



PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF
CORNELL UNIVERSITY

INCLUDING THE MINUTES OF THE
EXECUTIVE COMMITTEE

JULY 21, 1885—JULY 22, 1890

ITHACA, N. Y.
1890

C. K. Adams
Nov. 30, 1885-

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 21, 1885.

Present, Trustees Sage, White, Schuyler, Boardman, Humphrey, Williams.

Minutes of previous meeting read and approved.

A letter from Dr. Charles Kendall Adams, accepting the office of President of Cornell University, was read, and, on motion, accepted and ordered on file.

Resolved, That the newly elected President of the University shall, on his assuming office, become by that fact a member of the various sub-committees of the Executive Committee of which the present President is a member.

Resolved, That the matter of providing a President's office at the University buildings, be and is hereby referred to the Building Committee, with power.

Resolved, That the matter of improvements and additions at the house at present occupied by Prof. Tuttle, and owned by the University, and approaches thereto, in view of the occupancy of the same by the President-elect of the University, and the erection of a barn in connection with the same, be and is hereby referred to the Building Committee, with power.

Resolved, That the Treasurer of the University be and is hereby authorized to return to Prof. Tuttle that part of the rent that has been paid upon his house from and after the first day of August for the present year, and to settle his claims for fixtures, etc., at an expense not exceeding sixty dollars.

Resolved, That Mr. Frank H. Hodder, of Aurora, Ill., be and is hereby appointed Instructor of History for the coming University year, in place of Assistant Professor William R. Perkins, whose term has expired, at a salary of one thousand dollars.

Resolved, That the Building Committee be and is hereby authorized and empowered to make an equitable arrangement between Prof. Comstock and the University regarding the boundary lines between his lot and that to be occupied by the President-elect, leasing to the said Comstock a piece of land at the north of the present boundary of his lot, equivalent to that which shall be taken from it on the south side.

Resolved, That the matter of the preparation and publication of an Illustrated Guide Book, or Hand Book, to be known by the title of "Cornell University and its Surroundings," or some similar title, on the general plan of the book published at Cambridge, Mass., entitled "Harvard and its Surroundings," be and is hereby referred to the President-elect and Treasurer of the University, with power; and that the committee on estimates be and is hereby requested to insert in the estimates for the coming year the balance now remaining in the treasury, of the money appropriated last year for that purpose, with such additional sum, not to exceed one hundred dollars, as may be necessary for securing the publication of the said book.

Resolved, That the decision on site and plans for the Veterinary Building, and the erection and equipment of the same, be referred to the Building Committee, with power to make an expenditure not exceeding that formerly authorized by this Board.

Resolved, That the thanks of this Board be presented to the Western Union Telegraph Co., for the gift of a very beautiful picture of the great Western Union building, to the Architectural Department of this University.

Resolved, That the Treasurer be and is hereby authorized to offer a standing reward of fifty dollars for information leading to the arrest and conviction of any person or persons who shall steal from, or willfully or maliciously injure or deface any of the University buildings, or any of the collections or other property contained therein.

Resolved, That the Executive Committee of Cornell University, while cordially thanking Prof. Goldwin Smith for his past labors for the institution, would be highly gratified if he would consent to resume, during the coming year, his course of lectures on History.

Resolved, That there be and is hereby established a sub-committee of this Executive Committee, to be called the Committee on Sibley College, the same to consist of the Chairman of the Board of Trustees, the President of the University, and Mr. Lord, and that to this Committee be and are hereby referred, with power, all communications of the Director of Sibley College which shall not be acted upon by this Board at this meeting.

Resolved, That the Board request of the Secretary of the Navy the detail of Assistant Engineer F. H. Bailey, of the United States Navy, as Instructor in the department of Mechanical Engineering, and in Marine Engineering and Naval Construction; and that the President of the University be authorized to make a request for the said detail.

The application of G. B. Penny for extension of Scholarship, and for Cornell University to assume the expense of Euterpe Club programme, \$13.00, was, on motion, laid on the table.

The application of James H. Day, Jr., for refund of a portion of last term's tuition, on the ground that he was obliged to leave before the end of the term, was, on motion, denied.

The resignation of J. C. Rolfe as Instructor in Latin and Greek, was presented, and, on motion, accepted.

The applications of Professors J. L. Morris, W. T. Hewett, and I. P. Church, for increase of salary, were presented, and, on motion, referred to the Special Committee on Salaries, appointed at the June meeting of the Board of Trustees.

The communication from Prof. Anthony in regard to floors in the basement of the Physical and Chemical Laboratory, was, on motion, referred to Mr. Sage, the Treasurer and Prof. Morris, with power.

On motion, the Treasurer was authorized to pay the balance of the Architectural appropriation unexpended on Aug. 1st, to Prof. Osborne, to be expended by him during August and September, and the vouchers for same to be turned over to the Treasurer.

On motion, the Treasurer was authorized to employ Joshua Hirst as Janitor of the McGraw Museum, at \$20.00 per month.

On motion, *Resolved*, That this Committee recommend to the General Board the re-appointment of Dr. Edward Hitchcock, Jr., as Acting Professor and Director of the Gymnasium.

On motion, *Resolved*, That this Committee recommend that the General Board at its next meeting take up the subject of a Professor of History, and that this Committee nominate Charles Kendall Adams for that position.

On motion, *Resolved*, That Prof. Goldwin Smith be requested to furnish a copy of his address delivered at the University Commencement in June last, and that the President elect and Judge Boardman be a committee, with power, to have the same printed.

On motion, Mr. James O. Griffin was appointed Instructor in German, to succeed J. W. Krüger, at a salary of one thousand dollars per annum.

On motion, *Resolved*, That Mr. Sage be, and he is hereby made Chairman of the Executive Committee.

Communications from Prof. Thurston in regard to Sibley College, were read. Prof. Thurston also came before the Committee, in person, and explained fully his plans for the development of his Department.

On motion, \$15,000.00 was appropriated to be expended under the direction of the Director and the Committee on Sibley College.

On motion, Mr. Frank Van Vleck was appointed Assistant to the Director of Sibley College and Instructor in Mechanical Laboratory, at a salary of one thousand dollars per annum.

Adjourned,

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., August 18th, 1885.

Present, Trustees Sage, Schuyler, Humphrey, Adams, Van Cleef and Lord.

Minutes of previous meeting read and approved.

President Adams reported that Assistant Engineer Frank H. Bailey had been detailed by the Secretary of the Navy as Instructor in the Department of Mechanical Engineering, and in Marine Engineering and Naval Construction at Cornell University. On motion, his appointment was confirmed at a salary of \$400.00 per annum.

Resolved, That the resignation of Prof. J. Burkitt Webb, of his professorship of Applied Mathematics and Theoretical Mechanics, tendered to the Trustees through President White, and bearing date Aug. 10th, 1885, be, and is hereby accepted, the same to take effect from this date.

Resolved, That the salary of Associate Professor E. C. Cleaves, be, and is hereby fixed for the coming year at eighteen hundred dollars.

Resolved, That Mr. Bolton Coit Brown be, and is hereby appointed Instructor in Drawing for one year, at a salary of seven hundred and fifty dollars.

Resolved, That hereafter the degrees conferred upon students graduating in the Departments of Civil and Mechanical Engineering, be respectively, the degrees of Civil Engineer and Mechanical Engineer.

WHEREAS, President Andrew D. White was most intimately associated with Ezra Cornell, in the founding and organizing of this University; and,

WHEREAS, This intimate association gave to Mr. White peculiar opportunities for knowing the purposes and wishes of Mr. Cornell; therefore,

Resolved, That President Andrew D. White be, and is hereby respectfully and cordially invited to deliver a memorial address on the life and services of Ezra Cornell, on the occasion of the unveiling of the statue of Mr. Cornell in Founders' Chapel.

Resolved, That the Treasurer be, and is hereby authorized to have the several steam boilers used on the University Grounds insured in accordance with the terms recommended in the report of Prof. Thurston, the same to be done at an expense not exceeding two hundred dollars per annum.

On motion, the question of purchasing a new boiler and engine for use in the Mechanical and Physical Laboratories, at a cost of \$2,500.00, was referred to the Committee on Sibley College, with power.

On motion, the question of improvement of the water power, was referred to the Committee on Sibley College, with power.

On motion, the question of employing an additional Instructor of Mathematics for the coming year was referred to President Adams, with power, expense not to exceed \$750.00.

On motion, Prof. Henry S. Williams was granted a leave of absence for two months after the beginning of the Fall term, for the purpose of attending the International Geological Congress, at Berlin, Germany.

On motion, Mr. C. S. Prosser was appointed Instructor in Paleontology, without salary.

On motion, the question of furnishing the Mathematical rooms, was referred to the Building Committee and Treasurer, with power.

On motion, lot number seven on East Avenue, University Campus, was granted to Prof. R. H. Thurston, upon the usual form of lease.

On motion, the question of date for calling the Fall meeting of the Board of Trustees, was referred to President Adams and Secretary Humphrey, with power.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., October 2, 1885.

Present, Trustees Sage, Adams, Humphrey, Lord, Schuyler, Van Cleef.

On motion, the reading of minutes of previous meeting was omitted.

Letters having been received from several of the Trustees, stating that it would be impossible for them to attend the meeting of the Board called for October 28, 1885, on motion, *Resolved*, That said meeting be and is hereby postponed to Friday, Nov. 20, 1885, at the same place and hour.

On motion, *Resolved*, That the Hon. Stewart L. Woodford be requested to deliver an address in behalf of the Trustees at the Inaugural exercises of President Charles K. Adams, to be held at Ithaca, Thursday, Nov. 19, 1885.

WHEREAS, The health of Prof. Roberts seems to be somewhat seriously impaired ; and,

WHEREAS, Arrangements can be made with his classes for carrying on their work in his absence,

Resolved, That Professor Roberts be and is hereby granted leave of absence for so much of the present term as he may deem necessary for his health.

On motion, the salary of Instructor James McMahan was increased to \$1,000 per annum, for the current year

On motion, the salary of Instructor A. S. Hathaway, for the current year, was made \$1,000.

A letter from Hon. Andrew D. White, regretting his inability to be present and deliver the address at the unveiling of the statue of Ezra Cornell, was read and ordered on file.

On motion, the Treasurer was authorized to have one hundred copies of "Abstracts from Reports of Professors" printed.

On motion, the Treasurer was authorized to have a flag walk laid from the south entrance of Cascadilla, to connect with flag walk at the north-east corner of the building.

On motion, Prof. Flagg was granted a building lot upon the Campus, 100x150 feet, fronting upon the road to the reservoir, and next east of lot occupied by Prof. Roberts, on the usual form of lease.

The application of Mr. Arthur Curtis for a free scholarship in the University, on the ground that the Scholarship awarded to him by the Commissioners of Tompkins County had been rescinded, and the same given to Miss Mary E. Wright, under the decision and order of Judge Martin, was, on motion, denied.

On motion, the Chairman of the Board, Judge Boardman, and Mr. Lord, were appointed a committee to make arrangements for the removal of the remains of Ezra Cornell, John McGraw, and Jennie McGraw-Fiske, to vaults underneath the Memorial Chapel.

On motion, the Treasurer and Mr. VanCleaf were authorized to prepare description of Kappa Alpha lot upon University Campus, to be inserted in the lease, in accordance with map presented by Mr. Van Cleef.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., October 7, 1885.

Present, Trustees Sage, Adams, Schuyler, Boardman, Lord, Humphrey.

Minutes of two previous meetings read and approved.

The appointment of A. S. Hathaway as Instructor in Mathematics, was, on motion, ratified and confirmed.

On motion, President Adams was authorized to issue appropriate cards of invitation to the Inaugural ceremonies, to be held Nov. 19th.

On motion, the report and recommendations of the Hartford Steam Boiler Inspection and Insurance Co., was referred to Mr. Sage, Prof. Thurston, and Prof. Morris.

The application of Prof. Anthony for a telephone in the Physical Laboratory was, on motion, laid on the table.

A communication from Dr. Caldwell, Secretary of the Faculty, certifying to the election by the Faculty of Professors Gage, Thurston, Hale and Shackford, as members of the Library Council for the current year, was presented, and, on motion, the action of the Faculty was ratified and confirmed.

On motion, Mr. Lord was re-elected member of the Library Council for the coming year.

On motion, the sum of \$354.60 was appropriated for the publishing of the Monograph of Cayuga Valley Plants, prepared by Prof. Dudley.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., November 3, 1885.

Present, Trustees Sage, Adams, Boardman, Humphrey, Williams, Van Cleef.

Minutes of previous meeting read and approved.

On motion, President Adams, Mr. Sage, and the Treasurer, were appointed a committee, with power, to make arrangements for the Inauguration exercises on the 19th inst.

Resolved, That hereafter the Professors in charge of the Chemical and Physical Laboratories be authorized and directed to furnish students with supplies of apparatus and chemicals at New York list prices, and that the President be authorized to announce the fact in the University Register.

Resolved, (1) That in place of the Committee on Sibley College, a standing committee of three Trustees be appointed, to be known as the Committee on the Departments of Applied Science, said Department to be interpreted as including Agriculture, Architecture, Chemistry, Physics, Engineering, and Mechanic Arts.

Resolved, (2) That such committee be entrusted with the more immediate interests of the above-named departments, including an examination, in conjunction with the Committee on Estimates, of all requests for appropriations, and a report upon the same to the Executive Committee.

Resolved, (3) That such Committee shall consist of Trustees Williams, Lord, and Sage.

Resolved, (1) That a standing committee of three Trustees be appointed, to be known as the Committee on the Departments of Natural History, such departments to be interpreted as including Anatomy, Vertebrate and Invertebrate Zoölogy, Botany, Geology, and Paleontology, with the museums connected therewith.

Resolved, (2) That such committee be entrusted with the more immediate interests of the above-named departments including an examination, in conjunction with the Committee on Estimates, of all

requests for appropriations, and a report upon the same to the Executive Committee.

Resolved, (3) That such committee shall consist of Trustees Van Cleef, Boardman, and Humphrey.

WHEREAS, The large appropriations made to several of the departments of this University, during the past three or four years have been made with a view to putting those departments on a footing of permanent efficiency ; and,

WHEREAS, These large appropriations have been made with the expectation that they would be needed only until the time when such departments should be placed in efficient working condition ; and,

WHEREAS, nearly or quite all the departments of instruction may now be regarded as very efficiently equipped ; and,

WHEREAS, The various appropriations have completely exhausted the current income of the University ; and,

WHEREAS, The income of the University has nearly or quite reached the amount that may be safely relied on for the future ; and

WHEREAS, Similar appropriations in the future would render it impossible either to extend the scope of instruction or increase the amount of the salaries ; and,

WHEREAS, We deem both of these ends desirable ; therefore,

Resolved, That the several committees to whom applications for appropriations have been referred, including the Committee on Estimates, be, and are hereby authorized and directed to examine such applications carefully and limit their recommendations to such sums as may appear necessary to the preservation of the collections as they now exist, and to the efficient working of the several departments.

Resolved, That the Treasurer be, and is hereby authorized to execute leases to Professor M. C. Tyler, and Professor H. S. Williams, of plots of ground, extending 40 feet to the rear of their lots for the purpose of the erection of barns, in accordance with the conditions set forth in Prof. Tyler's petition for the same, and upon the further condition that no compensation shall be claimed for any improvements made upon the land so leased.

A communication from Prof. Fuertes, asking that the department of Civil Engineering be hereafter known and designated as the College of Civil Engineering of Cornell University, and that the present Dean be hereafter recognized as the Director of said College, was presented, and, on motion, laid on the table.

A communication from Prof. Thurston, asking that the ground for two hundred and fifty feet east of the present Sibley buildings be reserved to provide for future growth of Sibley College, was read, and ordered on file.

The form of lease of the Kappa Alpha lot, east side of University Avenue and south of Military Hall and Gymnasium, was presented, and, on motion, the Treasurer was authorized to execute the same on behalf of the University.

On motion, Mr. H. W. Sage, chairman of the Board, was authorized to act for the University in the matter of the New York, Chicago and St. Louis bonds, and to execute any papers which in his judgment might seem necessary for the protection of the interests of Cornell University.

On motion, \$100 was appropriated for the payment of Sibley Prizes in Mechanic Arts, awarded at the last Commencement.

On motion, Mr. Rufus Anderson was appointed foreman in the machine shop, in place of M. L. Clinton, resigned, at a salary of \$1,200 per annum.

On motion, Mr. A. C. White was appointed Instructor in Latin, at a salary of \$400 per annum, in place of J. C. Rolfe, resigned.

On motion, Mr. F. H. Morgan was appointed Instructor in Chemistry, at a salary of \$750 per annum, in place of James Lund, resigned.

On motion, the Treasurer was authorized to pay the bill of Mr. D. Huntington, \$1,810, for portrait of ex-President White.

The following resolution, passed by the Library Council, Oct. 22, 1885, was presented :

Resolved, That the following rule of procedure, which is regarded by the Library Council as desirable, be recommended to the consideration of the Trustees, viz. :

The Librarian shall have power to approve orders, signed by Professors at the heads of departments, for ordinary working books, but shall refer to the Council all orders for costly or otherwise exceptional books.

Moved to amend by inserting after the word "Librarian" the words "and President."

The recommendation of the Library Council as amended, was, on motion, adopted.

A communication from the Library Council in regard to the appropriations for the current year, was, on motion, referred to the Committee on Estimates.

Adjourned,

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Nov. 20, 1885.

Proceedings of the Board of Trustees of Cornell University, at a regular meeting held at Cornell Library, Nov. 20, 1885, at 9 o'clock A. M.

Present, Trustees Sage, Sibley, Brooks, Parker, Lord, Adams, Van Cleef, Williams, Boardman, Warner, Humphrey.

Minutes of meetings of June 17th and July 13, 1885, read and approved.

Minutes of the Executive Committee from July 3, 1884, to Nov. 3, 1885, were read, and, on motion, approved.

On motion of Mr. Sibley, there was ordered printed 2000 copies each of President White's report of June last, and of the addresses delivered at the Inaugural of President Adams on the 19th inst., the latter to include President White's letter of resignation, and the action of the Board in regard thereto, the printing of above to be done under the direction of the Chairman, Secretary and Treasurer.

Resolved, That there be entered upon the minutes of the Board of Trustees the sincere regrets of its members, at the death of Hon. Samuel Campbell, for many years one of the most faithful and devoted members of the Board. As he remained with us until near the end of his long, prosperous and useful life, and in many ways manifested his earnest good will and work for the University, we desire to bear witness in this public manner, of his valuable services to the Board of Trustees, and to Cornell University.

Resolved, That a copy of the above be presented to Mrs. Campbell and to the family of the deceased.

The report of the Treasurer for year ending Aug. 1, 1885, was read and, on motion, ordered on file.

Resolved, That the sums appropriated for the last year, but expended since the end of such year, be re-appropriated in accordance with the statement in the Treasurer's Report.

The following list of appropriations for year ending Aug. 1, 1886, was presented and recommended by Committee on Estimates, viz.:

Advertising,	\$2,150.00	Brought forward,	\$54,863.91
Agricultural,	6,500.00	Mechanical,	23,500.00
Agr. Exp. Station,	150.00	Meteorological,	270.00
Anatomical,	1,410.00	Military,	200.00
Architectural,	450.00	Mineralogical,	250.00
Astronomical,	238.85	Paleontological,	100.00
Bell Ringing,	200.00	Physical Culture,	200.00
Botanical,	1,800.00	Physical,	3,400.00
Care of Buildings,	3,700.00	Printing and Stationery,	1,225.00
Care of Grounds,	2,000.00	Register,	1,750.00
Cascadilla Walk,	225.00	Repairs,	5,750.00
Chemical,	2,600.00	Repairs President's House,	4,500.00
Civil Engineering,	2,900.00	Sage Chapel Expenses,	325.00
Classical,	125.00	Sage Fund,	7,500.00
Conchological,	100.00	Salaries,	117,850.00
Contingent,	5,000.00	Scholarships and Fellow-	
Cornell Monument,	2,584.96	ships,	5,600.00
Dean Sage Sermon Fund,	2,175.00	Sibley Prize,	200.00
Electric Lighting,	500.00	Students' Loan Fund,	500.00
Entomological,	673.10	Water Works,	350.00
Fuel,	5,500.00	White Portrait,	1,830.00
Geological,	100.00	White Veterinary Prize,	30.00
Insurance,	1,250.00	Woodford Medal,	100.00
Library,	12,532.00	Veterinary,	200.00
Carried forward,	\$54,863.91		\$230,493.91

Moved by Mr. Warner that appropriations be taken up seriatim. Mr. Humphrey moved as an amendment that the list be voted upon as a whole. Carried.

Mr. Warner moved to increase advertising appropriation to \$2,650. Lost.

On motion, the list of appropriations, as recommended, was adopted.

The application of Asst. Prof. Osborne for increase of salary was, on motion, referred to Committee on Salaries.

Prof. Fuertes appeared before the Board in regard to the matter of increase of salary.

Resolved, That it be referred to the Executive Committee with power, to secure a vault in some Safe Deposit Company, wherein may be deposited such securities of the University as may be deemed best.

Resolved, That the Executive Committee be authorized in its discretion to employ an Agent with such duties and powers, and upon such salary as the Committee may fix.

The following was presented by President Adams:

WHEREAS, In our opinion the statute enacted in 1884, respecting the manner of procedure in case of applications for an advance of

salaries, does not seem to promise the good results that were hoped from it. Therefore,

Resolved, That said statute be, and is hereby rescinded. Carried.

The following communication was presented, viz.:

ITHACA, N. Y., Nov. 20th, 1885.

Inasmuch as the memorial of the Faculty of Cornell University to the Honorable Board of Trustees in regard to the matter of salaries was prepared and presented as a reply to a request for our approval of a statute to which we could not give our assent, and inasmuch as that statute has now been repealed, we would respectfully beg leave to withdraw the said memorial.

(Signed),

WM. A. ANTHONY,
W. G. HALE.
BURT G. WILDER,

G. C. CALDWELL,
CHARLES A. SCHAEFFER,
Committee of the Faculty.

On motion, permission to withdraw the memorial above referred to was granted.

The following was presented :

ITHACA, Nov. 20th, 1885.

To the Trustees of Cornell University :

It is well known that for more than two years past I have taken special interest in the founding of a Department of Ethics and Philosophy, and have made no small effort to find a satisfactory incumbent for such a Chair. It now seems probable, that not long hence a man may be found who shall be satisfactory to the Trustees and myself. In view of this fact, and of my earnest desire to have that Chair firmly established during my life, I now desire to make this definite proposition, which I will be thankful if you adopt.

I propose to give for the endowment of such Chair, Sixty Thousand Dollars, either in cash or in sound securities, at present drawing six per cent. at par, to be placed at the disposal of the Trustees, at the date the incumbent of the Chair begins to earn his salary. This to the extent of Fifty Thousand Dollars—and the sum above that, to an extent not exceeding Ten Thousand Dollars, to be devoted to the building of a house, which shall always be occupied by the incumbent of the Chair, as his home, and to be forever a perquisite of the Chair, subject as a condition of free rent, that he shall always pay all ordinary repairs, and always preserve in good order.

The title of such Chair to be in memory of my deceased wife, the "Susan E. Linn Sage Chair of Ethics and Philosophy."

I shall ask a proper pledge from the Board of Trustees, that this Chair shall forever be furnished with a capable professor, and such

auxiliary assistance as he may need for proper instruction in the great themes pertaining to the subjects named.

I shall also ask that the first incumbent of that Chair shall be satisfactory to myself and the Board.

Any sum remaining over from the amount herein specified for a house, shall be returned to the fund for the salary endowment.

Very truly yours, H. W. SAGE.

On motion of Mr. Brooks :

Resolved, That the liberal offer of the Chairman of this Board to endow a Professorship of Ethics and Philosophy, to be known as the "Susan E. Linn Sage Chair of Ethics and Philosophy," be gratefully accepted, and that the Board recognize in full its obligation in respect thereto, as specified in the letter of Mr. Sage.

The committee appointed to consider the subject of salaries, submitted their report, and, on motion of Mr. Brooks,

Resolved, That the report of Committee on Salaries be re-committed for careful consideration of the whole subject, and that said committee present recommendations to the Executive Committee on or before January, 1886, and that the Executive Committee be empowered to take action upon such recommendations.

STATUTE of the Trustees of Cornell University in regard to Leave of Absence.

It is hereby enacted that whenever any Professor, Acting Professor, Associate Professor, or Assistant Professor, has continuously served the University for at least seven years, he may, subject to approval of Executive Committee, have leave of absence for not more than one year, under the following limitations and conditions :

1. During such absence one-half of the salary attached to the position held by applicant is to be paid.
2. Application for such absence must be made to the Trustees, through the President, as early as the 1st of the January preceding the collegiate year during which absence is desired.
3. No more than one absence from any department of instruction will be granted in any one year ; and when more than one application from any department is made, precedence will be given in the order of seniority of service.
4. Whenever, for any especial reason, the Trustees or the Executive Committee shall think that such absence will be injurious to the best interests of the University, they reserve the right to authorize the President of the University to withhold such leave of absence.
5. Arrangements for the substitution of work in case of such application, must be made without expense to the University.

On motion, *Resolved*, That a committee of three be appointed to consider and report at the June meeting of this Board, upon the practicability of establishing a Department of Pharmacy in this University. The chair appointed as such committee, President Adams, Mr. Lord, and Mr. Van Cleef.

Resolved, That a committee of five be appointed to consider and report at the June meeting on the practicability and expediency of the early establishment of a Law Department in this University, such report to include the whole subject of plan of organization.

The Chair appointed as such committee, Messrs. Adams, Boardman, Gluck, Williams and Woodford.

Resolved, That the Professorship of Sanskrit and Modern Oriental Languages be discontinued from and after the end of the present academic year. }

On motion, the Executive Committee was authorized and empowered to fill the "Susan E. Linn Sage Chair of Ethics and Philosophy," whenever a candidate is found satisfactory to the committee and to Mr. Sage.

Moved that the Board proceed to ballot for a Professor of History. Carried.

Upon ballot duly had, Dr. Chas. K. Adams was unanimously elected Professor of History.

Adjourned to meet at Cornell Library, at 2 o'clock, P. M.

Reassembled at 2 o'clock, P. M.

On motion, *Resolved*, That twenty-five copies of the minutes of each meeting of the Board of Trustees, and of the Executive Committee, be printed, and that a copy of same be sent to each Trustee.

Messrs. Weyerhaeuser, Thorp & Ingram, committee of the Chipewa Logging Co., appeared before the Board and asked that their contract with the University be so modified as to allow them to pay, in place of the consideration named in the contract, \$3.00 per thousand feet, and interest from date of contract, for timber actually cut and to be cut from the lands embraced in said contract. The committee admitted that there was no misrepresentation on the part of the University in regard to the amount of timber upon the land, and that their request was based upon no legal or equitable claim, inasmuch as they had ample time for examining the land and purchased it upon their own judgment, after a careful examination by their own woodsmen. A full discussion of the question was had, but no formal action taken, although it was the unanimous opinion of the Board that the contract should be carried out as executed.

On motion, adjourned.

W. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., December 18, 1885.

Present, Trustees Sage, Lord, Adams, Van Cleef, Boardman, Humphrey, Williams.

The following resolutions were adopted :

Resolved, That the Courses of Study as adopted by the Faculty, and presented to the Executive Committee for approval, be and are hereby adopted and authorized.

Resolved, In answer to petition of Mr. St. John in behalf Junior Class for permission to hold the class ball in the Armory, that such permission be, and is hereby granted, subject to the usual conditions.

Resolved, First, That the Faculty be, and are hereby authorized to add to the requirements for admission to the University, either the whole of Advanced Algebra, or the whole of Solid Geometry, the same to take effect from and after the beginning of the collegiate year for 1887.

Second, That from and after the beginning of the collegiate year for 1888, both Advanced Algebra and Solid Geometry may be required, and that the President be authorized to announce these requirements in the Register.

Resolved, That no tuition fees in the University be charged to the grandchildren of Ezra Cornell.

Papers from Trustee Gluck containing suggestions in relation to re-organization of Departments, and increase of salaries of Professors, were presented and ordered on file.

The following was presented :

REPORT of Committee on Salaries and Reorganization of Departments.

To the Executive Committee of Cornell University,

GENTLEMEN :—At the meeting of the Trustees of Cornell University held June 17th, 1885, the following resolutions were passed :

“ *Resolved*, That the various applications by members of the Faculty for a modification of their relations to the University, or for increase of their compensation, be referred under the statutes applicable thereto, to a Committee of five Trustees, of which the President of the Faculty and the Chairman of the Board of Trustees shall be two, and that such a committee report at a future meeting of this Board.

“ *Resolved*, That this committee take into consideration all questions touching the organization of the various departments of instruction, the several duties of the employés, the number of teachers and employés required for the various purposes, having reference to the best interests and most successful results of the University.

“ *Resolved*, That said committee also enquire whether any, and, if any, what addition to the forces of instructors or employés is essential, and whether any, and, if any, what instructors or employés can be dispensed with without detriment to the success and efficiency of the University ; whether any new departments of instruction should be undertaken, and whether any consolidation of departments or professorships as now existing may be wisely and safely effected. That such investigations shall be made with careful reference to the income of the University as estimated or known to exist, and in no event shall the expenses of the organization and conduct of the University be so recommended as to exceed its current income.”

Messrs. Boardman, Gluck and Lord were appointed members of the above committee

The committee so appointed gave such consideration to the subject as they were able to do before the November meeting of the Trustees, but as they were not able to report in full, the question was referred back to them in accordance with the following resolution :

“ *Resolved*, That the report of the Committee on Salaries be referred back for careful consideration of the whole subject, and that said committee present recommendations to the Executive Committee on or before January, 1886, and that the Executive Committee be empowered to take action upon the recommendations.”

In accordance with the instructions herein set forth your committee have examined various questions submitted to them, and beg leave to

present the following report and recommendations. The members of the committee whose names are attached hereto, regret that one of the members, Mr. Gluck, has not been able to meet with them, but he has sent a very carefully prepared, and elaborate study of the subject, and every point raised by him has been duly considered. It is believed that the report will meet with his general assent.

The resolutions confer upon your committee the duty of considering three more or less distinct questions : first, whether any reorganization of the departments in the University is desirable ; second, whether any enlargements or reductions of departments are necessary or desirable ; and third, whether any modification should be made in the salaries paid to Professors. Each of these questions has received careful consideration.

1. Your Committee are of opinion that the hopes for many years entertained of building up a department of Sanscrit and Modern Oriental Languages, have not been realized. The demand for instruction in that department seems to us not to justify the continuance of the professorship beyond the end of the present year. While we are by no means certain that the University ought not ultimately to have a department of comparative philology, we are of the opinion that such a department, to be successful, must rest upon the broad basis of a well-organized and well-equipped classical department. In the interest of linguistic study, we therefore recommend that the classical department be strengthened by receiving at least one more instructor than is at present employed.

2. In the department of English we are of the opinion that both economy and unity would be subserved by consolidating the professorship of Anglo-Saxon and English Literature with that of Rhetoric and General Literature, and putting them under the direction of a single professor. This would call for the appointment of an additional instructor, and for the relief from duty of one of the professors now employed. We recommend, therefore, that the Professor of Rhetoric and General Literature be retired at the end of the present year, with such an allowance as would seem to be called for by his many years of faithful and earnest service.

3. In accordance with the provision made at the last meeting of the Board by the gift of its chairman, it is expected that in the near future the Susan E. Linn Sage Professorship of Philosophy and Ethics, will be filled. In view of this fact, and of the advanced years, as well as of the long and distinguished service of the Professor of Moral and Intellectual Philosophy, we recommend that he be relieved from

duty and be elected Emeritus Professor of Moral and Intellectual Philosophy, the same to take effect whenever the incumbent of the new chair shall enter upon his duties. As Dr. Wilson has been with the University from its beginning, and has devoted his energies to its interests with exceptional earnestness and fidelity, we recommend that the Trustees attach to this position of Emeritus Professor a salary of two thousand dollars a year.

4. We are of the opinion that great service would be rendered to the University by the establishment of a chair of the Science and Art of Teaching. As this is in some sense a state as well as a national University, it seems peculiarly desirable that it should exert a wholesome and an elevating influence upon all the grades of schools with which it comes into contact. Such an influence would be greatly strengthened by the establishment of the professorship contemplated. There are, moreover, a very considerable number of young men and young women in the University who desire to fit themselves for the career of a teacher. The recent establishment in the University of an association for mutual assistance and encouragement of those who design to teach is an evidence of the need of such instruction as that contemplated. Your committee, in thinking of the practical methods of meeting this requirement, spent not a little thought upon the question of providing for the new Professorship in case of its establishment. Our opinion was that no better appointment could be made than that of Professor S. G. Williams. Deeming it of the highest importance that the appointment to this chair should be acceptable to the Regents of the University of the State of New York, the Chairman of this Committee addressed a letter to Doctor Murray, the Secretary of the Board of Regents, in relation to the subject, and received from him the following reply :

OFFICE OF THE REGENTS, }
ALBANY, Dec. 14, 1885. }

DEAR SIR:—I have thought carefully over your proposition contained in yours of December 10. I am quite sure, had I been asked to suggest a proper person to fill the professorship of the Science and Art of Teaching which you propose to establish, I should have named Professor Williams. His general pedagogical knowledge, his experience as a teacher in preparatory schools, his present familiarity with the possibilities and limitations of college training,—all give him a peculiar fitness for the proposed position. I remember that at the University Convocation in 1882, Professor Williams presented a very valuable report on the subject of Normal Training in Colleges, which seemed to me to cover the ground very admirably. I should expect

that under his charge such a department of instruction would become a very valuable and a very practical part of the training of that large class of college students who, after graduation, expect to become teachers in preparatory schools.

The Regents, I am sure, will watch with the greatest interest and favor the steps you propose,—in establishing a professorship of pedagogy and in putting Professor S. G. Williams in charge of it. I have no objection to your making any use you see fit of this letter.

Very sincerely yours,

(Signed) DAVID MURRAY, Sec'y.

As such an appointment meets with the approval of Professor Williams, we recommend that such a chair be established, and that Professor Williams be appointed to fill it.

As this change involves some modification of the instruction now given in the department of Geology, we recommend that Professor H. S. Williams be appointed Professor of Geology and Paleontology, and that an instructor be appointed to give him necessary assistance.

5. In the department of Chemistry the force now employed seems to your committee inadequate to do the work for which the laboratory provides the most excellent facilities. The time of the Professors is now so largely occupied in teaching what is comparatively elementary work, that advanced work seems difficult, if not impossible. We are clearly of the opinion, therefore, that better opportunity should be afforded for the teaching of organic chemistry, and that in the immediate future such assistance should be granted as will enable the department to provide for advanced work. We recommend, therefore, that Assistant Professor Newbury be advanced to the position of Acting Professor of Organic and Applied Chemistry, and that at the beginning of another year he be relieved from the work of assisting the Professor of General and Analytical Chemistry, by the appointment of an instructor. We recommend that the salary of Professor Newbury, in his new position, be \$2,200.

6. The department of History and Political Science is in some respects in an unsatisfactory condition. This is particularly the case with the studies in Political Economy, owing to the fact that Professor H. C. Adams, under his present engagement, can be here only one-half of the year. He is obliged to enter upon his work at the middle of the term when the classes are all at their regular duties, and when no work can be taken up without adding very largely to the labors of students. The consequence is that the classes are comparatively small, and that results are by no means satisfactory. Your

committee have a high opinion of the quality of instruction given by Professor Adams, and they desire very unqualifiedly to state that if the best results have not been obtained, it has not been because of any lack of excellence in the instruction imparted.

The same criticism may be made, though with less emphasis, of the studies under the direction of Professor Tuttle. While it is true that Professor Tuttle carries his classes through the whole of two terms; it is also true that when his students discontinue their work with him, they are obliged to take up any such studies as may be given at convenient hours. The result is an encouragement of such disconnected work as is always injurious to the development of a good education. These results ensue in spite of the excellence of the instruction imparted by Professor Tuttle. While for financial reasons we cannot recommend the employment of Professor Adams and Professor Tuttle for the full year, we are nevertheless of the opinion that at the expiration of the terms of service for which they were engaged, some consolidation of work in the department should be brought about by which the whole time of the person or persons employed should be secured. It is in our opinion doubtful whether the entire time of two persons will be found necessary.

7. The duties of Registrar, which have hitherto been performed with so much labor and fidelity by Dr. Wilson, should, in our judgment, be closely united with the work of the executive office of the University. We recommend, therefore, that a salary of four hundred dollars be attached to the position, and that it be filled at such a time as Dr. Wilson may enter upon his Emeritus Professorship, and in such a way as will best conduce, in the opinion of the President, to the successful administration of the office.

After such an examination of the work of the other departments of the University as we have been able to give, we are not prepared to recommend any further changes in the way of reorganization.

The matter of salaries we have carefully considered. A number of petitions, received either by the full Board or by the Executive Committee, have been brought to our attention. It is perhaps not necessary here to go into a detailed explanation of the various considerations which have influenced us in making the recommendations herewith presented; but we have carefully examined the whole subject from a point of view of the welfare of the University with a desire to do no injustice to any individual officer. Several of the officers of instruction seem to us, by the inherent excellence of their work, to be entitled to a larger salary than under the circumstances we feel justified in recommending. This is especially the case with the two pro-

fessors of German. The committee desire unanimously to express their belief that the arrangement of having two professors of the German Language and Literature is unfortunate. Although the committee cheerfully bear testimony to the efficiency and success of the instruction given by the professors, they find it impossible to recommend that the salaries of both be made as high as the salary of either of them might very properly be if he were alone at the head of the department. We find ourselves, therefore, not justified in recommending for the two professors any higher compensation than would be required for the payment of a single professor and an assistant professor with a full salary.

A question of some difficulty has also confronted us in regard to the method of treating those earnest and faithful officers of the University, who for several years have served its interests as assistant professors. Several of them have labored with great fidelity and success, and have contributed not a little to the building up of the departments in which they have been engaged. Their work, in some instances at least, entitles them to the rank of full professor; but we have not been able to adopt the principle that the faithful and even the most successful labors of an assistant professor entitle him to promotion to a full professorship. If such a principle were adopted, professorships would soon be multiplied, until the demands upon the treasury would far exceed its ability to meet them. We believe that promotions from one grade to another should only take place when in addition to very marked excellence of service there is also an unmistakable need of another officer of higher rank. Holding these views, we have not been able to add so largely to the salaries of some of the assistant professors as we believed the work performed by them would justify.

In the case of two of the Professors hereinafter mentioned, an exceptional allowance is recommended for reasons which we trust will commend themselves to the judgment of the Trustees. Long and successful service in the University, in connection with unusually successful administrative work in the departments of Civil Engineering and Physics entitle Professors Fuertes and Anthony, in our judgment, to exceptional recognition.

Applying the foregoing statement of the principles guiding us, we offer the following resolutions, and recommend their adoption :

1. *Resolved*, That the chair of Sanscrit and Modern Oriental Languages be discontinued from and after the end of the present collegiate year.

SCHEDULE.

Professor Anthony	\$3,200	Professor Oliver	\$2,200
“ Fuertes	3,200	“ Wait	2,200
“ Babcock	3,000	“ Hewett	2,200
“ Caldwell	3,000	“ White	2,200
“ Corson	3,000	“ Newbury	2,200
“ Crane	3,000	“ Church	1,800
“ Flagg	3,000	“ Crandall	1,800
“ Hale	3,000	“ Jones	1,800
“ Law	3,000	“ Dudley	1,800
“ Roberts	3,000	“ Gage	1,800
“ Schaeffer	3,000	“ Osborne	1,600
“ Williams, S. G.	3,000	“ Marx	1,400
“ Williams, H. S.	3,000	“ Moler	1,400
“ Comstock	2,500		

10. *Resolved*, That the provisions of the above resolutions take effect from and after the end of the present collegiate year, unless it is otherwise stated in the resolution.

C. K. ADAMS,
H. W. SAGE,

H. B. LORD,
D. BOARDMAN.

The foregoing report, together with the several resolutions embraced therein, was, on motion, adopted :

Resolved, That the request of Hon. Henry W. Sage for permission to place, at his own expense, a memorial window to his deceased wife in Sage Chapel, and to make necessary repairs to the building, be, and the same is hereby granted.

The Finance Committee submitted the following list of securities purchased since date of their last report, viz. :

BONDS.	MATURE.	RATE.	COST.	AM'T.
Leavenworth C. and Ft. L. Water,	1912,	6	100	\$30,000 00
Dickey Co., D. T.	$\frac{7}{15}$ after 1885,	7	103	16,000 00
Mason City, Iowa,	$\frac{10}{30}$ after 1885,	6	104	26,000 00
Sheridan Co., Kan.,	1910,	7	102	5,000 00
Cowley Co., Kan.,	$\frac{10}{30}$ after 1885,	6	100	24,000 00
Sioux Falls City, D. T.,	$\frac{10}{30}$ after 1885,	7	103	7,500 00
Richland T'p, Ill.,	\$15,000 \$15,000 1895, 1900,	6	99	30,000 00
Leavenworth Co., Kan.,	1909,	6	102	5,000 00
Pratt Co., Kan.,	1915,	6	99½	20,000 00
Leav. Topeka & S. W. R. R. Guar. by U. P. and A. T. & S. Fé,	1912,	4	80	22,000 00
Kidder Co., D. T.	$\frac{7}{15}$ after 1883,	7	102	7,000 00
Martinton T'p, Ill.	1886 to 1895,	6	100	12,000 00

\$204,500 00

MORTGAGES.	MATURE.	RATE.	AM'T.
Geo. W. Drake, 2 of \$4,000. each,	1889	7	\$ 8,000 00
M. C. Tyler,	1888	6	3,000 00
S. B. Oberlander,	1890	7	4,500 00
Geo. S. Warren,	1890	7	10,000 00
Hiram Sibley,	1885— $\frac{5}{80}$	5	75,000 00
Casander Williams,	1890	7	15,000 00
J. S. Goodrich,	1889	7	3,000 00
J. O'Neil,	1888—1890	7	4,000 00
W. J. Bell,	1889	7	2,000 00
Loomis & Snively,	1888—1890	6	4,000 00
J. Sunderman,	1890	6	2,000 00
A. T. Bigelow,	1888—1890	6	3,800 00
F. Bishop,	1890	7	5,000 00
Wm. A. Harris	1890	7	10,000 00
Henry Bennett,	1890	7	5,000 00
E. D. Roberts,	1890	7	5,000 00
Bill & Burnham,	1890	6½	15,000 00

\$174,300 00

On motion, the action of the Committee in making the investments as specified, was ratified and approved.

On motion, the Chairman and Judge Boardman were appointed a committee with power to employ a University agent to assist the Finance Committee, at a salary not to exceed \$2,500.

On motion, \$1,312.50 was added to salary appropriations, to cover salary of President Adams and Dr. Thurston from Aug. 1 to Sept. 15.

On motion, the Chairman and Treasurer were made a committee with power to engage a box in some Safe Deposit Vault in New York City, for the safe keeping of the University securities.

On motion, the question of requiring students to pay tuition fees for the term, before being allowed to enter scholarship examinations, was referred to the President and Treasurer to report.

A communication from Professor Fuertes, informing the Committee that he had broken off all pending negotiations which might lead to the severing of his connection with the University, was presented and ordered on file.

A communication from Mr. L. E. Hyatt, chairman of Senior Class Music Committee, was presented, and on motion, \$100 was appropriated to the class for Commencement music, upon same terms as last year.

The resolution of the Faculty in regard to providing suitable means of ventilating Faculty Room, was presented, and on motion referred to Building Committee with power.

On motion, the President and Secretary were authorized to sign and forward annual report to Board of Regents.

Adjourned.

E. L. WILLIAMS, Sec'y.

OK, Adams,
Jan. 12, 1886

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., January 6, 1886.

Present, Trustees, Sage, Adams, Lord, Boardman, and Williams.

The following resolution was adopted :

WHEREAS, a communication has been received from Mr. D. F. Van Vleet and others, calling the attention of the Trustees to the Law Library of the late Merritt King, Esq. ; therefore,

Resolved, That a committee consisting of Judge Boardman, Mr. Van Cleef, the President, and the Librarian of the University, be appointed to enquire into the condition of said Library, and to report to this Committee such recommendations concerning it as may seem to them wise and desirable.

The following was presented, viz. :

To the Members of the Executive Committee of Cornell University :

GENTLEMEN :—At a meeting of the Board of Trustees of this University, held on November 20th, 1885, provision was made for the endowment of the Susan E. Linn Sage Professorship of Ethics and Philosophy. At that meeting the hope was expressed by myself that the appointment of an incumbent to the newly established professorship would not long be delayed. In order that there might be no unnecessary postponement of final action, the board authorized the Executive Committee to make the appointment whenever an incumbent should be found that would be satisfactory to myself and the committee.

Acting in accordance with the letter and the spirit of these instructions, I have asked for the constant assistance of the President of the University, and together we have prosecuted our inquiries with a view to securing the best practicable appointments at an early date. Our work has been the culmination of a series of inquiries extending over

a period of more than two years. I am happy to believe that these efforts have been duly rewarded, and accordingly nominate Dr. J. G. Schurman, at present Professor of Philosophy and Ethics in Dalhousie College, Halifax, Nova Scotia.

Professor Schurman was born in 1854, and consequently at the end of the present year will be thirty-two years of age. Receiving his early education in Prince Edwards Island, he entered upon his collegiate year at Acadia College, the *Alma Mater* of our lamented Professor C. F. Hartt. In 1875, over a large number of competitors from all parts of Canada, he was awarded the Gilchrist scholarship of \$500 a year for three years, a scholarship annually given to the Canadian standing highest at the London University examinations held in Canada. Mr. Schurman went at once to England for the further prosecution of his studies, where two years later he won the university scholarship in logic and philosophy at the London University, and the Hume scholarship in political economy at University College. In 1878, at the University of Edinburgh, he took the degree of Doctor of Science in mental and moral philosophy, being the only successful candidate for that degree during the year. Thereupon, having taken the highest honors in Philosophy and Ethics both in London and in Edinburgh, he was elected, in a competition open to England, Scotland and Wales, to the Hibbert traveling scholarship of \$1,000 a year for two years. Availing himself of this scholarship, he went to Germany, where his special studies of the philosophical sciences were prosecuted with great vigor and success at the universities of Heidelberg, Göttingen and Berlin. The Hibbert prize essay on "Kantian Ethics and the Ethics of Evolution," a volume published by Williams & Norgate, attracted wide-spread attention among students of philosophy, and was pronounced by one of the leading English reviews the most dispassionate and acute examination that had ever appeared in English of the moral doctrines of Kant, and of Spencer's "Data of Ethics."

While in Great Britain Dr. Schurman was a pupil of Carpenter, Jevons, Frazer, Calderwood, and Martineau, and while in Germany was under the special guidance of Kuno Fischer at Heidelberg, and of Zeller, at Berlin. Under these masters of philosophical thought, during the five years of his study abroad he not only made a very careful examination of the various systems of ethics and philosophy, but also made a thorough study of the history of philosophy with a view to tracing the development of philosophical speculation. Under a teacher who was an intimate friend of Herbert Spencer he studied the sensational philosophy, both of the older associational and of the newer

evolutionistic type, and under the guidance of Kuno Fischer, Zeller, Lotze, and Pfeiderer he carefully surveyed the metaphysical, ethical and religious philosophy of Kant, Fichte, Schelling, Hegel and their followers. The devotion and success with which these studies were carried on won for him the highest commendation of his teachers. Professor James Martineau, perhaps the most distinguished teacher of Ethics in England says that from knowing him as an assiduous student in England, he has by correspondence maintained a considerable acquaintance with Dr. Schurman's studies, and that he has "no hesitation in bearing witness, that in case he is intrusted with the teaching of psychology, ethics, logic and metaphysics he will discharge his duties with a thoroughness, exactitude and efficiency which will confer distinction upon his department." Letters of similar import are before us written by Jevons, Calderwood, Kuno Fischer and Zeller.

On the return of Dr. Schurman in 1881 to America he accepted a professorship of philosophy in Acadia College, where his success as a teacher was so marked that in the following year he was advanced to the more influential position he now holds in Dalhousie College at Halifax. We have been specially desirous of learning what we could concerning Dr. Schurman's methods and his success as a teacher. In response to inquiries on this point the testimony we have received is most emphatic and satisfactory. Dr. Forest, the president of Dalhousie College, under date of December 5th, 1885, writes as follows:

"Before his engagement with us we knew him well as one of the most popular and promising professors in a neighboring college. He had the reputation of being not only an accomplished scholar, but what in my estimation, is of quite as much importance, a most successful teacher. Of his methods and systems he will doubtless give you full information himself. All I need say is that from his first appearance among us he took hold of the minds of the young men. He undoubtedly possesses the happy faculty of interesting his students in his subject. In addition to his scholarly attainments and success as a teacher he has always manifested a deep interest in the work of the university generally. Not only has he won the respect of the students but the esteem and attachment of the other members of the Senate. Every year he has grown in our estimation. High as were our expectations when he came among us, his steady application and successful work here more than justified them. Among all classes interested in the welfare of our college he is most highly esteemed. For myself I may say that I have the highest appreciation of Dr. Schurman's ability and worth, and sincerely hope that we may be able to retain his services in Dalhousie College."

Dr. Alexander, the professor of English literature in the same institution writes as follows: "Dr. Schurman began his work of teaching in this province some five years ago as Professor in Acadia College. It was not long before his success with his students marked him as the most capable teacher in that institution. So striking were his results that they drew upon him the attention not merely of those connected with that college, but of persons interested in education both in the maritime provinces and in Ontario. Proposals were already on foot for making a position for Dr. Schurman in University College, Toronto, when they were anticipated by the prompt action of Dalhousie College. Of such importance did it seem to the friends of this institution to secure the services of Dr. Schurman that, although at that time he had no ties or personal influence in Dalhousie, a chair was specially founded for that object, and Dr. Schurman invited to fill it.

Since that time he has fully justified the high opinions formed of his capacity as a teacher. He combines all the qualities of a lucid and attractive lecturer with those which belong more especially to the function of a teacher. I refer to his skill in drawing students out by means of questions and conversations, in his leading them to formulate clearly to themselves what they have read or heard, thus bringing home to their own consciousness deficiencies and inaccuracies in thinking. He thus stimulates independent thought, and in his classes animated discussions are not infrequent. He is very successful also in lending an additional interest to the historical side of philosophical and ethical questions by showing the bearing of the past upon the present, the fact that under disguises imposed by different conditions of knowledge and civilization we have the problems of the present discussed by the philosophers of the past. I may add that Dr. Schurman's power of clear and interesting exposition is tested by the success which has attended lectures of his delivered to mixed audiences. As a popular lecturer, he has a high reputation in these provinces."

Dr. MacGregor writes as follows: "He has all the characteristics of a successful university teacher, an impressive presence, a good voice, and a power of so treating even abstruse subjects as to make them not only easily intelligible but deeply interesting. He has been able to arouse among his students an enthusiasm which has led many of them to continue their studies in his department after the requirements of the degree examiners have been satisfied. Professor Schurman is a man of great capacity for heavy work, and enthusiastic in the discharge of his duties. I shall be sorry if Nova Scotia is deprived of Professor Schurman's services, but I cannot refuse to express my opinion that he possesses in full measure all the qualifica-

tions which must be added to scholarship in order to insure success as a teacher."

Notwithstanding the unusually favorable evidence that came before us of Dr. Schurman's qualifications, I was unwilling to take the responsibility of recommending his appointment until I had had an opportunity of judging with some confidence of his characteristics from a personal interview. I accordingly invited him to a conference with the President of the University and myself in New York, and such a conference was held on the 26th ultimo. In the course of the interview the duties of the new professorship were fully and freely discussed, with a result so satisfactory that I have no hesitation in nominating him for the appointment.

Before closing this report I desire to put upon record for permanent remembrance, this statement, that my chief object in founding this professorship, is to secure to Cornell University for all coming time, the services of a teacher who shall instruct students in Mental Philosophy and Ethics from a definitely Christian standpoint; and while the title which I gave in my former communication, comprehends in a general way, just what I mean, I think it best to ask that the following more exact wording of it be the one adopted for actual use, namely, "The Susan E. Linn Sage Professorship of Christian Ethics and Mental Philosophy."

I was happy to find not only through the correspondence held with Dr. Schurman, but also through the personal interview above referred to, that his habits of teaching and thinking are quite in harmony with the desires I entertain in founding the chair. While Dr. Schurman attaches no importance to denominational distinctions, there is abundant evidence that all his teaching is from a distinctively Christian point of view. In conclusion, therefore, I move the adoption of the following resolutions:

Resolved, That Professor J. G. Schurman, Sc. Dr., be, and is hereby appointed Susan E. Linn Sage Professor of Christian Ethics and Mental Philosophy, to enter upon his duties at the beginning of the next collegiate year.

Resolved, That the salary of Professor Schurman be, and is hereby fixed at three thousand dollars a year, and the free rent of such house as may be erected by myself for the incumbent of the professorship, subject only to the conditions named in the communication establishing the chair.

H. W. SAGE.

Ithaca, January 6th, 1886.

On motion the above report was accepted and adopted, and upon ballot duly had, Dr. J. G. Schurman receiving all the votes, was declared unanimously elected Professor of Christian Ethics and Mental Philosophy.

On motion, a lot 100x190 ft. next south of Professor Thurston's was granted to Hon. H. W. Sage, for the purpose of erecting thereon a dwelling house for the Professor of Ethics and Philosophy.

On motion, the Treasurer was authorized to add 40 ft. in depth to all lots on East Avenue, south of President White's lot, which have not heretofore been enlarged by special resolution of this Committee, upon condition that no compensation shall be claimed by any of the lessees of said lots for buildings erected or improvements made upon such additional 40 ft.

On motion, Lot No. 5, East Avenue, being next south of lot granted Hon. H. W. Sage, was granted to Professor E. A. Fuertes, upon usual form of lease.

On motion, adjourned, to meet at Judge Boardman's office, Friday evening, 8th inst., at 7 o'clock.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., January 8, 1886.

Present, Trustees, Sage, Boardman, Tyler, Van Cleef, Adams, Lord, and Williams.

The committee appointed to report upon the question of purchasing the Merritt King Law Library, reported verbally that they had made a careful inspection of the Library, and had received the following offers, viz.: two thousand vols. for \$2,500; two thousand five hundred vols. for \$2,750; three thousand vols. for \$3,000, or the whole Library, about four thousand one hundred vols. for \$3,300. The subject was discussed at some length, and on motion, Mr. Van Cleef was authorized to purchase for the University, the whole Library at \$3,300, provided it contains not less than four thousand volumes, that it tallies with list furnished, and that the sets prove to be complete to his satisfaction.

On motion, Mr. Van Cleef was authorized to purchase the cases containing the Merritt King Library, at an expense of \$37.00.

Application of Prof. Wait for additional ground back of his lot, upon which to build a barn, was, on motion, referred to the Building Committee and Treasurer, with power.

On motion, Mr. Geo. R. Williams was made a member of the Building Committee, in place of Mr. Humphrey.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., February 4, 1886.

Present, Trustees, Sage, Boardman, Adams, Tyler, Lord, Williams, Van Cleef.

On motion, the minutes of meetings of January 6th and 8th were approved as printed.

The following letter was presented, and, on motion, ordered spread upon the minutes :

PARIS, Dec. 22d, 1885.

Chas. Kendall Adams, LL.D., President, etc.

MY DEAR SIR :

Referring to your letter of Dec. 5th, just received, I appreciate in the highest degree the confidence and kindness shown by the Trustees in unanimously electing me to the Honorary Presidency of the University ; and for this, as for the other tokens of good will which they have showered upon me, shall always cherish sincere gratitude. But I feel obliged to decline the especial honor above referred to on various grounds,—the most important being the consideration that there should not even *seem* to be any division in the executive responsibility.

As to another feature in their action,—while I feel not less grateful, it seems my duty to decline that also. I refer to the resolution requesting the State Legislature to make me,—by amending the charter,—a Trustee for life.

While I greatly prize the close personal and official relations which have so long existed between the members of the Board and myself, as well as the opportunity to aid them in continuing the development of the University and you in your administration of it, my dislike to special legislation of the sort required, and my distrust regarding the precedent which would be thus established, oblige me to request and

even to insist that no such effort be made, and that the resolution be allowed to rest simply as a most striking expression of confidence. Will you please renew to the Trustees the sincere expression of my thanks. I remain,

Very respectfully and truly yours,

ANDREW D. WHITE.

The following letter was presented, and, on motion, ordered spread upon the minutes :

DALHOUSIE COLLEGE,
HALIFAX, N. S., January 14th, 1886.

SIR :

I am in receipt of your communication of the 7th inst., notifying me of my appointment to the chair of Christian Ethics and Mental Philosophy in Cornell University.

I am deeply sensible of the honour the Trustees have conferred upon me in singling me out for this important position.

The responsibilities devolving upon the incumbent of the new chair will be so weighty that I should hesitate about incurring them were I not already assured that my endeavours to discharge faithfully the duties of the professorship would be attended with sympathy and estimated with kindly forbearance by trustees, professors, and friends of the University. But with that assurance, my decision is unhesitating, and I accept the appointment the Trustees have so spontaneously bestowed upon me, in the earnest hope that it may tend to the advance of philosophical science and add, not only a unit, but an efficient factor, to the staff of instruction in Cornell University. I have the honour to be,

Your obedient servant,

JACOB GOULD SCHURMAN.

President C. K. ADAMS,
Cornell University.

A letter from Prof. S. G. Williams, accepting the appointment to the Professorship of the Science and Art of Teaching, was presented, and, on motion, ordered on file.

Application of Professor W. T. Hewett for permission to place a memorial window of his wife in Sage Chapel, was, on motion, referred to the Building Committee, with power.

The application of Prof. Charles Babcock for leave of absence, on full salary, during the spring term of the University year 1886-87, in lieu of the privilege recently granted professors of taking, upon certain conditions, one year, in every eight, as a vacation on half pay,

was, on motion, granted, upon condition that arrangements for instruction during his absence be made which shall be satisfactory to the President and the Faculty.

A communication from Prof. Thurston, in regard to additional lights upon the campus, was read, and, on motion, \$500 was appropriated for the purchase of the necessary apparatus, the location of the lights to be subject to the approval of the President.

The question of the University's assuming the expense of lighting the Botanical Lecture Room for the lectures of Teachers' Association, was, on motion, laid on table.

The committee to whom was referred, with power, the question of ventilation of Faculty Room, reported verbally that they had authorized the putting in of a fire-place, the re-arrangement of the steam radiators, and the exchange of the gas jets for an electric light.

Mr. Van Cleef reported verbally that in accordance with the resolution of the committee passed Jan. 8, 1886, The Merritt King Library had been purchased, and transferred to the McGraw Building, and that it was found to contain 4,061 vols.

A communication from Mr. G. L. Burr, explaining the agreement between President White and Mr. F. L. Chrisman in regard to tuition fees of the latter, was presented, and, on motion, it was

Resolved, That Mr. Chrisman be allowed free tuition in the University.

On motion, the Cornell Congress and the Prohibition Club were granted free use of Cascadilla parlor, when not needed for other purposes, they to furnish their own fuel, lights, and janitor service, the use of same to be subject to the approval of the Treasurer.

On motion, \$2,500, or so much thereof as may be necessary, was appropriated for the payment of bills and completion of repairs on the President's house.

On motion, the lot upon campus granted on Jan. 6th to Mr. Sage was changed from lot next south of Prof. Thurston's, to Lot No. 4 East Ave., being the lot next north of Prof. Hale's. And the lot granted to Prof. Fuertes was changed to Lot No. 6, being the lot next south of Prof. Thurston's.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., February 27, 1886.

Present, Trustees, Sage, Boardman, Adams, Lord, Tyler, Williams, Van Cleef.

On motion, the minutes of meeting Feb'y 4th were approved as printed.

A petition from the Executive Council of the Seabury Guild, asking for a lot upon the campus upon which to erect a building for the use of the Guild, was presented, and, on motion, laid on table for future consideration.

Application of Prof. Fuertes for an appropriation to meet his expenses while attending Meteorological Convention at Washington, D. C., was, on motion, denied.

A communication from Prof. Thurston, asking that grade and sidewalk line of East avenue be established, and that grading and laying of walks be done under the direction of the University authorities, the cost of same in front of leased lots to be assessed to party holding lease, was, on motion, referred to Committee on Grounds to examine, with the request that they consult parties interested, and report, with recommendations, to this Committee.

On motion, the President was authorized to print 500 copies of the addresses delivered at the unveiling of the Sibley Portrait and Agassiz Memorial.

Prof. Thurston came before the Committee and asked that the Master Carpenter, Master Moulder, and Master Blacksmith in his department be given the rank of Instructors at salary of \$750 per annum, and that they be placed upon the regular salary list. On motion, the question was referred to the Committee on Departments of Applied Science, to report.

On motion, the Treasurer was authorized to pay claim of John E. Sweet, \$244.51, for expenditures made by him account Centennial Exhibit.

Application of Prof. Hale for an appropriation of \$100, for the purchase of two Roman Portrait Busts for his department was, on motion, referred to Messrs. Tyler, Lord, and Pres't Adams, with power.

Communication of Adolph Wittemann, regarding the publication of a Souvenir Album containing photographs of University Buildings and Grounds was, on motion, laid on table.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 16, 1886.

Present, Trustees, Sage, Boardman, Williams, Schuyler, Tyler, Adams, Van Cleef, and Lord.

Minutes of meeting Feb'y 27th, approved as printed.

President Adams stated to the Board that he had asked the Secretary of War to detail Lieutenant W. S. Schuyler for an additional three years as Professor of Military Science and Tactics at the University, and had received in reply a letter, stating that the interests of the service would not admit of the continuation of Lieutenant Schuyler's term at Cornell University. The following resolution was thereupon offered, and on motion adopted :

Resolved, That the President of the University be authorized to request of the Adjutant General of the U. S. A., the detail of First Lieutenant W. P. Van Ness to Cornell University, as Professor of Military Science and Tactics, for three years from Oct. 1, 1886.

Resolved, That Professors Fuertes, Thurston, and Morris be requested to examine and report at the earliest day practicable, in regard to the whole subject of the water-supply on the Campus, and the best manner of making that supply sufficient and permanent. Carried.

Resolved, That the petition in regard to the rental of a lot for the use of the Seabury Guild be taken from the table, and referred to George R. Williams, Mr. Lord, and Professor Prentiss, with the request that they report on the subject at the earliest day practicable. Carried.

A communication from Professor Anthony was presented, and on motion, referred to Committee on Applied Sciences to report.

Resolved, That a Standing Committee be appointed, to be known as "The Committee on Ancient and Modern Languages," the duties of this committee to be essentially similar to those of the Committees on the Applied Sciences, and on the Natural Sciences. Carried.

Resolved, That the Committee on Languages consist of Trustees Tyler, Lord, and Van Cleef. Carried.

Resolved, That the Committee on Languages, together with the President, be requested to consider and report upon what modifications, if any, should be made in the present teaching force of the classical languages. Carried.

Resolved, That the Faculty of the University be requested to consider the advisability of modifying the existing rule in regard to the age at which special students in Agriculture are admitted to the University, and that in case they deem such modification advisable, they be authorized hereafter to admit special students to the Courses in Agriculture, and the branches immediately allied therewith, at the age of eighteen years on the same terms as heretofore they have admitted them at the age of twenty-one, and that students so admitted, like other students pursuing the Course in Agriculture, be admitted without payment of tuition. Carried.

Resolved, That in the Summer Course of Entomology, tuition be free to all graduate students, and to all students matriculated in any of the regular classes of the University. That to all other students the tuition be twenty-five dollars (\$25) per term. Carried.

Resolved, That the Committee on Buildings, together with Professor I. P. Roberts, be instructed to examine and report upon the practicability and the cost of fitting up for the purposes of the Agricultural Museum, three rooms in the basement of Morrill Hall, immediately beneath the present Agricultural Lecture Room, and the room of the Instructor in History. Carried.

Resolved, That the playing of base ball on the University Campus be prohibited to all persons, except to the students of the University, and such persons as may be invited by the students to play with them; and that the Treasurer be directed to enforce this rule. Carried.

The report of Professors Law, Roberts, and Morris, in regard to location of proposed Veterinary Building, was presented. On motion, *Resolved*, That the Building Committee, together with the President and Professors Law and Anthony, be requested to investigate and report to the next meeting of the Executive Committee in regard to the practicability of moving the Magnetic Laboratory to the north side of the Free Hollow Road, straightening the road, so that it will pass within twenty or thirty feet of the front of the house now occupied by Professor Thurston, and placing the proposed Veterinary Building on or near the site of the present Magnetic Laboratory. Carried.

A communication from Professor H. S. Williams was presented, and on motion, referred to Committee on Natural Sciences to report.

On motion, the Superintendent of Grounds was directed to mow the lawn in front of the President's house.

A report from the Committee on Grounds, in regard to a walk on East Avenue, together with a communication from the professors living on the line of the proposed walk, offering to pay for same in front of their respective lots, was presented. On motion, the Building Committee was authorized to contract for a walk on East Avenue, with connecting walks Nos. 1 and 2, as recommended by the Committee on Grounds, on a basis of the proposition submitted by the Professors.

A letter from Mr. H. C. Putnam, in regard to his claim against C. U., was presented. On motion, the Treasurer was authorized to tender Mr. Putnam \$365.80, in full settlement of all demands to date.

On motion, \$60 was appropriated towards the expense of the "University Hand-Book," published by the Y. M. C. A., and in settlement for 2,250 copies of same, which are to be delivered to the University.

On motion, the question of renting the dining-room in Cascadilla to Mrs. Crittenden, and the bakery in same building to Mr. Legg, was on motion, referred to Building Committee with power.

On motion, Mr. Geo. R. Williams was appointed a member of the Auditing Committee in place of Mr. Humphrey.

On motion, Dr. Tyler was appointed a member of the Committee on Natural Sciences in place of Mr. Humphrey.

The following report was presented :

At the Executive Committee meeting of Feb. 27th, 1886, the Director of the Mechanical Department asked that the Master Carpenter, Master Moulder, and Master Blacksmith, in his department, be given the rank of instructors at a salary of \$750 per annum, and that they be placed upon the regular salary list.

This was referred to the Committee on Applied Sciences, who respectfully submit the following report :

We believe that *good* master workmen would grow in value to the department by continuous engagement, and that such engagement would foster a wise and systematic planning of future work, and would secure for those instructed the benefit of that skill in instruction which can only be gained by experience.

The salary suggested does not seem exorbitant, if,—as the committee understand,—it is designed to cover continuous work, in vacation

as well as term time, for the benefit of the department or of the University, when no instruction is required.

We believe it to be the duty, and understand it to be the purpose, of the Board to use all reasonable means to make the Mechanical Department efficient and successful, and therefore advise the adoption of the course suggested by the Director, regarding Master Carpenter, Moulder and Blacksmith.

For further information of the Board we submit herewith "Memorandum relating to shop instructors," which the Director has kindly placed in our hands. Also a clear outline of plan for future work of the department, which he has prepared.

GEO. R. WILLIAMS, Chairman.

April 16th, 1886.

On motion, the above report, with recommendations, was accepted and adopted.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 22, 1886.

Present, Trustees, Sage, Adams, Schuyler, Williams, Tyler, Lord, and Van Cleef.

The reading of minutes of the meeting of April 16th, was, on motion, postponed.

The Building Committee reported that they had authorized the Treasurer to rent the dining-room and room west of same, in Cascadilla, for \$200 per annum; also the bakery in basement of same building, for \$300 per annum. On motion, the report was accepted and adopted.

The Building Committee reported that they had examined rooms in basement of Morrill Hall, with a view to having same arranged for use of Agricultural Museum, and recommended that Professor Roberts be authorized to fit up four rooms at an expense of \$100 per room, and that he be allowed \$300 for purchase of apparatus.

On motion, *Resolved*, That the sums recommended by the Building Committee for the Agricultural Department be appropriated. Carried.

The Committee appointed to report upon a site for the proposed Veterinary Building, reported that they had not fully agreed upon same, and asked for additional time.

On motion, *Resolved*, that the question of location of proposed Veterinary Building be referred to the Building Committee with power, and that said Committee be empowered to make contracts for erection of same. Carried.

Resolved, That the Building Committee be made the Committee on Buildings and Grounds. Carried.

Resolved, That the Treasurer be instructed to employ a man to examine by needful excavation all points on the University grounds east of East Ave. and south of the East and West road, to discover, if possible, a supply of sand for the use of the University. Carried.

Resolved, That a committee of three, of which President Adams shall be Chairman, be appointed, with power, to consult with architects and procure plans and estimates of cost for a Library Building, and if possible, have them completed within fifteen months from this date, for the approval of this Board. Carried.

Resolved, That the basis of cost for said building, with its equipments, should not exceed two hundred thousand dollars. Carried.

On motion, Mr. Sage and Mr. Lord were appointed members of the above committee.

Mr. Tyler, Chairman of the Committee on Ancient and Modern Language Departments, made on behalf of the Committee the following report :

“Your Committee have met the President, and have considered the importance of a development of the Classical Department, in accordance with the suggestions he made in his Inaugural Address.

We ask, that the University foster all its departments with impartial generosity. Cornell University, with its ample endowment, and excellent Faculty, will soon, we hope, become the peer of Harvard and Yale. Its reputation, thus far, has been very largely that of a School of Technology of the highest order. Students have sought other institutions for classical culture, not being informed as to the excellent instruction given here in Greek and Roman Letters. The attention of the American public must be called to our Classical Department by some bolder and more public policy. A new Instructor is indispensable ; and the question has arisen, whether we shall be content with an Instructor, or, taking a step in advance, secure the addition to the classical staff of an Associate Professor of Greek and Latin Literature, and of Comparative Philology. We think the time has come to strengthen the Department. We believe that students who seek the literary professions—the Law, the Ministry, and Medicine, will flock to our University, and amply compensate us for the slight additional expenditure of money.

We have a brilliant opportunity to secure one of the most accomplished of scholars, Professor B. I. Wheeler.

Dr. Wheeler was graduated at Brown University with very high honor in 1874. For some years he was classical teacher in the Providence High School and was so successful that he was soon called into the faculty of Brown University, where for two years he taught Latin and Greek. In 1880 he was elected to the Principalship of the Providence High School at a salary of \$2200. This he declined in order to prosecute his studies in Germany. Going abroad, he continued four

years in Continental Europe, where he received the instruction of the best linguists of the day, and in 1885 took the degree of Ph.D., *summa cum laude*, a distinction rarely attained even by a German student. Returning to America, he has, during the past year, been employed at Harvard, and has recently been elected to a Professorship at Bowdoin College, at a salary of \$2,000. To that call he has promised to give an answer before the 1st of May. He, however, prefers a chair that will not have to do exclusively with either Latin or Greek, but will give opportunity for a more comprehensive study of Antiquity and of Comparative Philology. As this is precisely the field that needs to be developed here, we have been led to hope that he might accept a situation at Cornell rather than at Brunswick. With a view to ascertaining in regard to the quality of his work, we have applied directly to the authorities at Harvard and Brown for confidential information. Letters have been received from President Robinson, President Eliot, Professors Lincoln, Harkness, Dyer, Lanman, Smith, and Sheldon. All of these writers are earnest and the most of them are enthusiastic in praise of Mr. Wheeler, both as a scholar and a teacher. Unless the Professors above named are all at fault, Mr. Wheeler unites in himself the qualities that are likely to confer lustre upon the University. Professors Hale and Flagg concur in this belief and will welcome his coming with enthusiasm.

Your committee, therefore, are unanimous in the hope that the Executive Committee will at once see their way to recommending his appointment to the full Board of Trustees. We think it would be short-sighted policy to let this opportunity escape us, as it is hardly probable that we shall find in a decade another man so eminently qualified in all respects. With the hope that action will at once be taken by the committee, this report is respectfully submitted.

(Signed) CHARLES M. TYLER,
Chairman."

President Adams was asked his opinion of the matter, and spoke substantially as follows: He said he had hoped that the work needed could be done by an Instructor; but the more he had examined the matter the more difficulties he had found in the way of such an arrangement. He said that one element in the case had not been alluded to, and that was the condition of the Department of History. Since Professor Russell went away no provision had been made for the teaching of Mediæval History; indeed, with the exception of American History, instruction in that department was ill organized

and unsystematic. It could not be otherwise unless the Department of History was relieved from the teaching of Ancient History, or was furnished with another Instructor. If the Department of Ancient Languages could take the teaching of Ancient History, the Historical Department could then teach Mediæval and Modern History in a much more satisfactory manner. Such an arrangement could be made if Professor Wheeler were appointed. He was, however, not willing to recommend his appointment till he had seen him and talked over with him the nature of the work. Though the testimonials were of the highest character, he yet should prefer to reserve his judgment till he had had an interview with Professor Wheeler, who had signified a willingness to visit the University. He said that the Trustees ought to be informed that Mr. Wheeler would not accept of an appointment unless there was a definite understanding that in case of acceptable service he should, at the end of three years, receive the full Professorship and the full Professor's salary.

On motion, the subject was then unanimously referred to the President with authority to invite Mr. Wheeler to the position, in case the proposed interview should prove entirely satisfactory, with the understanding, however, that the present action can be of binding force only after ratification by the Board of Trustees.

Adjourned.

E. L. WILLIAMS, Secretary.

E. K. Adams

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 17th, 1886.

Present, Trustees Sage, Adams, Boardman, Lord, Tyler, Van Cleef, Williams.

The Sec'y being unable to attend ; on motion G. R. Williams was appointed Sec'y pro. tem.

By request of President Adams, Professor Newbury presented a statement of desirable changes in the Chemical department, and its work, and the Professor was informally requested to prepare and submit plans and estimates for a building which his suggestions involved.

Two communications from Professor H. S. Williams were presented, and on motion referred to the Committee on Natural Sciences.

A communication from Professor Cleaves, with note from Director Thurston, was referred to Committee on Applied Science.

A communication from Professor Roberts was, on motion, referred to Committee on Applied Science.

On motion, *Resolved*, That the President be authorized to employ, at his discretion, a man to fill the office of Registrar and to act as his Private Secretary, at a salary not to exceed \$1000 per annum.

On motion, *Resolved*, That Professor Schaeffer be appointed "Dean of the Faculty," upon the nomination of the President.

Report was made of the acceptance by Professor Wheeler of the position offered him at a salary of \$2000.

Adjourned.

GEO. R. WILLIAMS, Sec. pro. tem.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 25th, 1886.

Present, Trustees Sage, Adams, Lord, Williams, Tyler, Boardman, and Van Cleef.

Minutes of meeting held May 17, 1886, read and approved.

Dr. Newbury came before the Board and reported progress in the matter of plans and estimates for proposed additional building for the Chemical Department, and asked further time for completion of plans, which was granted.

President Adams reported that the Faculty had considered the question of requirements for admission of Special Students in Agriculture, and had changed same as suggested on page 46 of the minutes of this committee.

On motion, *Resolved*, that Professor Shackford be and is hereby authorized to surrender to the University the lease of the lot held by him upon the Campus, and that upon the cancellation of said lease, the Treasurer be, and is hereby, authorized to execute a new lease to Professor J. E. Oliver for said lot, and to advance, not to exceed \$2,500, to be secured by Bond and Mortgage upon the building thereon. The description of the lot to be submitted to and approved by this Committee before new lease is executed.

On motion, *Resolved*, that the President and Treasurer be authorized to print 1500 copies of the President's forthcoming report in time for circulation among the Trustees before the meeting of the Board.

On motion, *Resolved*, that Professor Schaeffer be paid \$200. per annum for services as Dean of the Faculty.

On motion, *Resolved*, that the schedule of increase of salaries on page 29 of the minutes of this committee be amended to the extent of

making the salaries of Professors H. S. White and W. T. Hewett, \$2,400 each. This action being taken to correct an error in said schedule.

On motion, the following appropriations were passed, viz :

For salary and expenses A. H. Love, Feb. 1st, to Aug. 1st, examining and reporting upon University investments, \$1,320. For ventilation Faculty Room and repairs Laboratory Building, \$425. For Security Vault at Treasurer's office, \$4,700. For East Avenue walk, \$1,450.

On motion, *Resolved*, That the accrued interest upon the tuition notes of A. S. Hathaway be remitted upon condition that the principal with interest from this date be paid within one year from Aug. 1st next.

On motion, the question of renting Messrs. Cox and Baright a room on first floor, White Hall for use as a students' bookstore, was referred to the President and Treasurer, with power.

The question of repairing the fence around the Reservoir was referred to the Treasurer, with power.

On motion, the letters of Governor Hill, Lieutenant-Governor Jones, Speaker Husted, Superintendent Public Instruction Draper, and President McCann, of the State Agricultural Society, recommending Lieutenant C. F. Tillson for the Professorship of Military Tactics at Cornell University, were ordered on file, and the Secretary instructed to acknowledge same, and to explain that the appointment of Lieutenant Van Ness had already been made.

Report of Superintendent of Grounds in regard to proposed work on road bed of East Avenue was referred to Committee on Buildings and Grounds.

Adjourned.

E. L. WILLIAMS, Secretary.

C. K. Adams

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 8th, 1886.

Present, Trustees Sage, Schuyler, Lord, Adams, Boardman, Van Cleef.

Minutes of meeting May 25th, 1886, approved as printed.

The Finance Committee submitted the following list of securities, purchased since the date of their last report, viz. :

BONDS.

City of Newton, Kan.	due 1915,	6s,	\$34,000	@	99
Springdale Tp. "	" 1905,	7s,	13,500		109
Anderson Co. "	" 1900,	6s,	23,000		104¾
Reno Co. "	" 1905,	6s,	8,000		103
Boone Co., Neb. dated 1886,	10-15s,	6s,	10,000		103½
Cowley Co., Kan. " 1885,	10-30s,	6s,	15,000		99
Mound City Tp. " " 1882,	10-30s,	7s,	15,000		106
Beatrice, Neb. " 1886,	5-20s,	6s,	7,000		104

Contracted for but not yet delivered :

Otoe Co., Kan. dated 1886,	10-20s,	6s,	30,000	@	104
Wyoming Territory, Capitol and University, Bonds, dated 1886,	15-25s,	6s,	100,000		

5¼ interest basis :

MORTGAGES.

Gustave Koehler, Neb.	6½ per cent.	12,000
A. S. Race, Kan.	7 "	7,000
I. Flagg, Ithaca,	6 "	3,000
Filson & Davis, Neb.	7 "	3,200
E. Stillings, Kan.	7 "	8,000
F. D. Mills, "	6½ "	6,000
H. Cooper, "	6½ "	7,000
J. F. Wellington, Kan.	6 "	5,000
F. C. Dodge, Neb.	6½ "	10,000

Contracted for but not yet delivered :

J. R. Young, Neb.	6	per cent.	3,000
Edward Cooper, "	6	"	2,200
Amos W. Frank, "	6	"	2,000

On motion, the action of the Committee in purchasing the above securities, was ratified and approved.

On motion, the Kappa Alpha Society was granted the privilege of using the Military Hall and Gymnasium for a reception, Monday, June 14th, upon the usual conditions.

On motion, *Resolved*, That any Class or Society which shall hereafter be given the privilege of using the Military Hall and Gymnasium be required to deposit with the Treasurer the sum of \$25.00 to be used, if necessary, in defraying the expenses of preparing the Hall, and restoring same to its former condition.

Resolved, That permission be hereby granted to the American Philological Association, to make use of Sage College and the Botanical Lecture Room at its meetings in July, 1886.

On motion, leave of absence was granted to Professor H. S. White for the next University year, in accordance with the provisions of the statute governing leaves of absence. (See page 18 of Printed Minutes.)

On motion, \$100 was appropriated to the German Department, same to be placed at the disposal of Professor H. S. White, to be expended for the Department while in Europe.

A communication from Dr. Hitchcock in regard to a running track upon the Campus was, on motion, referred to Committee on Buildings and Grounds.

A communication from Professor Anthony, in regard to the purchase of an instrument to serve as a companion to the great Tangent Galvanometer, and asking that arrangements be made to give his Department more room in the basement of the Physical and Chemical Laboratory, were, on motion, referred to the Committee on Applied Science.

The Committee appointed to report upon the question of permanent and sufficient water supply, submitted a written report, recommending the purchase of an additional pump, the laying of additional pipes from the creek to pumps, and from pumps to reservoir, and the enlargement of pump-well and pump-house, all at an expense of about \$4,000.

On motion, *Resolved*, That the sum of \$4,000 be and is hereby appropriated to be expended under the direction of the Committee on

Buildings and Grounds, for increasing the water supply at the University, and that said Committee be requested to recommend a set of rules and regulations to govern the use of water, including rate of charges to be made for same.

On motion, \$200 was appropriated to cover expenses incurred in cementing the reservoir.

The following was submitted :

The petition in regard to the rental of the lot for the Seabury Guild, was referred to a committee to examine and report. Having examined the question, the committee herewith present their report, as follows :

That they cannot advise the granting of any privileges to the Guild upon the University Campus, but they see no objection to a sale at a low price, to the Seabury Guild, of the small lot directly west of Cascadilla, which is now University property, and they believe that this lot is favorably situated for the uses of the Guild.

Respectfully submitted,

GEO. R. WILLIAMS,

Ithaca, June 8, 1886.

Chairman.

Special Com.—Hon. H. B. Lord, Prof. Prentiss, G. R. Williams.

On motion, the Treasurer was authorized to pay Professor Shackford the amount of next year's salary, as voted by the board, at the close of the present year.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, June 12th, 1886.

Present, Trustees Sage, Boardman, Adams, Lord, Williams, Van Cleef.

Dr. Newbury came before the Committee, and presented plans and estimates for the proposed new building for Chemical Department. On motion, the matter was referred to Committee on Buildings and Grounds, to perfect plans and specifications, and procure bids for the erection of the building.

On motion, the disposal of the rooms in the Physical and Chemical Laboratory, to be made vacant by the removal of the Assay Laboratory and Photographic rooms, was referred to Committee on Buildings and Grounds, with power.

On motion, communications from the Professors of Botany, Comparative Anatomy, Entomology and Geology, in regard to appropriations for next year, were referred to Committee on Natural Science, and communications from the Professors of Physics, Chemistry and Architecture on same subject, were referred to Committee on Applied Science.

On motion, \$200 was appropriated for the purchase of lantern slides for use of Dr. Wheeler.

On motion, the Committee on Buildings and Grounds were authorized and instructed to have the cat-house and deer yard removed to some suitable place north of the Free Hollow road.

The following was presented :

Building Committee, June 1, 1886, Sage, Adams, Williams, present.
Resolved, To build sidewalk four feet wide, on east side of elm trees on East Avenue, from north line of President Adams' lot, to south line of Professor H. S. Williams' lot, except that Professors Tyler and

Hale,—who object to having walk on east side of trees, because they claim it is on their ground—can build on west side of trees, if they desire to ; the depression between Professor H. S. White's and Professor Thurston's lots, to be filled to proper grade from road out. The walk to be built across all the Professors lots at their cost, and the University to build across their own ground.

On motion the above report was accepted and adopted.

The following was presented :

*To the Executive Committee of the Board of Trustees
of Cornell University :*

The undersigned, Committee on Natural Sciences, to whom was referred the application of Professor Henry S. Williams, for the appointment of two instructors in the Department of Geology and Paleontology, recommend the appointment of Mr. J. F. Kemp, as instructor in Physical Geology, in accordance with the desire of Professor Williams, and that an instructor in Paleontology, be also appointed. If the instruction in the study of Paleontology can be well and satisfactorily given by an assistant with the rank and pay of a Fellow, your committee would recommend the appointment of a suitable and competent person to give instruction in that subject, instead of appointing an instructor, with the full instructor's salary.

M. VAN CLEEF,
D. BOARDMAN,
Committee.

Dated, June 12, 1886.

On motion, the above report was accepted and adopted.

The Committee on Natural Science to whom was referred the application of Dr. Wilder for an appropriation of \$985, reported verbally recommending the appropriation of \$190, for the purpose of paying for and mounting skin and skeleton of manatee, and that action upon the balance of appropriation asked for, be deferred until next year's appropriations are made.

On motion, the above report was accepted, and \$190 appropriated as recommended.

Plans for the house to be erected by Professor Fuertes, were presented, and on motion, referred to Committee on Buildings and Grounds, with power.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 16th, 1886.

Present, Trustees Cornell, Adams, Jones, Husted, Draper, McCann, Tyler, Parker, Williams, Van Cleef, Boardman, Sage, Warner, Schuyler, Barnes, Gluck, Sibley, Woodford, Foraker, Lord, Brooks, and Van De Water.

The minutes of meeting held Nov. 20th, 1885, were read.

President Adams being of the opinion that the resolution entered on page 19 of the printed minutes, discontinuing the Professorship of Sanscrit and Modern Oriental Languages, was withdrawn, and as similar action was taken by the Executive Committee at a later date, (see page 27, printed minutes), the resolution above referred to was ordered expunged from the minutes of the Board. The minutes as amended, were on motion, approved.

The minutes of the Executive Committee, from Dec. 18, 1885, to and including June 12, 1886, were read, and on motion, approved.

The committee appointed to report upon the question of establishing a law school, submitted their report, which, upon motion of Mr. Cornell, was adopted, and the Executive Committee instructed to submit at a future meeting of the Board, a plan for carrying out the several recommendations contained therein, and to print an edition of said report for distribution.

President Adams presented his annual report, which upon motion, was placed on file.

A petition signed by a large number of students in the University, asking that some provision be made for the future maintenance of Professor Rœhrig was presented. At the request of the Board, President Adams submitted the following statement and answer to the petition, which was on motion, accepted and adopted, viz. :

In reply to the petition in regard to the retirement of Professor Rœhrig, the Trustees of Cornell University beg respectfully to say, that the action was not taken without due and careful consideration. At the November meeting of this Board, the Committee on Reorganization reported informally that they would probably recommend the discontinuance of the Chair of Sanscrit and Living Asiatic Languages at the end of the present year, and that in view of this prospective recommendation, the President of the University had already privately informed Professor Rœhrig of the action that would probably be taken, in order that he might have opportunity of seeking other employment in the course of the present year. It was reported that this information had been given in answer to the statement of Professor Rœhrig to the President, that his last pupil had withdrawn from his instruction, and that there seemed to be no way of making the Department of Sanscrit and Modern Asiatic Languages prosperous, except by making the studies obligatory upon the students of the classical course. In view of the fact that neither the Faculty nor the Board would be willing to provide the desired legislation, it was recommended that the department be discontinued, in order that Professor Rœhrig might avail himself of the leisure of the year, while still receiving his salary, to secure other engagements. In view of these facts, the Board are of the opinion that the action of the Executive Committee was entirely justifiable; and that action therefore, has been confirmed.

Moved and carried that the Board proceed to the election of two trustees to succeed Amasa J. Parker and Geo. R. Williams.

Upon ballot duly had, Amasa J. Parker and Geo. R. Williams received 17 votes which being the total number cast, they were declared unanimously elected Trustees of Cornell University for five years.

Resolved, First, That the Honorable Henry W. Sage be, and is hereby requested to sit for his portrait to be suitably placed in one of the buildings of the University, as a memorial of his munificence, and of his untiring labors in behalf of the University.

Resolved, Second, That the Executive Committee of this Board be, and are hereby authorized to make suitable arrangements regarding the painting of said portrait, and the placing of it in the University. Carried.

Resolved, That the reports and recommendations in regard to the Library and University grounds, and the Department of Physical Culture, be referred to a Committee, consisting of Trustees Lord, Sage, Williams, Brooks, and Parker. Carried.

Resolved, That the recommendations of the Departments of Agriculture, Veterinary Science, Architecture, Civil Engineering, Chemistry, Physics, Mechanical Engineering, and the Mechanic Arts, with the requests for appropriations by the same, be referred to a committee consisting of Trustees Williams, Lord, Sage, Sibley and McCann. Carried.

Resolved, That the recommendations made by the heads of the Departments of Botany, Anatomy, Entomology, Geology, and Paleontology, and the requests for appropriations by the same, be referred to a committee, consisting of Trustees Van Cleef, Lord, Boardman, Draper, and Brooks. Carried.

Resolved, That the recommendations of the Professors of Greek, Latin, Germanic, Romance, and English languages, together with their requests for appropriations, be referred to a committee, consisting of Trustees Tyler, Lord, Van Cleef, Warner, and Gluck. Carried.

Resolved, That the reports of the several special committees appointed at this meeting of the Board, in so far as they involve the recommendations of any expenditure of money, be referred to the Committee on Appropriations ; and that the Committee on Appropriations be requested to collate these recommendations and report upon them as a whole to the Executive Committee ; and that the Executive Committee be, and are hereby authorized to take final action in making the annual appropriations for the several departments. Carried.

Resolved, That so much of the President's Report as refers to the matter of approaches to the grounds, and the policy of the erection of dormitories, be referred to a special committee consisting of Trustees Adams, Sage, Brooks, Lord, Gluck, Woodford, and Williams ; and that this committee be requested to make any preliminary inquiries that they may deem necessary, and to report at their earliest convenience. Carried.

Resolved, That a Committee of six be appointed and instructed to inquire whether any, and if any, what, modification of the State law in regard to scholarships is desirable ; and that such committee be requested to report on the relations of the University to the State, at the Fall meeting of this Board.

Resolved, That such Committee consist of Trustees Draper, Brooks, Boardman, Jones, Parker, and Sage. Carried.

Resolved, That the Committee on Buildings and Grounds be, and are hereby authorized to continue the work of removing the chim-

neys, and rearranging the rooms of White Hall and Morrill Hall, in accordance with the recommendations of the Committee of the Faculty, presented at the June meeting in 1885. Carried.

Resolved, That Benjamin I. Wheeler, Ph. D., be, and is hereby appointed Acting Professor of Classical Philology, and Instructor in Latin and Greek, for the period of three years, and at a salary of \$2,000 per annum. Carried.

Resolved, That the following persons be appointed Instructors for one year, at the salaries affixed to their respective names :

Paul D. Brun,	(Re-appointed),	\$1,000
Bolton C. Brown, . .	"	1,000
W. C. Dole,	"	1,000
J. O. Griffin,	"	1,000
A. S. Hathaway,	"	1,000
F. H. Hodder,	"	1,000
E. W. Huffcut,	"	1,000
J. J. Hayes,	"	1,000
J. McMahon,	"	1,000
F. Van Vleck,	"	1,000
C. B. Wilson, (German)		1,000
Courtney Langdon, (French)		1,000
Edward E. Hale, Jr., (English)		750
J. F. Kemp, (Paleontology)		750
C. S. Prosser, (Geology)		750
W. Newcomb, (Conchology)		750
Rufus Anderson, Foreman.		1,200

Also the following as Lecturers, at the salaries affixed to their names :

L. B. Arnold,	\$ 175
F. B. Sanborn, (\$900 and expenses,)	1,000

Carried.

Resolved, That the law books recently purchased, and those hereafter acquired, be designated the Law Library of the Cornell University. Carried.

Resolved, That hereafter the meetings of this board be held in some suitable room upon the University Campus.

Mr. Woodford moved, That the Executive Committee be instructed to hereafter provide an annual Alumni collation upon the University grounds, immediately after the Commencement exercises.

It being suggested that the Alumni had appointed a committee to consult with the Trustees, with a view to establishing an annual Alumni dinner, to be given at Commencement, Mr. Warner moved the following substitute :

Resolved, That it be referred to the Executive Committee to provide an Alumni dinner at Commencement a year hence, the arrangements and place to be left to the discretion of such committee. Carried.

On motion, adjourned to meet at the Faculty room, at 3 p. m.

Reassembling at 3 p. m.

Resolved, That the Secretary of the Executive Committee act as Secretary of this Board, during the temporary illness of Mr. Humphrey. Carried.

Resolved, That the Secretary of this Board be requested to deposit his books and papers with the Treasurer. Carried.

Resolved, That the time has arrived when it would seem for the best interests of the University, and a just recognition of eminent services in the fields of science and letters, that it should confer honorary degrees ; but that no such degree shall be conferred, except upon a vote, by ballot, of three-fourths of the Faculty, with the approval of a majority of the Board of Trustees.

Carried, Mr. Warner voting in the negative.

The committee appointed to report upon the question of providing retiring allowances for Professors, reported progress, and asked for further time, which was on motion, granted.

The certificate of the election by the Alumni, of Mynderse Van Cleef, as a Trustee of the University for five years, was presented and ordered on file.

On motion, \$55 was appropriated to the Military Department, to pay for music at drills.

Resolved, That a committee of five be appointed to consider and report to this Board at its Fall meeting the details of a plan for publishing such theses and papers by the fellows and students of the University, as shall be recommended by a three-fourths vote of the Faculty, to the Trustees for that purpose. Carried.

The Chair appointed as such committee, Messrs. Gluck, Brooks, Warner, Boardman, and Williams.

On motion, adjourned to meet at the McGraw Building, at 8.30 tomorrow morning.

Thursday Morning, 8.30.

Resolved, That the Lieutenant-Governor, the Speaker of the Assembly, and the Superintendent of Public Instruction be added to the Executive Committee of this Board. Carried.

Resolved, That five constitute a quorum of the Executive Committee. Carried.

Resolved, That Dr. Edward Hitchcock, Jr., be re-appointed for two years in his present position as Acting Professor of Physical Culture, at a salary of \$2,500 per annum. Carried.

The list of degrees recommended by the Faculty, to be conferred at Eighteenth Annual Commencement, to be held this day, was presented, and on motion, approved.

The Secretary of the Faculty having certified to this Board, that the Faculty had duly recommended the conferring of the degree of LL. D. upon ex-President A. D. White, and President D. S. Jordan :

Resolved, That the action of the Faculty be, and is hereby approved, and the degrees ordered conferred as recommended. Carried, the required majority of the board voting aye.

Resolved, That all questions arising under the recent amendment to the act governing the appointment of State Students to Cornell University be referred to the Executive Committee, and that said Committee be authorized to take such action in regard thereto, as may to them seem wise.

On motion, adjourned.

E. L. WILLIAMS,
Secretary, *pro tem*.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 23rd, 1886.

Present, Trustees Sage, Boardman, Adams, Lord, Van Cleef, and Williams.

On motion, the reading of the minutes of the previous meeting was dispensed with.

On motion, \$7,000, or so much thereof as may be necessary, was appropriated for the erection of an additional building for the Chemical Department.

A communication from Professor W. R. Dudley, stating that the cost of publishing "The Catalogue of Flowering Plants of the Cayuga Lake Basin," had exceeded the appropriation by \$130, and asking the Board to add that sum to the appropriation already made, or that he be allowed, in consideration of the payment of said sum a reasonable number of copies of the catalogue for his personal use, was presented.

On motion, *Resolved*, That Professor Dudley be allowed a reasonable number of the catalogues above referred to, as requested, the number so allowed to be determined by the President.

An application for an appropriation of \$250 for the purchase of shells was presented.

On motion, *Resolved*, That in view of the salary paid Dr. Newcomb, for the care of the Conchological Collection, and of the annual appropriations made for adding thereto, this Committee do not feel at liberty to increase the expense of that department.

The following letter was presented :

FLORENCE, May 17, 1886.

CHARLES KENDALL ADAMS LL. D., *President of Cornell University:*

MY DEAR SIR :—

I send you, as an addition to the collection illustrative of architecture, etc., already presented by me to the University, about three hundred photographs—mostly large and taken with great care—of important public buildings in England, France and Italy, The same to be held as a gift to the University for the purposes of the department of architecture and the general instruction of the students, under the agreement already made, that the entire collection shall be preserved in the galleries reserved for that purpose, and not removed elsewhere.

With most hearty congratulations on your successful administration of the University.

I remain, very respectfully and truly yours,

ANDREW D. WHITE.

On motion, *Resolved*, That the Collection of Photographs referred to in the above letter be accepted on the terms indicated, and that the thanks of this Committee be tendered ex-President White for this valuable donation.

On motion, the sum of \$30 was appropriated to cover transportation expenses on Collection of Photographs presented by ex-President White.

On motion, *Resolved*, That \$600, be appropriated to the Anatomical Department, and that whatever sum is expended under this appropriation be deducted from amount of the appropriation to be made to that Department for the coming year.

On motion, the sum of \$278.43 was appropriated to pay for service of President's Secretary during the past year.

A form of lease to be used in renting the safe deposit boxes in the University Burglar Proof Vault, was presented, and on motion approved, and the Treasurer authorized to execute same in behalf of the University.

Application of Jeremy Smith for the opening of a road across the University property, to connect with a proposed street upon his property, was presented, and on motion, referred to the Committee on Buildings and Grounds.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 14th, 1886.

Present, Trustees Sage, Schuyler, Lord, Tyler, and Van Cleef.

The committee appointed to report upon a system of sewers for the University Campus submitted a carefully prepared plan, with map and estimates. On motion, the report was accepted and adopted, and the sum of \$2,300, or so much thereof as may be necessary, appropriated for the construction of the sewers as recommended, omitting the connections with East Avenue houses, the work to be done under the direction of the Committee on Buildings and Grounds.

Resolved, That the Treasurer be instructed to build a strong board fence, not less than six feet high, on the west line of the Cascadilla Place property, adjoining Jeremy Smith's, from Williams street to the high bank of the creek; *and also*, when Mr Smith shall have finished cleaning Willow Pond, a fence from a point near the south-east corner of bridge across Cascadilla creek, to the south line of the University property, at such point as may be decided by the Building Committee.

A petition, signed by numerous property owners and residents on or near Heustis street, asking Cornell University to grant the right of way for a road across the Cascadilla property, to connect an extension of Heustis street with University Ave., near the Cascadilla Bridge, was presented. On motion, the right of way, as requested, was granted, upon condition that the work be done under the direction of the Committee on Buildings and Grounds, without expense to Cornell University. The University reserving the right to close the road at any time.

A communication from Instructor J. J. Hayes, notifying the Committee that he had been called to Harvard, and asking that he be ap-

pointed Assistant Professor with increased salary, at Cornell, was presented.

On motion, *Resolved*, That the salary of Instructor Hayes be increased to \$1,200 per annum, in case he decides to remain at Cornell, but that this Committee decline to promote him to an Assistant Professorship.

The Treasurer presented the descriptions of the Prentiss, Morris, and Oliver lots upon the Campus, which were, on motion, approved, and the Treasurer authorized to execute leases therefor.

On motion, \$600 was appropriated to the Agricultural Department, for payment of bills for current month.

On motion, the Treasurer was authorized to pay Professor I. P. Roberts \$900 for the Dairyman's house, built upon the University farm, as per agreement with him, March 8, 1882.

On motion, \$925 was appropriated for the purchase of a Burglar Proof Safe.

On motion, the Treasurer was authorized to loan Professor Fuytes \$3,000, upon bond and mortgage upon the house which he is erecting upon the Campus.

The Treasurer presented form of lease to Dr. J. G. Schurman, of the house being erected for him upon the Campus, which was, on motion, approved, and the Treasurer authorized to execute same on behalf of the University.

On motion, \$300 was appropriated for repairing and fitting up the Treasurer's office.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Sept. 18th, 1886.

Present, Trustees Boardman, Williams, Van Cleef, Tyler, Lord, and Adams.

On motion, Judge Boardman was elected Chairman *pro tem*.

On motion, Mr. Louis Leakey was appointed Instructor in Elocution for one year, at a salary of \$1,000.

On motion, Mr. O. L. Elliott was appointed Instructor in English for one year, at a salary of \$750.

On motion, Professor Schaeffer was appointed a member of the Committee on Students' Loan Fund, in place of Dr. Wilson.

On motion, \$2,000, or so much thereof as may be necessary, was appropriated for securing a portrait of Hon. H. W. Sage, in accordance with the resolution passed at the June meeting.

On motion, *Resolved*, That the Fall Meeting of the Board of Trustees be held on Wednesday, Oct. 27th, at 9 o'clock a. m., at the Faculty Room in Morrill Hall, University Campus.

The committee on Classical Department recommended appropriations for the purchase of illustrative material and for fitting up rooms, as follows: Prof. Hale, \$1,510; Prof. Wheeler, \$487; Prof. Flagg, \$97.

On motion, referred to the Committee on Appropriations.

On motion, *Resolved*, That the Faculty be, and are hereby authorized, in their discretion, to examine and admit to the University, in order of merit, students holding No. 2 Certificates from the School Commissioners of the State, as provided for by recent act of the Legislature.

On motion, the Treasurer was authorized to place in the N. Y. *Graphic* a quarter page illustration of the University, and to take 1,000 copies of the paper at a total expense of \$75.00, same to be charged to advertising appropriation when made.

On motion, Prof. Comstock was authorized to expend \$132.00 for tables and blackboards, same to be charged to Entomological appropriation when made.

A communication from Prof. Anthony in regard to an instructor, additional apparatus for his department, and asphalt floors in basement of Physical and Chemical Laboratory, was, on motion, referred to Committee on Appropriations.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 8th, 1886.

Present, Trustees Sage, Boardman, Schuyler, Lord, Williams, Van Cleef, and Adams.

On motion, the minutes of last meeting were approved as printed.

President Adams stated to the Committee that in consequence of the large increase in the number of students in attendance at the University, there now being 160 more than at a corresponding date last year, it would be necessary to appoint additional instructors in some departments, and he therefore offered the following resolutions :

Resolved, That D. C. Jackson, B. S., be and is hereby appointed Instructor in Physics, at a salary of \$750, his term of service to date from the beginning of the present year. Carried.

The following was presented :

Resolved, That \$400 be appropriated for additional assistance in the department of Architecture, the same to be expended under the direction of Professor Babcock. On motion, referred to Committee on Applied Science, with power.

Resolved, That the President and the Dean of the department of Civil Engineering be authorized to recommend a suitable person for instructor in Civil Engineering, to enter upon his duties at the earliest practicable date, at a salary not to exceed \$750. Carried.

Resolved, That the President and Professor of Agriculture be authorized to recommend a suitable person to act as assistant to the Professor of Agriculture, at a salary not to exceed \$250 per annum. Carried.

Resolved, That the President and the Professor of Agricultural Chemistry be authorized to recommend a suitable person for appointment as assistant in Agricultural Chemistry, at a salary not to exceed \$400 per annum. Carried.

Resolved, That the President of the University be requested to recommend a suitable person for Instructor in Pomology, such instructor to enter upon his duties at the beginning of the Spring Term of the coming year. Carried.

Resolved, That the President and the Professor of Philosophy and Ethics be authorized to recommend a suitable person for Instructor

in Philosophy and Ethics, to enter upon his duties at the beginning of the Winter Term, at a salary not to exceed \$1,000 per annum. Carried.

Resolved, That Mr. F. H. Morgan, B. S., be and is hereby appointed Instructor in Quantitative Analytical Chemistry, at a salary of \$750 for the current year, in place of F. A. Holton, resigned. Carried.

Resolved, That Mr. E. H. Preswick, B. S., be and is hereby appointed Instructor in Qualitative Analytical Chemistry, at a salary of \$750 for the current year, in place of F. H. Morgan, transferred. Carried.

Resolved, That Mr. E. W. Rockwood, B. S., be and hereby is appointed Instructor in General Chemistry, Mineralogy and Assaying, at a salary of \$750 for the current year, in place of Prof. S. B. Newbury, transferred. Carried.

Resolved, That \$150 be appropriated for new desks, drawers, chairs and other furniture, made necessary by the incoming class in Architecture.

The application of Professors of the Classical Department for an appropriation of \$480 for the purchase of a lantern for use in illustrating their courses of lectures, and for laying pipes for carrying gases for the oxy-hydrogen lantern was, on motion, referred to Committee on Classical Department.

Resolved, That the President, Treasurer, and Chairman of the Board be authorized to expend not to exceed the sum of \$600, for the payment of the expenses of such Special Lecturers as may be invited to lecture at the University by the President. Carried.

Resolved, That the following sums be and are hereby appropriated for the defrayal of the necessary expenses of the departments named, to be charged to the annual appropriations when made, viz:

Department of Chemistry	\$1,000
" " Agriculture	1,000
" " Grounds	500
" " Physics	500
" " Mechanic Arts	2,000
" Anatomy	500
" Civil Engineering	200
Library	1,500

Carried.

Resolved, That the President be authorized to acknowledge receipt of the invitation to send a representative from this University to the approaching anniversary of Harvard College, and that he be authorized, in his discretion, to represent the University at such anniversary. Carried.

On motion, the sum of \$400 was appropriated for the purchase of a microscope for the Anatomical Department.

On motion, the Treasurer was authorized to charge the balance against Premium Account to expense.

On motion, the salary of Associate Professor Cleaves was continued at \$1,800 for the coming year.

On motion, the question of renewing floor in Gymnasium was referred to Committee on Buildings and Grounds, with power.

Resolved, That four instructors in the Mechanical Department be appointed for the coming year, at salaries of \$750 per annum each, in accordance with recommendations made by Professor Thurston, as follows, viz: Wm. H. Wood, Instructor in Woodworking; James S. Granger, Instructor in Blacksmithing; James Vanderhoef, Instructor in Moulding; H. A. MacNeil, Instructor in Freehand Drawing and Industrial Art. Carried.

On motion, the Treasurer was authorized to continue the insurance on the steam boilers owned by the University.

On motion, the application of Professor Crandall for permission to convert a part of the coal bin in rear of Engineering building into a temporary stable for the accommodation of his horse while at the University, was referred to President and Treasurer, with power.

The question of purchasing additional furniture for Sage College was, on motion, referred to Committee on Sage College.

The petition from the members of the Tompkins County Agricultural Society, asking that the Trustees of the University have a suitable building erected upon the Fair Ground for the accommodation of any exhibits made by the University at future fairs held by the society was, on motion, laid on the table until full information concerning the finances of the University can be obtained.

A communication from Jeremy Smith, in regard to the University's water rights at Cascadilla, and asking payment for the use of an inch larger stream than, as he claims, Cornell University is entitled to, was, on motion, referred to the Chairman and Treasurer with power.

A communication from Mr. D. Tarbell, asking the committee to accept the State Scholarship Certificates granted by the Commissioners of Warren and Schenectady counties, to Miss Emma J. Bush, and Mr. Geo. S. Tarbell, both residents of Tompkins County, was, on motion, laid on table.

Application of Miss H. D. E. Hall, for the unexpired term of State Scholarship held by her sister, Miss Fannie Hall, was, on motion, denied, she not having been a competitor for said Scholarship, and therefore not entitled under the law to an appointment to fill vacancy caused by her sister's absence from the University.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 23rd, 1886.

Present, Trustees Sage, Schuyler, Adams, Lord, Boardman, Williams, VanCleaf and Tyler.

Minutes of last meeting approved as printed.

The committee to whom was referred the application of Professor Babcock, for an appropriation of \$400 for additional assistance in the Architectural Department, reported adversely, and, on motion, the report was accepted and adopted.

Resolved, That Mr. A. M. Mosscrop, B. C. E., be, and is hereby appointed Instructor in Civil Engineering, at a salary of \$750 for the current year. Carried.

Resolved, That Mr. S. S. Twombly, B. S., be, and is hereby appointed assistant to the Professor of Agricultural Chemistry, at a salary of \$400 for the current year. Carried.

Resolved, That Mr. S. H. Crossman be, and is hereby appointed assistant to the Professor of Agriculture, at a salary of \$250 for the current year. Carried.

The name of A. C. White, Ph.D., having been inadvertently omitted from the list of instructors appointed in June :

Resolved, That Mr. White be and hereby is appointed Instructor in Greek and Latin, at a salary of \$1000 for the current year. Carried.

Application of Professor Thurston for an appropriation of \$400 to cover expense of introduction of Electric Lighting Plant, donated by Mr. Edison, into the Sibley building, on motion, referred to Committee on Applied Science, to report.

The committee to whom was referred the question of a Lunch Counter at the University, reported in favor of allowing Mr. Fred. Starr the privilege of establishing a Lunch Counter in the Students' Assembly room in Morrill Hall. On motion, the report was accepted and adopted. The arrangements for such Lunch Counter to be under

the direction of the Treasurer, and the privilege for same subject to cancellation at any time.

On motion, Mrs. Agnes M. Derkhiem and Mrs. E. P. Gilbert were reappointed to the positions heretofore held by them, upon the same salaries as last year.

On motion, the recommendation of the Faculty, that Professors Corson, Hale, Gage, and Wait be appointed members of the Library Council for 1886-7, was ratified and approved.

Application of the Chi Psi Fraternity for a building lot upon the Campus, was, on motion referred to Committee on Buildings and Grounds to report.

Communication from Professor Babcock in regard to the playing of foot ball upon that part of the Campus adjoining his lot, on motion, referred to the President.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., October 27, 1886.

Present, Trustees Sage, Adams, Boardman, Lord, VanCleaf, Williams and Tyler.

The following was presented :

*To the Honorable, the Board of Trustees of
Cornell University.*

GENTLEMEN—

At the meeting of the Board of Trustees held June 16, 1886, the report of the special committee on the question of establishing a Law Department at this University was submitted and adopted, and the Executive Committee was instructed to submit at a future meeting of the Board a plan for carrying out the several recommendations contained in the report.

In accordance with these instructions the Executive Committee beg leave to submit the following suggestions for the consideration of the Board.

There are two facts that make it somewhat difficult to determine absolutely upon a plan of organization. The first is, that the rules for admission to the bar in this state have been fixed by action of the Legislature and the rules of the higher courts. The second is, that as the Faculty of the new Law School has not yet been appointed, it is impossible to have the benefit of the opinions of those who will mainly have entrusted to them the work of carrying out the plans adopted. There are, however, certain general features which we think may profitably be determined at the outset. It will be convenient to consider these under a number of distinct heads.

I.—AS TO THE LENGTH OF THE COURSE OF INSTRUCTION.

On this subject there is some difference of usage even among the law schools of the highest grade. The schools at Columbia College and the University of Michigan have a two years' course of nine months each year, leading to the degree of Bachelor of Laws. At

Columbia College provision is made for additional studies to be carried on through a third year. At Harvard the regular course extends through three years, at the end of which the student, on passing the requisite examination, receives the degree of Bachelor of Laws. Provisions are made at Harvard, however, for the passing of intermediate examinations in case of ability on the part of the student to do so, and consequently the way is open by which a student may, in exceptional cases, receive the degree in two years. At Yale the normal course, leading to the degree of LL. B. extends through two years, but additional courses are given for two years of post-graduate work, leading to the degree of LL. D. If we were free to consider the question from what may be called an ideal point of view, probably a course of three or four years would seem desirable. But the fact that the rules of the court in the State of New York require one year of study in an office before an applicant can be admitted to the bar makes it impossible for a Law School to require that the whole time of the student should be devoted to studies in such a school. Consequently we are practically limited to a normal period of two years.

The period of instruction should, in our judgment, extend through the college year of nine months, and should in all respects be coordinate with the courses at present existing in the University.

II.—CONDITIONS OF ADMISSION TO THE CORNELL LAW SCHOOL.

The state of education in our country seems to make it necessary that every law school should provide for two classes of students: those who have received the regular training of a collegiate course, and those who have not had the advantage of such a training. It is true that at some of the law schools a strenuous effort has been made to raise the standard of scholarship so as to attract students who have already taken a baccalaureate degree; but no law school as yet has seen its way clear to limit its members to such as have completed an undergraduate course. Nor in our opinion would such a limitation be wise. Nobody can look over the ranks of the profession without seeing that a very large proportion of those who have risen to high distinction at the bar, have attained their eminence without the advantage of the preliminary training acquired in an undergraduate course. To shut off the large class of able and ambitious men who find it impracticable to acquire such a course would place an unjustifiable limitation upon the number that could profit by the instruction afforded. In common with other schools, therefore, we find ourselves obliged to provide for two classes of students that have had very different amounts of preliminary training. This fact makes

it necessary that we decide the question as to the minimum grade of education we should require for admission to the school.

In the State of New York provision has been made for examinations by the Board of Regents. These examinations are carried to all the high schools, and to the larger number of the academies of the State. They set a uniform standard; and in our judgment, the standard required for the Regents academic diploma should be the minimum requirement for admission to the Law Department. The applicant should be required either to bring a Regents' diploma or pass an examination equivalent to the examination by the Regents. Practically, therefore, the conditions of admission to the Law Department would be the same as the conditions of admission to the scientific and technical courses of the University at the present time.

The difference between the ability to learn on the part of students who have already taken a bachelors degree on the one hand, and the ability to learn on the part of those who are admitted on the Regents academic diploma, or its equivalent on the other, will still divide the students into two somewhat distinct grades. Although it should be found that at the time of admission, both grades are equally ignorant of the law, it will certainly be shown at an early date that the graduate student can acquire his profession very much more rapidly than can the student who has had simply such a preparatory training as is to be obtained in the academies and high schools. This fact is recognized by the rules of our courts governing the time of preliminary study before admission to the bar. The embarrassment growing out of this difference is probably felt in every law school in the land; and the most marked effect of it is ordinarily to reduce the time during which the graduate student remains at the law school to a single year. In some of the best schools in the country the opinion prevails that the graduate student can learn nearly or quite as much in one year as the average student who has not had a collegiate course can learn in double that amount of time. The consequence is that the graduate student not unfrequently thinks it a misuse of time to remain a second year for the sake of his degree.

The most obvious way in which this tendency can be satisfactorily met is through the advantages offered by the other departments of the University, especially through those offered by the department of History and Political Science. Studies in the constitutional history of England and of the United States, in the development of constitutional law, in administrative law, in the historical development of the common law and of the civil law, in the history of political theories and ideas, in the development of jurisprudence as a science, in short,

in all the multiform phases of what we know as political science, may be made to supplement the studies in law in such a way as immensely to broaden the education, and to afford the student every possible incentive to make his knowledge as thorough and as extended as possible. In studies of this class our University affords peculiar advantages, and the details of the work should be so arranged as to present every inducement before the graduate student to remain here during two full years. On this point we desire to speak with especial emphasis. If our methods of administration are to be improved, if our civil service is to be made purer and more efficient, if our methods of municipal government are to be rescued from the degradation into which they have so generally fallen, if legislation is to be lifted up to a higher plane, it is to be in large measure the result of most careful and most thorough studies carried on in our higher institutions of learning; and it is safe to say that no class of men are to be so well situated to exert a powerful and uplifting influence on the condition of the country as those who are thoroughly educated in the law and in the various branches of political science. It is for this reason that a special inducement in the way of elective studies should be offered to graduate students. To this end, courses in the Department of History and Political Science should be marked out for graduate students that will enable them to study for the Master's degree at the same time that they are studying for the degree of LL. B.

Such an arrangement would be in strict accordance with the methods that are now prevailing in our best law schools. At Columbia College provision is made for giving at the end of three years of study the degree of Ph. D. in addition to the degree of LL. B., and at Harvard University the Academic Council are authorized to recommend the degree of M. A. for students who have passed a satisfactory course of study in addition to the required work of the law school. A judicious arrangement by means of which students pursuing their law studies could also take elective instruction in the department of History and Political Science would to a large extent, at least, remove the temptation to abandon the law school after a single year of study. We recommend, therefore, that in the final adjustment of courses the opportunities afforded by the other departments of the University be constantly borne in mind.

III.—COURSES OF INSTRUCTION.

This subject is one which in its details must be left for adjustment by the Faculty of the Department. In looking over the branches that are taught at Harvard, Yale, Columbia, Albany, and the University of Michigan, it is found that there is a striking similarity in the

courses offered. This similarity is the result of the necessities of the case. The elements of Municipal Law in all parts of the country are essentially the same ; and it is upon Municipal Law that by far the greatest stress in a legal education must be placed. The number of subjects, therefore, that must be taught in our Law School, is furnished at our hand. This brings us to the next question, viz. :

IV.—THE AMOUNT OF INSTRUCTION THAT MUST BE PROVIDED.

Formerly it was the custom to bunch all of the students in a law school together, and lecture to them all in one indiscriminate mass, seniors and juniors thus receiving the same instruction. By the best schools this method has now almost or quite universally been abandoned. The two classes are now separated the one from the other, and the instruction given to the juniors is quite different from that given to the seniors. This is so natural a method that it is difficult to justify any other arrangement. We ought not to think of adopting any other plan at this University. The Junior class should be separated from the senior class, and the juniors should not be admitted to the exercises of the senior class even as listeners ; but seniors should be permitted, and even encouraged to attend the lectures given to the juniors. Two lectures a day to each class should be given. It will probably be found convenient to have the more formal lectures to each class given at consecutive hours, those to the juniors occupying two hours in the forenoon, those to the seniors two hours in the afternoon. In addition to these lectures there must be regular text book work, at least for the juniors, and, perhaps, also for the seniors. A thorough drill in Blackstone, Kent, and probably in some other elementary text books should be insisted upon. This work could probably be well done by an assistant professor. Practicing attorneys who might desire the advantage of the lectures should be admitted to instruction in either class without examination. Moot courts should be organized, under the immediate charge of the professors, to accustom the students to the work of the investigation, the preparation and the trial of causes. In considering the amount of work that will thus be required we are brought to the next topic, viz. ;

V.—THE AMOUNT AND KIND OF THE TEACHING FORCE.

An inspection of the announcements of the schools at Harvard, Yale, Columbia, and the University of Michigan, gives the following results : At Harvard instruction is given by four professors and one assistant professor, all of whom, apparently, give nearly or quite their whole time to the school. It is presumed that they are free for purposes of counsel, but it does not appear that either of them is so largely engaged in active practice as to interfere with the amount or

the regularity of his instruction. At Harvard the custom appears not to prevail of inviting in lecturers or teachers not immediately and constantly connected with the school. At Yale there are also four professors, and a very considerable number of lecturers on special subjects. Four members of the academic Faculty also give instruction to students who take a graduate course. Apparently four professors give a very considerable share, though not the whole, of their time to the work of instruction. At Columbia College the major part of the work of instruction falls upon three professors. There are, however, two special lecturers, besides a considerable number of professors in the school of Political Science, who give instruction to the members of the law school, under the conditions above indicated. At the University of Michigan there are four professors and an assistant professor, two of the professors and the assistant professor residing at the school, the others coming to the school with more or less regularity throughout the year, from Detroit. The Detroit members of the Faculty, and the assistant professor are actively in practice, while the two resident professors devote the most of their time and energy to the daily work of the law school.

If we are to put ourselves upon the plane of these schools, it is easy to see what is the amount of instruction that will be needed. When the school shall be thoroughly established the equivalent of four or five professors will be required. It is, however, by no means essential that the full number should be constantly at the University, or even that they should reside in Ithaca. On the contrary, there would be unmistakable advantages in having at least a part of the teaching force actively engaged in the practice of the courts. It seems not improbable, therefore, that a part of the teaching force may wisely be drawn from cities in the vicinity, wherever suitable persons for giving instruction can be found. But while this is the case, it is absolutely necessary that a part of the corps of instruction should be devoted earnestly to the daily work of the school. This force need not be very large. It ought, however, from the first to consist of not less than two professors and an assistant professor. If during the first year in the history of the school, no attempt should be made to instruct more than a junior class, three persons well equipped for the work could probably give all the needed instruction. But this could only be done in case the persons selected for the Faculty should have their knowledge so well in hand, and so organized as to be able to give daily instruction. Upon the resident professors for the most part the character of the school must largely depend. The greatest care, therefore, must be taken to avoid errors in the selection of the resident faculty.

But the entire burden of instruction should not fall upon the resident professors. Other persons, either resident or non-resident, should be appointed for courses of lectures on special subjects, and these courses would have to be given at such times as would accommodate the special lecturers.

VI.—RATES OF TUITION.

Under the head of tuition a clearly defined policy should be adopted. Under the present law of the State we should be obliged to accept the State scholarships for the law department; and under the present law of the University we should also be obliged to give gratuitous instruction to graduate students. It seems to us questionable whether the people of the State will desire that the free scholarships shall go to those who are preparing themselves for practice in the law, to the necessary exclusion of the same number who are preparing themselves for usefulness by pursuing an undergraduate course. It seems to us also more than doubtful whether the University should gratuitously educate in the law graduates of this and other universities. In our judgment, therefore, a tuition fee, the same as in the other departments of the University, should be required of all students of the new department.

In view of these considerations, we recommend the adoption of the following resolutions :

1. *Resolved*, As the policy of this Board of Trustees, that the Faculty of the Department of Law at Cornell University consist of the President of the University, two resident professors, one assistant professor, and such non-resident professors and lecturers as may from time to time be appointed.

2. *Resolved*, That for the election of the Faculty in the Department of Law, a special meeting of the Board of Trustees be held on the third Wednesday in January next.

3. *Resolved*, That the Executive Committee be authorized to prepare a public announcement of the Law School, to be issued as soon as practicable after the appointment of the members of the Law Faculty, such announcement to be framed in accordance with the spirit of the foregoing report.

4. *Resolved*, That the Executive Committee be, and are hereby authorized to inquire into and report at the special meeting of the Board, on the changes that may seem to be desirable in the Department of History and Political Science, in order to adapt its instruction to the needs of the University after the Law Department is established.

On motion, the above report was adopted.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., October 27, 1886.

Present, Trustees Sage, Adams, Jones, Draper, Tyler, Parker, Williams, VanCleaf, Boardman, Warner, Sibley and Lord.

Minutes of last meeting read, and, on motion, approved.

A letter from Ex-President A. D. White, thanking the Trustees and Faculty for the degree of LL. D., conferred upon him at the last commencement, was read, and, on motion, ordered on file.

President Adams, in a brief verbal report, called attention to the general prosperous condition of the University, the large increase in number of students, and the necessity for dormitories, or additional boarding houses near the University, and stated that the Committee appointed to report upon the question of erecting dormitories, would not be able to submit a report at this meeting, owing to the absence of the three non-resident members of the Committee.

The minutes of the Executive Committee from July 14th to Oct. 8th, both inclusive, were, on motion, approved as printed and circulated to the Board. The minutes of meetings of Oct. 23rd and 27th, not having been circulated, were read, and, on motion, approved.

The annual report of the Treasurer was read, and, on motion, accepted.

On motion, *Resolved*, That hereafter the Treasurer's annual report, or such portions thereof as the Executive Committee may deem wise to publish, be printed, and a copy sent to each trustee in advance of the meeting of the Board.

The Land Committee presented their annual report, which, upon motion, was accepted and ordered on file.

The following was presented :

REPORT OF THE COMMITTEE OF THE TRUSTEES OF CORNELL UNIVERSITY IN RELATION TO STATE SCHOLARSHIPS.

ITHACA, N. Y., October 27th, 1886.

To the Board of Trustees of Cornell University :

At the last meeting of the Board the following resolution was adopted :

“*Resolved*, That a committee of six be appointed and instructed to inquire whether any, and if any, what, modifications of the State law in regard to scholarships is desirable and that such committee be requested to report on the relations of the University to the State, at the Fall meeting of the Board.”

The committee provided for in the above resolution was subsequently appointed as follows : viz : Trustees Draper, Brooks, Boardman, Jones, Parker and Sage. The committee thus created having considered the subject-matter referred to it, begs leave to submit the following :

It was the original intent that this institution should be a New York university, which should carry beneficence to the poor but ambitious and deserving of the children of the commonwealth. It was the offspring of a spirit of magnanimity. Its endowment came of the proceeds of the National Land Grant Act of 1862 to the cause of education, and of the munificence and wisdom of Ezra Cornell. The purposes of the National Grant were the practical education of the masses, rather than the technical and philosophical education of the few, and the consuming desire of Mr. Cornell, himself a man of the people, was to lend a hand to such as were struggling for liberal culture, but without the means to attain it. It was the common understanding that the University should be closely allied with the State government, and should become the inspiration and the capstone of our educational system. Several of the State officers were made *ex officio* members of its Board of Trustees, and provision was made that its privileges should be free to a considerable number of such pupils as most desired and most deserved them, and that its benefits should be equitably and fairly distributed over the territory of the State. It was the expectation undoubtedly, that the advantages of such provision would be so manifest to the public, that the opportunities thus afforded would be eagerly seized upon. It is fair to say that this expectation has not been realized. The relations between the State and the University have not been as intimate during the later as even during the earlier days of the enterprise. This has had a marked influence upon the State scholarships provided for in the act incorporating the University. At no time during the last ten years have one-half of them been occupied. It would be unjust to attribute this to indifference to the advantages of liberal education on the part of the people. To do so would be to assume a lack of interest in education among the masses, which is contrary to the fact. We prefer rather to believe that it is because of lack of information in relation to the matter ; because no steps have been taken to bring and keep the subject before the people ; because of the want of a definite and simple

system of awarding the scholarships, and, more particularly than anything else, because no responsible authority on the part of the State has been charged with the duty of seeing that the provisions of the law were carried out.

Whatever be the reasons for it, the fact is in the opinion of the committee a regrettable one, destructive of the original purposes of the University and unfortunate for the educational interests of the State. During the years when the University was unable to realize upon its land scrip or sell its located lands, and was itself struggling with adversity, it may have seemed inopportune to agitate this subject, because it would have been difficult for it to have met the obligations which it assumed under its charter and to have received all these State students if they had presented themselves. But there would seem to be no reason why it should not do so now. Indeed the committee is firmly of the opinion that it is the duty of the University to carry out the purposes of the Morrill Land Grant, of Ezra Cornell, and of the State in the premises, and that its best interests lie in the line of this duty. Steps should be taken to fill these scholarships and keep them full, and a vital connection should be established between the University and the public school system of the State. Such a course will enable the University to confer its greatest blessings upon those most deserving of them. Free scholarships should be constantly held up before the public schools of the State to stimulate the efforts of the pupils, to cultivate an interest in, and a desire for the most liberal education, and to reward those who, by earnestness of endeavor and natural attainments, shall show themselves deserving of the aid which such enlarged opportunities will bring to them.

To bring this about, some decided modifications in the existing laws are apparently necessary. A system simple and definite should be developed for the awarding of State scholarships and some responsible authority on the part of the State should be charged with the duty of putting and keeping it in operation. In the opinion of the committee, such a plan of operation should embrace at least the following elements in order to be effective, and produce what is desired of it.

First. None but pupils of at least one year's standing, immediately prior to examination, in the common schools and academies of the State, and of at least sixteen years of age, should be eligible to appointment. Such scholarships should not entitle students to tuition in the law school.

Second. A competitive examination of all eligible candidates entering it, should be held simultaneously, at a specified place, in each county of the State in the early part of June each year.

Third. Notice of this examination and general information of the purpose and scope thereof, should be given in each school in the State having pupils eligible thereto, as early as January of each year, and should be published in not less than two newspapers of each county, during the month preceding the examination, and provision should be made for meeting the expense thereof.

Fourth. Such examination should be conducted by the school commissioners and city superintendents in the respective counties ; so far as possible it should be uniform throughout the State and upon such branches only as should be designated by the president or faculty of the University. There should be previously prepared question papers, the answers to which should be made in writing, but the examiners should have liberty to conduct such oral examination as they may see fit. The written examination papers should be preserved for review in case of dispute.

Fifth. The examiners should make their certificate of the results of such examination and file the same within ten days in the State Department of Public Instruction. Such certificates should name all the candidates examined in the order of their excellence, and the candidates so named, should, in the order named, become entitled to the scholarship belonging to their respective counties.

Sixth. The Superintendent of Public Instruction should be charged with the responsibility of ascertaining and making a list of such of the candidates first entitled to such scholarships as will promise to present themselves at the University at the opening of the next term, and undertake the course. In case any candidate certified to be first entitled should decline to give his assurance of his intention to accept the place and fill it, within a reasonable time to be fixed by the superintendent, then the next in order of excellence in his county, who will give such assurance, should be entered in such list. In case no candidate is certified by any county as entitled to the scholarship, then the superintendent should be authorized to fill the vacancy from the list of certified candidates, not gaining admission. When such list is completed, and before the opening of the next term, the superintendent should forward the full list of persons entitled to the scholarships, to the president of the University. Should any candidates upon such list fail to present themselves, or should any who do present themselves be rejected for any reason, the fact should be at once communicated to the superintendent, and he should fill the vacancy by notifying the person next entitled to the place in the county in which the vacancy occurs, or by appointing a candidate from the lists certified.

Seventh. The State students should be allowed more than the ordinary time for completing the course to the end that such as might

desire to absent themselves at times for the purpose of earning means with which to defray their living expenses while in attendance at the University, might be able to do so. The length of time during which they may have the privileges of the University should not be unlimited, and it would seem that six years would not be an unreasonable period to allow for such cases. Leave of absence for the purposes here indicated, should be granted in the discretion of the president, and in cases where such leave is granted, the president should at once notify the Superintendent of Public Instruction, and no appointment should be made to succeed such student until he completes his course, or until the expiration of six years from his appointment.

Eighth. Where a State student dies, resigns, absents himself without leave, or for any reason vacates his scholarship, the county from which he came, should by reason thereof, become entitled to an additional student at the opening of the next term of the University to the end that the quota of each county might be kept full.

Ninth. The Superintendent of Public Instruction should be charged with the general supervision of this matter and the carrying out of the spirit and purpose of the law. He should give the notices required; keep the matter before the schools; supervise the examinations; determine controversies, and generally should represent the State in the premises.

Should the views herein expressed meet the approval of your Board, it will then be necessary to prepare a bill for the action of the next legislature.

Respectfully submitted,

A. S. DRAPER,
EDWARD F. JONES,
D. BOARDMAN,
H. W. SAGE,
AMASA J. PARKER.

We desire to object at present to the mode and extent of filling any vacancies that may exist in Assembly Districts.

D. BOARDMAN,
H. W. SAGE.

On motion the above report was accepted.

Resolved, That the Treasurer be, and he is hereby ordered to set apart each year, five per cent. of the annual income of the University to cover such losses as may occur through bad investments, fire or otherwise. Carried.

Resolved, That the sum so set apart be invested like other permanent funds of the University, and that such fund be a source of reliance to replace any extraordinary losses which may happen in the future. Carried.

The following appropriations for the year ending Aug., 1, 1887, were recommended by the Committee on Appropriations.

ESTIMATES AND APPROPRIATIONS RECOMMENDED FOR THE YEAR
1886-7.

ESTIMATED INCOME.

From investments, (same as 1885-6,)	\$245,320.96
Surplus income brought over,	26,697.33
Sage Chair of Ethics and Philosophy,	3,000.00
Estimated increase of Tuition,	8,000.00
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	\$283,018.29

NECESSARY APPROPRIATIONS OF UNEXPENDED BALANCES.

Agricultural Department,	\$ 300.00
Classical Department,	200.00
Completion of Water Works,	2,400.72
Completion of Walks and Grading,	1,393.80
Completion of Organic Laboratory,	6,875.44
Sewers and Water Closets,	2,660.00
Furniture, Architectural Department,	150.00
Portrait of Mr. Sage,	2,000.00
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	\$15,979.96

APPROPRIATIONS.

Agriculture,	\$7,750.00	Brought forward,	\$58,590.00
Architecture,	796.00	Military,	310.00
Anatomy,	1,264.00	Mineralogy,	150.00
Advertising,	1,000.00	Meteorology,	270.00
Botany,	1,700.00	Physics,	2,190.00
Bell Ringing,	200.00	Physical Culture,	400.00
Chemistry,	2,700.00	Printing and Stationery,	1,600.00
Civil Engineering,	2,447.40	Repairs,	7,000.00
Care of Buildings,	3,700.00	Register,	1,600.00
Care of Grounds,	2,000.00	Salaries,	135,267.00
Contingent,	4,500.00	Sage College Fund,	7,500.00
Conchological,	100.00	Sage Chapel Expense,	500.00
Classical,	1,227.00	Student Loan Fund,	500.00
Dean Sage Sermon F'd	2,000.00	Scholarships and Fel- ships,	6,800.00
Entomology,	731.60	Sibley Prize,	100.00
Electric Lighting,	600.00	Veterinary,	200.00
Fuel,	5,500.00	White Veterinary Prize	30.00
Geology & Paleontology,	296.00	Woodford Medal,	100.00
German,	96.00		
Insurance,	1,250.00		
Library,	12,532.00		
Mathematics,	100.00		
Mechanical Engineering,	6,100.00	Unexpended balances appropriated above,	15,979.96
	<hr/>		
Carried Forward,	\$58,590.00	Total,	\$239,086.96

On motion of Mr. Warner, Advertising Appropriation was increased to \$1,500.

On motion of Mr. Tyler, appropriation to Classical Department was increased to \$1,500.

On motion, the above list as amended, was approved and adopted.

The following telegram was received, and, on motion, ordered entered upon the minutes.

SYRACUSE, N. Y.

To President C. K. Adams, C. U.

Unaware until now of Trustees' meeting, and delayed here until to-morrow noon.

Please present to them my sincere respects and regard, with hearty congratulations on the condition and prospects of the University.

Respectfully,

A. D. WHITE.

The Petition of the Alumni, asking the Board to rescind their action of June 16th, in regard to honorary degrees, with the resolution of the Faculty and letter of Hon. Erastus Brooks endorsing such petition, were, on motion, accepted and ordered on file.

Resolved, That the resolution of the Board of Trustees, passed June 16, 1886, as to Honorary Degrees, be rescinded, without prejudice to the action already taken under it. Carried.

Adjourned until 2:30 P. M.

Re-assembling at 2:30 P. M.

Resolved, That one thousand dollars, or as much thereof as may be needed, be appropriated for the purpose of a further examination of University property in the west, the same to be expended under the direction of the Committee on Lands. Carried.

Resolved, That the thanks of this Board be presented to Rev. J. D. Robertson, for his gift to the Library of this University, of a complete set of the Statutes of South Carolina up to the period of reconstruction after the war.

On motion, the report of the Executive Committee on Organization of Law Department, was taken from the table.

Mr. Warner moved that the resolutions connected with above report be read and passed upon separately. Carried.

Mr. Warner moved to amend the first resolution, by making the Faculty of the Law Department consist of the President of the University, a resident Dean, one resident Professor, one Assistant Professor and such non-resident Professors and Lecturers as may from time to time be appointed. Carried.

Resolutions Nos. 2, 3 and 4 of above report were read and duly passed, and the report as amended was, on motion, accepted and adopted.

Resolved, That the general provisions of the report of the Committee on State Scholarships be, and are hereby adopted, except that in the opinion of this Board, vacancies occurring in one County should not be filled from another, and that the Committee be continued, and directed to prepare and present at the next meeting of the Board, a bill to carry out the provisions of the report with such exception. Carried.

Resolved, That \$500 be added to the appropriation for advertising, the same to be expended under direction of the President and Treasurer. Carried.

Resolved, That the President, as Chairman, Judge Boardman, Judge Parker, Mr. Draper, Superintendent of Public Instruction, Mr Warner, Mr. VanCleaf, and Mr. Gluck, be a committee to make the necessary investigations for the selection of the faculty of the Law School, and report at the January meeting. Carried.

On motion, the selection of a site for the proposed Library building was referred to the Executive Committee, to report at the January meeting of this Board.

Adjourned.

WM. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., November 2, 1886.

Present, Trustees Sage, Boardman, Lord, Schuyler, Williams, Adams, Van Cleef, and Tyler.

On motion, the reading of the minutes of the last meeting was omitted.

Resolved, That an Instructor in the Architectural Department be appointed, to assume the duties of the position at the beginning of the Winter term, at a salary of \$750 per annum. Carried.

Resolved, That this Committee recommend that the proposed Library building be located upon the site now occupied by the Signal Station. Carried.

Ayes and nays being called, resulted as follows: Ayes, Schuyler, Tyler, Williams, Boardman, Van Cleef, and Sage. Nays, Adams, and Lord.

The following letter was presented:

ITHACA, Nov. 2, 1886.

To the Board of Trustees of Cornell University:

GENTLEMEN—

The Class of 1886 wish to donate to the University, as a Class Memorial, the sum of five hundred seven dollars (\$507.00), the income of which, together with the income of any sum or sums that the Class, or any of its members, may hereafter add to the original fund, shall be given annually as a prize, under such rules as you may establish, but subject to the conditions that it shall be a "Prize in Junior Oratory," and shall be called the "'86 Memorial Prize."

The amount named above will be paid to the Treasurer of the University upon its acceptance by you.

HENRY E. SUMMERS,
Chairman '86 Memorial Committee.

On motion, *Resolved*, That this Board accept with thanks the Memorial Fund of the Class of 1886, in accordance with the terms of the above letter.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., December 4, 1886.

Present, Trustees Sage, Adams, Boardman, Williams, Van Cleef, and Lord.

Minutes of the previous meeting approved as printed.

The Committee on Applied Science, to whom was referred the application of Professor Thurston for an appropriation of \$400, for introducing electric lighting plant into Sibley building, reported in favor of the appropriation, and, on motion, the report was adopted, and the sum of \$400 appropriated.

On motion, the use of the Armory was granted to the officers of the Cornell Battalion, for hops, (not to exceed three per term), during the winter of 1886-87, in accordance with the terms of letter of Lieut. W. P. Van Ness, dated Nov. 17th, 1886. Said hops to be under the direction of Lieut. Van Ness.

On motion, the Treasurer was directed to charge 70 cents per lineal foot for flag walk in front of lots leased to Professors on East Ave.

On motion, *Resolved*, That the University bear the expense of flag walks recently laid in front of houses presented to the University by Hon. A. D. White, and Hon. H. W. Sage.

On motion, \$120 was added to appropriation for East Ave. walk.

On motion, the request of Professor Tyler, for the introduction of gas into his lecture-room, was referred to the Treasurer, with power.

Request of Dr. W. D. Wilson, that he be relieved from payment of rent during the month that he occupied rooms in Cascadilla, at the beginning of the present University year, was, on motion, denied.

A communication from Professor Babcock, regarding the playing of foot ball by students in the rear of his house was presented.

On motion, *Resolved*, That ground back of the residences of Dr. Law and Professor Hewett, sufficient for a running track, base ball, and foot ball ground, be given to the Athletic Council, provided they do all necessary grading, same to be subject to the approval of Professor Roberts, and the amount and location of land to be determined by the Committee on Buildings and Grounds.

On motion, the communication from Professor Thurston, in regard to a bridge across Fall Creek, was referred to the Superintendent of Buildings, and the Director of Sibley College, with the request that they report the cost of such bridge as they may recommend.

On motion, the President and Treasurer were authorized to execute and forward the regular annual report to the Board of Regents.

On motion, the Treasurer was directed to charge the full term's tuition to Mr. A. R. Kolb, (suspended by the Faculty early in the term,) in case he returns to the University and continues his studies with a view to graduating.

On motion, the State Scholarship Certificates of Emma J. Bush, Geo. S. Tarbell, Edward A. Hitchcock, and Geo. F. Danforth, were rejected, the same not being in accordance with the law governing the appointment of State Students.

Application of Wm. Stranahan for the refunding of the tuition fee for present term; on the ground that soon after paying same he was granted a State Scholarship, was, on motion, denied.

Resolved, That Judge F. M. Finch be invited to deliver an address on the life and services of Ezra Cornell, on Founder's Day.

On motion, Mr. Geo. L. Burr, A. B., was appointed Instructor in Anglo-Saxon, without salary.

On motion, President Adams was authorized to correspond with Professors James Bryce, Frederick Harrison, and A. B. Dicey, of England, and ascertain whether an arrangement can be made to secure their services for courses of lectures at Cornell at some future time, and what the expense of same would be.

On motion, Judge Boardman was made a member of the Committee appointed to report on question of Approaches to University Grounds, in place of Hon. Erastus Brooks, deceased.

On motion, Judge Boardman was requested to draft suitable resolutions on the death of Hon. Erastus Brooks, to be spread upon the minutes of this Committee.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., December 31, 1886.

Present, Trustees Sage, Schuyler, Boardman, Lord, Adams, and Williams.

Judge Boardman presented a series of resolutions on the death of Hon. Erastus Brooks, which were, on motion, approved, and referred to the full board for action.

On motion, Mr. A. S. Johnson, M. A., was appointed Instructor in Psychology and Logic for the remaining portion of the year with salary at the rate of \$1,000 per annum.

On motion, Mr. W. P. Laird was appointed an Assistant in the Architectural Department, for the Winter term of 1886-87, with salary of \$200 for the term.

The Finance Committee reported the following investments, made since date of last report :

BONDS.

Howard Co., Neb., . . . 6 per cent . . . 5-20's . . .	\$11,500 . . .	102
Otoe Co., Neb., " . . . 10-20's . . .	27,000 . . .	104
Pueblo Sch. Dist., Col.,. . . " . . . 5-15 . . .	35,000 . . .	102½
Valparaiso Water Co.,. . . " . . . 20 yr. . .	50,000 . . .	100
Santa Anna T'p, Ill., . . . " . . . 8 yr. . .	5,000 . . .	102½
Dawson Co., Mont.,. . . 7 per cent. . . 10-20 . . .	5,000 . . .	104
City of Parsons, Kas.,. 6 per cent. . . 30 yr. . .	15,000 . . .	101
Saline Co., Kas.,. " . . . " . . .	50,000 . . .	103½
Crook Co., Wyo., " . . . Av. 16 yr. . .	25,000 . . .	100
	<hr/>	
	\$223,500	

MORTGAGES.

A. W. Frank,	6 per cent.	\$2,000
J. R. Young,	"	3,000
E. A. Fuertes,	"	3,000
W. H. Austin,	"	6,000
E. Cooper,	"	2,200
J. E. Oliver,	"	2,500
J. W. Hoagland,	"	2,500
B. T. Hinds, . . . . .	.7 "	3,000
G. W. Hunt,	"	500
		<hr/>
		\$24,700

Ithaca, Dec. 31, 1886.

On motion, the report was accepted, and the investments approved.

On motion, the Treasurer was instructed to place \$5,000 additional insurance upon the house occupied by President Adams.

On motion, \$555 46 was added to the chemical appropriation, to pay for chemicals purchased for work in Organic Chemistry.

The Committee on Applied Science recommended the laying of asphalt floors, one-half inch thick, in two rooms in basement of Physical and Chemical Laboratory, at an expense of 14 cents per square foot, Cornell University to furnish sand and wood. On motion, the recommendation of the Committee was adopted, and the Treasurer instructed to add to the Physical appropriation a sum sufficient to cover the expense of same.

On motion the Treasurer was instructed to limit the expenditure for floors in the Physical and Chemical Laboratory, to those provided for in the above resolution.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Jan'y 18th, 1887.

Present—Trustees Sage, Adams, Tyler, Lord, Williams, and Van Cleef.

The application of Professor Anthony for a building lot upon the Campus, was, on motion, referred to the Committee on Buildings and Grounds, to report.

A communication from Dr. Wilder, recommending the purchase of the mounted heads of Bison now on deposit in the University Museum, at an expense of \$100, was, on motion, referred to the Committee on Natural Sciences, to report.

On motion, Frederick W. Simonds, M. S. Ph. D., was appointed Lecturer in Economic Geology during the winter term, at a salary of \$300 for the term, in place of Instructor J. F. Kemp, absent on leave.

A communication from Instructor F. H. Morgan, in regard to continuing the Summer School in Chemistry, was, on motion, referred to the Committee on Applied Science, to report.

A communication from Professor W. T. Hewett, asking that his salary be increased to \$3,000, was presented. On motion, *Resolved*, That in view of the arrangement made appointing two professors in German, we see no reason for modifying the views expressed in the report adopted one year ago, reorganizing the departments of the University.

The following report was presented, and, on motion, adopted :

REPORT ON REORGANIZATION OF THE DEPARTMENT OF
HISTORY AND POLITICAL SCIENCE.

On page 91, of the recorded minutes, is to be found the following :
Resolved, That the Executive Committee be, and are hereby authorized to inquire into, and report at the special meeting of the Board, on the changes that may seem to be desirable in the Department of History and Political Science, in order to adapt its instruction to the needs of the University, after the Law Department is established.

The adoption of this resolution seems to call for an examination, and a report upon the four general divisions of the Department of

History and Political Science, viz., History proper ; the History and Theory of Politics and International Law ; Political Economy ; and Social Science. The occasion seems opportune for such an examination, for the reason that at the end of the present year, the time expires for which Associate Professors Tuttle, and H. C. Adams, and Mr. Sanborn, and Mr. Hodder, were respectively appointed, and consequently any desirable modification of the courses may be made, without in any way trenching upon the work that was marked out when those gentlemen were appointed. The establishment of a Law School makes it highly desirable that the courses should be so adjusted as to afford all practicable facilities for instruction in those branches that are cognate with the study of the law, but, at the same time, are somewhat distinct from it. On this point special stress should be laid. In the most successful law schools in the country opportunities are offered by which students who have already completed an undergraduate collegiate course, may, while taking instruction in the law school, carry on academic work to such an extent as at once to add a valuable supplement to their legal studies, and at the same time keep themselves as fully occupied as are their fellows in the law school who have not had the same advantages in the way of preliminary training.

For such studies, successfully prosecuted, the student should have due academic recognition. At Harvard the Masters degree is conferred on students who, in addition to their law studies, have pursued a course that has been approved by the Academic Council, with that end in view. At Columbia College, the student who, at the end of the Junior year, enters the school of political science, receives the baccalaureate degree at the end of four years from his entrance of college, and two years later may, on passing successful examinations in both the school of political science and the law school, take the degree of Bachelor of Laws, and also the degree of Doctor of Philosophy. Thus both of these degrees may be acquired in six years from the time of entering upon the undergraduate course. Although there may be some difference of opinion as to whether the degree of Doctor of Philosophy should be given, after so limited a period of study, there is very little doubt of the general wisdom of encouraging students of this grade by every proper adjustment of courses, and by every proper recognition of demonstrated success.

We are fortunate at Cornell University in having, at the very outset of our Law School, all the requisites necessary for such supplementary opportunities. The courses now offered require but a trifling readjustment, and no addition whatever to the working force of the University to make them all that could be desired.

For some years past there has been not a little irregularity in the work of the department, owing, on the one hand, to the fact that the instruction formerly given by Professor Russell, was not fully provided for on his departure, and on the other hand, to the fact that Professor Tuttle and Professor Adams were each employed for a part of the year only. A natural adjustment of the work might have been less difficult if Professors Adams and Tuttle had been engaged each for such a period of the year as would have permitted the work laid down by one to be taken up by the other. But Professor Tuttle's work has extended to the end of the second term, while that of Professor Adams has begun at the middle of the second term, and extended from that time to the end of the year. The consequence has been that while Professor Tuttle's students have been obliged to leave their work at the end of the second term, with no opportunity of carrying it further, Professor Adams has come upon the ground at the middle of the term, at a time when all students have been fully employed with their duly elected work. The embarrassment that would otherwise have been fatal to the success of the course, has been partially relieved by transferring a part of the energies of Mr. Hodder from the work of history, where all his time was needed, to the work of such preparatory instruction in political economy as would fit the class to receive the more advanced work of Professor Adams, on his arrival. This arrangement, however, has been disadvantageous from every point of view; and the first requisite, therefore, for the successful reorganization of the department, is the securing of the entire time of such professors as may be appointed.

Such a provision would enable us to bring about certain very desirable results.

First, in regard to History. As just intimated, the time of the present instructor is divided between History and Political Economy. So long as Professor Russell was here, such an arrangement was not specially disadvantageous; but at present it is impossible to give systematic instruction covering the vast period from the fall of the Roman Empire to the French Revolution without the entire time of at least one teacher for the work. If exclusive attention should be given to the subject, it would be practicable to provide for one course extending through the year, devoted to the period from the Fall of the Western Empire to the Reformation, and another devoted to the period from the Reformation to the French Revolution. This would enable students by taking one of the courses in the Sophomore year, and another in the Junior year, to lay a solid foundation for the more advanced studies of the year just before graduation. This would remedy what has been a most serious defect in the Department of

History and Political Science. If this is done, the course now given by Professor Tuttle on the Eighteenth Century might be discontinued, except in so far as it could be made a part of a course in the History of Diplomacy. The course on the History of England, which during the past two years has been given by the instructor, should either be continued in independent form, or what would perhaps be not less profitable, be consolidated with the courses on General European History.

The course of Professor Tyler on the Rise and Development of the American Constitution should be given special prominence, now that it will have added importance from the presence of students of law. The Development of the English Constitution and the Growth of English Law may properly be treated by the Professor of Political and Municipal Institutions and of International Law. The general history of Europe during the present century, would, under this arrangement, fall to the lot of the President of the University.

Second, the department which for some years has been under the direction of Professor Tuttle, should undergo some modifications to adapt it to our new wants and conditions. In the first place, in our opinion, it should not only have its work extended throughout the year, but should also be relieved of all instruction in general History. There are three great lines of investigation to which it may properly and profitably devote its entire attention, and which, if successfully developed, would give to the department great strength and importance. The first is what may be called the History of Political Theories and Methods, or perhaps the History of Political Institutions. It would involve an examination of the great theories of government that from time to time have been entertained, the methods that have been adopted, and also an account of the modern studies in comparative jurisprudence. It would thus embrace within its somewhat larger scope the entire ground hitherto covered by Professor Tuttle in his course known as Systematic Politics. Such a course should consist of at least two lectures a week running through the year.

The second field of investigation that such a professorship should undertake is that of the History of the Theories and Methods of Municipal Institutions. Attention has often been called to the fact that the weakest spot in our system of government, at the present time, is the condition of our cities. The American goes into the municipalities of Europe,—whether in monarchies or in republics,—and is surprised to see what is unmistakably at once the greater efficiency, and the greater economy, with which city governments are there carried on. And yet, it is probably true, that in no one of the American Universities to-day is the subject of city government taught system-

atically, and with any considerable measure of thoroughness and success. There is a vast literature on the subject, though it must be admitted that it is, for the most part, limited to books written in French and German. There is no field of investigation more important, and it would seem that there could be none more inviting. It should be noted that such a course would be likely to offer special attractions to graduate students, and students in the Law School. Such a course should extend throughout the year, and with such seminary work as might properly accompany the lectures, should consist of not less than three hours a week.

The third subject which this professorship should embrace is that of International Law, and the History of Modern Diplomacy. One of these divisions would cover the doctrines of international law, as now accepted by civilized nations, the other the application of these doctrines as shown in the great treaties of modern time. It is probable that the first division could be taught in two hours a week during the first term, while the second would extend with the same number of weekly exercises throughout the remainder of the year. The department, properly developed in these three lines of political investigation, could hardly fail to be one of the most important in the University. It would afford abundant scope for the entire time, and the entire ability of one professor.

The third general subject included in the Department of History and Political Science is that which passes under the somewhat loosely descriptive term of Political Economy. In view of the economic and social questions that at the present time are agitating the whole civilized world, it is needless to dwell upon the importance of the subject. The work cannot be well done at Cornell University without a very considerable addition to the force that has hitherto been devoted to the subject. The least that ought to be taught in a university like this should consist essentially of the following courses of study :

First, the Elements of Political Economy, two lessons a week throughout the year, the class consisting of two or three sections as the number in attendance might make necessary ; open to Sophomores and Juniors.

Second, Advanced Political Economy and Finance, consisting of an examination theoretically and historically of the most important of those unsettled economic problems that now confront society. This course should be taught in no dogmatic spirit, but with a view to awakening intelligent thought and discussion. The class, at least for examinations, should be divided into sections, the number to be de-

terminated by the size of the class. This course should occupy three recitation hours per week throughout the year.

Third, the History of Industrial, Charitable, and Penal Institutions: This course should be devoted to an examination and presentation of what has been done and is still doing in the different civilized nations for the management of those institutions which are generally treated under the head of social science. The course, if so arranged, would embrace within its scope the field hitherto covered by Professor Sanborn; but in the interests of more perfect organization, the work of the two chairs should, in our judgment, be consolidated. If this is done, the non-resident lectureship in social science, which has been an annual appointment simply, need not be renewed. This course should occupy two hours a week through the year.

Fourth, an Economic Seminary, organized for the examination historically of the more difficult problems of political economy and social science. This course should be open only to students who have had all the less advanced courses in history as well as in political economy; and consequently it would form an appropriate field for the activity of Fellows and Graduate Students. Two hours a week.

The fourth general division of the Department of History and Political Science is Social Science. The instruction that has been given in this subject by Mr. F. B. Sanborn during the past three years has been all that was expected, or could be desired. We are of the opinion, however, that the course may be consolidated with the work of political economy without essential disadvantage. While from one point of view it would be unfortunate to lose the instruction of one who has so long been justly regarded as a very eminent authority in social science; on the other hand, there would be some advantages in having the work given as a part of a course that should embrace the whole field of industrial as well as of charitable and of penal activity. Holding this view, and with a full appreciation of the merit of the instruction given by Mr. Sanborn, we recommend that at the close of the present year the course be consolidated with that of political economy.

In view of all these considerations, we recommend the adoption of the following resolutions:

1. *Resolved*, That after the close of the present year the Instructor in History be relieved from the work of teaching political economy, in order that he may devote his entire energies to instruction in mediæval and modern history.

2. *Resolved*, That in place of the Associate Professor of the History and Theory of Politics, and of International Law, whose time of engagement expires with the present year, there be appointed a Profes-

sor of the History of Political and Municipal Institutions, and of International Law, whose duties shall be essentially those above outlined in this report, the professor so appointed to enter upon his duties at the beginning of the next collegiate year.

3. *Resolved*, That in place of the Associate Professor of Political Economy, whose term of engagement expires with the present academic year, there be appointed a Professor of Political Economy, Finance, and Social Science, whose duties shall be essentially those above outlined in this report, such professor to enter upon his duties at the beginning of the next collegiate year.

4. *Resolved*, That for the purpose of making the Department of History and Political Science as completely available as is practicable to the students of the Law School, the following provisions be, and are hereby authorized :

1. That any student who, in addition to his course in the Law School, shall pursue studies in the Department of History and Political Science amounting to at least four hours a week during two years, and shall pass creditably the regular examinations in the same, in addition to the requisite examinations in the Law School, may, upon the creditable completion of the course in law, and on the recommendation of the Faculty of Law, and the Professors of History and Political Science, be accorded the degree of Bachelor of Laws, *cum laude*.

2. That any graduate of this, or of any other reputable college or University, who in addition to the regular course of studies in the Law School shall, with the approval of the Faculty of Law, and the Professors of History and Political Science, carry on studies in the Department of History and Political Science, to the extent of at least five hours a week during two full years, and pass creditable examinations in the same, in addition to his examinations in the Law School, may, on the recommendation of the Faculty of the Law School, and of the Professors of History and Political Science, be admitted to the second degree in Arts; Philosophy, Science, or Letters, as the case may be, as well as to the degree of Bachelor of Laws.

3. That in order to make the facilities for collateral study known to all students of Law in the University, the Faculty of the Law School be authorized to publish in the Announcement of the Law School a list of the Professors and Instructors in the Department of History and Political Science, together with a list of such courses of instruction in that Department as are open to law students.

H. W. SAGE, Chairman.

On motion, *Resolved*, That the \$50,000 paid to the Treasurer of the University, on Sept. 15th last, by Hon. Henry W. Sage, together with

the house which he has erected upon the campus at an expense of \$11,215.79, be, and the same are hereby accepted in full settlement of the endowment of the Susan E. Linn Sage Professorship of Christian Ethics and Mental Philosophy.

On motion, the Treasurer was authorized to pay the bill of Wm. H. Perry, for \$190.29, for work on the President's house.

The application of Professor Fuertes for the appointment of an assistant janitor was, on motion, referred to the Treasurer, with power.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Jan. 19th, 1887.

Present, Trustees Sage, Cornell, Woodford, Lord, Tyler, Adams, Williams, Van Cleef, Warner, and Schuyler.

On motion the minutes of last meeting were approved as printed.

The following preamble and resolutions were presented, and, on motion, adopted :

At this first meeting of the Board of Trustees of Cornell University since the death of Erastus Brooks, it is fit and proper that some memorial of our associate trustee should be made and spread upon the record.

Mr. Brooks was alike distinguished as an editor, a statesman, a philanthropist and a public benefactor. Few men have devoted the evening of a long life to labors in the interest of wise charities, public education and the sanatory well being of the people to as great an extent as our dead friend. Very rarely has a sounder judgment or greater wisdom been brought to the service. But other societies and organizations have given fit tribute to his services in their behalf.

Cornell University owes him a debt of gratitude, and should cherish his memory. He was elected a trustee under the provisions of the second section of the charter, in April, 1865. From that time until his final sickness he never failed to be present at a meeting of the Board of Trustees. His knowledge of the condition of the University was accurate, his judgment in respect to the conduct of its affairs was sound and judicious, his advice was always just and discreet. He was intelligent, courteous and forcible in the expression of his opinions, and a life-long experience in the various paths of life, amid high and responsible positions, rendered his conclusions peculiarly valuable. Through the earlier hours of the University, and alike in its later and more prosperous days, he has been always the same—dignified, loyal, courageous, resolute, wise, counselor and friend. His death is a public calamity, but especially severe upon this institution and his surviving associates. In view of these facts it is

Resolved, That we most sincerely regret the death of our esteemed associate, Erastus Brooks; that we painfully realize the loss which the country, this institution, and especially the family of the deceased have suffered; that we will cherish the memory of his purity and integrity, his unselfish devotion to Christian and social duties and the cheerful gift of his labors for the public good. His life, his labors, and his success are without stain, and furnish a model which future generations of the young and ambitious might wisely imitate.

Resolved, That this memorial and these resolutions be entered upon the records, and that an engrossed copy, signed by the Chairman of this Board and the President of the University, be sent to the family of the deceased.

The following letter was presented:

THE CORNELL UNIVERSITY, }
ITHACA, N. Y., 19 JANUARY, 1887. }

Gentlemen of the Board of Trustees:

Some thirty-five years ago, while I was still a student at college, I formed the purpose of collecting a historical library. From that time to this, at home and abroad, I have steadily kept this purpose in view, selecting the best works I could find, not only in history proper, but in the subsidiary fields of literature, political and social science, international law, and art (including especially architecture). I have particularly sought those throwing light upon the great events, periods and tendencies of human thought and action; upon the development of modern civilization; upon the building up of modern states; upon the men who have bettered the condition of mankind.

As a result, I have accumulated a library of about thirty thousand volumes, besides some ten thousand valuable pamphlets, and not a few manuscripts. In almost all its departments, I may say without undue partiality, there are very many works rare and valuable, in several the collection would doubtless be considered remarkable, and in one or two it is certainly unequalled in the United States. The bringing together of this library has been to me a labor of love. It consists to an unusual extent of primary sources and original material for historical study, and my thought has been not solely of myself but of the American scholars of the future. It has always been my intention to place it some day as a whole where it could be used to the best advantage by historical students. The cost of the collection, with its catalogues, has been, in money, as nearly as I can now estimate, rather more than a hundred thousand dollars. Its present value, consisting as it does in great part of works scarce, long sought, and yearly appreciating in price, it would be hard to reckon in dollars and cents; but something of its practical worth I have had occasion to know by its use during my professorships at the University of Michigan and at Cornell University, and I hope that it may yet serve others even more fully than it has served me.

A part of this library—that bearing upon architecture—I gave to Cornell University upon the establishment of its Architectural Department, and the occasion of the establishment of a Law School and the reorganization of the department of History and Political Science

by the Trustees of the University, seems an appropriate time for me to make a fitting disposal of the remainder.

There are three places in our country, in either of which it would gratify my feeling of local and personal attachment to bestow it as a gift. Foremost among these is the Cornell University, and in case there can be provided for the collection at some day not far distant a suitable fire-proof room in any building which shall be erected for your general library, and proper provision made for its maintenance and usefulness, it will give me pleasure to place it permanently in your custody.

In case you shall view this proposal with favor, I shall be happy to meet any committee you may appoint to arrange the conditions on which the gift may be made and accepted.

I remain, gentlemen,
Very respectfully yours,
ANDREW D. WHITE.

Resolved, That the Trustees of Cornell University accept with gratitude the munificent offer of ex-President White to present his valuable library to the University, and tender him their hearty thanks, in which they feel that the faculty and the alumni of the University, as well as all friends of higher education, most cordially unite. Carried.

Resolved, That the Board of Trustees hereby give to the consolidated department of History and Political Science in the University the name of The President White School of History and Political Science. Carried.

Resolved, That Andrew Dickson White, LL.D., be and he is hereby appointed dean of such school and honorary lecturer on History and Political Science therein. Carried.

Resolved, That a committee of three be appointed by the chair to arrange with Doctor White the details and conditions on which his proposed munificent gift of his historical and political library shall be accepted by Cornell University. Carried.

The chair appointed Messrs. Woodford, Cornell and Lord as such committee.

On motion, adjourned to meet at Mr. Schuyler's house, at 2:30 p. m.

Reassembled at 2:30 p. m.

Moved that the proposed amendment to the law governing the appointment of State Students be referred back to the committee having it in charge for further consideration, and that Messrs. Cornell and Adams be added to said committee. Carried.

The report on reorganization of the department of History and Political Science submitted by the Executive Committee, was, on motion, adopted.

On motion, the question of petitioning the Secretary of War for additional muskets for the use of the Military Department was referred to the President and Chairman of the Board, with power to act in the name of the authorities of the University.

Moved that the President of the University and the Chairman of the Board be added to the committee named to arrange with ex-President White the details regarding the acceptance of the Historical Library donated by him. Carried.

Moved that the Board proceed to the election of a trustee in place of Hon. Erastus Brooks, deceased. Carried.

Upon ballot duly had Hiram W. Sibley received ten votes and was declared unanimously elected a trustee of Cornell University for the unexpired term of Mr. Brooks.

Moved that the report of Professor Thurston on the Mechanical Department be referred to the Executive Committee for its recommendation with a view to final action at some future meeting of this Board. Carried.

Moved that when the Board adjourn it be to meet on Wednesday, the 9th March, at 10 a. m., at Morrill Hall. Carried.

Adjourned.

W. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb'y 1st, 1887.

Present—Trustees Sage, Boardman, Adams, Lord, Williams, and Van Cleef.

Minutes of last meeting approved as printed.

On motion, the plans for a new building in connection with the Sibley Building were approved, and the erection of same referred to the Committee on Buildings and Grounds, with power.

The application of the C. U. ~~to~~ C. A. for a building lot upon the campus was, on motion, referred to the Committee on Buildings and Grounds and Mr. Lord, to report.

On motion, the following Standing Committees were appointed :

Committee on Buildings and Grounds : Sage, Adams, Williams.

Committee on Departments of Applied Science : Williams, Lord, Sage.

Committee on Departments of Natural History : Van Cleef, Boardman, Tyler.

Committee on Ancient and Modern Languages : Tyler, Lord, Van Cleef.

Auditing Committee : Lord, Williams.

Finance Committee : Boardman, Lord, Sage, Williams.

Land Committee : Sage, Boardman, and the Treasurer.

Committee on Sage College : Sage, Adams, and the Treasurer.

On motion, Mr. Van Cleef was appointed a member of the Museum Council, in place of Mr. Humphrey.

On motion, permission for the use of the Armory for a Promenade by the Junior Class on the evening of Feb'y 11, was granted, subject to the usual conditions.

On motion, the action of the Treasurer in discharging the M. C. Tyler mortgage was approved.

The Committee on Departments of Natural History recommended the appropriation of \$100 for the purchase of mounted heads of bison, black-tailed deer and Rocky Mountain sheep, now on deposit in the University museum. On motion, the recommendation was adopted and the appropriation made.

The Committee on Buildings and Grounds reported in favor of leasing to Prof. Anthony, upon the usual terms, a lot 100 feet front by 150 feet in depth, on the south side of the road running east past the Armory, and so situated that it will come on the south-west corner of said road and East avenue, should the latter be extended south. On motion, the report was accepted and adopted.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb'y 21st, 1887.

Present—Trustees Sage, Boardman, Adams, Van Cleef, Williams, and Lord.

On motion the minutes of last meeting were approved as printed.

Resolved, That the hearty thanks of the Executive Committee be tendered to the Hon. F. M. Finch for his admirable address on the character and public services of Ezra Cornell delivered before the University on Founder's Day; and that we respectfully request Judge Finch to furnish a copy of the address for publication by the University.

Resolved, That the Treasurer be authorized to secure the publication of one thousand copies of Judge Finch's address, at an expense not exceeding forty-five dollars.

On motion, Professor S. G. Williams was granted leave of absence from May 1st until Commencement.

On motion, the Treasurer was authorized to purchase a Remington Type-Writer for the President's office.

On motion, the matter of assigning a lot to Dr. Newbury, for the building of a house, was referred to Committee on Buildings and Grounds, and Judge Boardman.

On motion, the question of the disposition of the farm house east of Sibley Building, was referred to the Committee on Buildings and Grounds, with power.

On motion, a plot of ground extending 250 feet north and south by 200 feet east and west, and lying directly east of and joining the lot heretofore set aside for the uses of the Sibley Building, is hereby set apart and reserved for the uses of said Sibley Building, and such additions as may hereafter be made thereto, subject to the same conditions and restrictions set forth in the articles of agreement executed with Hon. Hiram Sibley, July 2, 1884.

On motion, *Resolved*, That the Treasurer be and he is hereby authorized to sell and assign, under the direction of the Finance Committee, the New York State Stock and Albany Co. bonds now held by the University.

On motion, *Resolved*, That the Chairman of this Board be and he is hereby authorized to sell and transfer, in his discretion, the New York, Chicago & St. Louis R. R. bonds now held by the University.

The Committee on Applied Science presented a communication from Instructor F. H. Morgan in regard to the establishment of a Summer School of Science at C. U. On motion, *Resolved*, That in view of the many difficulties in the way of establishing such a school, this committee deem it unwise to grant Mr. Morgan's request.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 7th, 1887.

Present, Trustees Sage, Lord, Boardman, Tyler, Adams, Williams.
Minutes of last meeting approved as printed.

On motion, the matter of form of Bill or Resolution in regard to Appropriation for Agricultural Experiment Station, to be presented to the Legislature, was referred to Judge Boardman, with the request that he recommend some definite action to be taken by the Board on Wednesday.

The question of establishing a School of Pharmacy in this University having been referred, with power, to the Executive Committee, under resolution of the full Board, October 28, 1884,

On motion, *Resolved*, That a School of Pharmacy be organized in this University upon the plan proposed by the Chemical Professors, to go into operation the coming year.

Resolved, That the Chairman of this Board be requested to notify Mrs. J. W. Williams, that in view of the present demand for houses upon the Campus, the Trustees feel compelled to request that she either sell her house or make provision to dispose of same to the University, as provided in the lease.

On motion, the question of restoring the land heretofore in charge of Professor Prentiss for horticultural purposes, to the care and control of Professor Roberts, was referred to the Committee on Buildings and Grounds, with power.

On motion, \$100 was appropriated for music at Commencement, upon the usual conditions.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., March 9th, 1887.

Present, Trustees Sage, Cornell, Adams, Lord, Warner, Schuyler, Boardman, Tyler, Williams, Woodford, and VanCleaf.

Minutes of the last meeting were read, and on motion, approved.

The following letter was presented, and ordered spread upon the minutes :

NEW YORK, Feb. 2d, 1887.

HON. HENRY W. SAGE, Ithaca, N. Y.:

DEAR SIR:—Although I have not received any notification of my election as Trustee of Cornell, I suppose my knowledge of your correspondence with my father in regard to the matter, is sufficient excuse for my addressing you, unofficially, on the subject.

I must admit that my election, at this time, was a surprise to me, as I supposed my father's determination to resign himself, whenever I was elected on the Board, was generally understood, and that all were agreed that to accept his resignation at this time would not be wise. His sense of propriety would not permit him to countenance there being *two* Sibley's on the Board at the same time, representing as it were, the same interest, and he will, no doubt, adhere to his purpose of resigning, if I am now put on the Board.

My father's interest in Sibley College has never been greater than just now, and any aid, which he feels called upon to render, he will give to the best of his ability, and the limit of his interest would be in no way increased by my being on the Board. I think my occupying *his place* would have the effect to lessen his interest, and my position as intermediary would be of no benefit to anybody.

And even if it were possible to overcome my father's objections to remaining on the Board, at the same time, for any general work, which I might be expected to do, there must be a number of men at your command in every way better fitted than I, and from whom your selection would recommend itself to all concerned, and call forth only a favorable criticism.

I enclose my resignation, which I am confident the Board, after a fuller consideration of the matter, will think it well to accept.

I hope you will not think me indifferent to the action of the Board. On the contrary, I fully appreciate that to be a Trustee of Cornell is.

highly honorable, and a privilege to be coveted by *any one*, but as I feel that from any point of view the matter of my election has been acted upon somewhat prematurely, I desire to so put things that a reconsideration of the question may be made easy.

Yours very respectfully,

HIRAM W. SIBLEY.

On motion, the resignation of Hiram W. Sibley as a Trustee of Cornell University was accepted.

The following letter was presented, and ordered spread upon the minutes :

THE CORNELL UNIVERSITY, }
ITHACA, N. Y., 19th Feb. 1887. }

THE HON. HENRY W. SAGE, *President Board of Trustees :*

MY DEAR SIR :—I have had the honor to receive notice of my appointment, by the Board of Trustees, to the position of dean of the Faculty of History and Political Science and honorable lecturer of Modern History.

I appreciate highly this mark of confidence and good will, and nothing could be more honorable than the duties thus assigned me, but there are various reasons why I feel obliged, most respectfully, to decline such a position. The most important of these is, that the dean of the faculty referred to, ought to become a member of the University faculty, and to throw himself completely into the duties of the position. I do not feel at present able to meet either of these requirements. It appears to me that the present President of the University, who is the Professor of Modern History, is the person to whom the duties of such a position could be entrusted with a certainty that they would be satisfactorily discharged.

While therefore declining the proposed honor, I appreciate none the less highly the kindness of the Board, and with renewed thanks to them, I remain, sir,

Very respectfully and truly yours,

ANDREW D. WHITE.

Moved and carried, that the Board proceed to the election of a Trustee in place of Hiram W. Sibley, resigned.

Upon ballot duly had, Andrew D. White received 9 votes ; William H. Sage, 1 vote ; Blank, 1 vote. Andrew D. White was thereupon declared elected a Trustee of Cornell University for the unexpired term of Hiram W. Sibley, resigned.

At this time, the Chairman, Mr. Sage, being about to leave town, was obliged to withdraw. On motion, Mr. Lord was called to the chair.

A communication from Professor Fuertes, in regard to sundry wants of the Civil Engineering Department, was, on motion, referred to the Committee on Applied Science, to report to the Executive Committee.

The draft of an act to be presented to the State Legislature, in relation to the appropriation made by Congress to establish Agricultural Experiment Stations, was, on motion, approved.

The draft of a memorial, setting forth the claims of Cornell University to the appropriation recently made by Congress to establish Agricultural Experiment Stations, was, on motion, approved.

Moved and carried, that the Board proceed to the election of a Dean of the Law School. Upon ballot duly had, Douglas Boardman received 8 votes; Harry Burns Hutchins, 1 vote, and Francis M. Burdick, 1 vote. Whereupon Judge Douglas Boardman was declared elected Dean of the Cornell University Law School.

Moved and carried, that the Board proceed to the election of two professors in the Law School. Upon ballot duly had, Harry Burns Hutchins, Ph. B., and Charles A. Collin, A. M., received 10 votes, and were declared unanimously elected.

Moved and carried, that the appointment of the additional member of the Law Faculty be referred to the Executive Committee, with power.

Moved and carried, that the salaries to be paid the members of the Law Faculty be referred to the Executive Committee, with power.

Moved and carried, that the Board proceed to the election of a professor of the History of Political and Municipal Institutions, and of International Law, at a salary of three thousand dollars, to enter upon his duties at the beginning of the next collegiate year. Upon ballot duly had, Herbert Tuttle, A. M., received 10 votes, and was declared unanimously elected to the professorship above named.

Resolved, That Moses Coit Tyler, LL. D., be and is hereby appointed Professor of American Constitutional History and Law in the Cornell Law School, to serve without salary additional to that already provided for. Carried.

Resolved, That Herbert Tuttle, A. M., be and hereby is appointed Professor of English Constitutional History and International Law in the Cornell Law School, the same not to involve any addition to the salary already provided for. Carried.

Resolved, That the Hon. William F. Cogswell, of Rochester, be and hereby is appointed Lecturer on the "Law of Insurance" in the Cornell Law School, for the year 1887-88, at a rate of compensation to be arranged for by the Executive Committee. Carried.

Resolved, That the Hon. Daniel H. Chamberlain, of New York City, be and hereby is appointed Lecturer on "The Relations of the

States to the United States, under the Constitution," in the Cornell Law School, for the year 1887-88, at a rate of compensation to be arranged for by the Executive Committee. Carried.

Resolved, That Theodore Bacon, Esq., of Rochester, be and hereby is appointed Lecturer on "The Dual Judicature of the American System," in the Cornell Law School, for 1887-88, at a rate of compensation to be arranged for by the Executive Committee. Carried.

Moved and carried, that Judge Francis M. Finch be appointed a Lecturer in the Cornell Law School for the year 1887-8.

Adjourned.

W. R. HUMPHREY, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 14th, 1887.

Present, Trustees Adams, Boardman, Lord, White, VanCleaf, and Williams.

On motion, Mr. Lord was called to the chair.

On motion, the reading of the minutes of last meeting was postponed.

Moved and carried, that the salary of Professor H. B. Hutchins be fixed at \$3,500 per annum, term of office to begin July 1, 1887.

Moved and carried, that the salary of Professor Charles A. Collin be fixed at \$3,000 per annum, term of office to begin with the next collegiate year.

Moved and carried, that the Committee proceed to the election of an additional professor in the Law School, under authority conferred by the full board on the 9th inst. Upon ballot duly had, Francis M. Burdick received six votes, and was declared unanimously elected a professor in the Cornell Law School.

Moved and carried, that the salary of Professor Burdick be fixed at \$3,000 per annum, term of office to begin with the next collegiate year.

On motion, *Resolved*, That Hon. W. G. Smith, Member of Assembly from Tompkins County, be informed that the authorities of Cornell University disclaim all responsibility for, or interest in, the bill recently presented in the State Legislature, providing for the establishment of the New York State Meteorological Bureau.

Moved and carried, that the request of Dr. James Law for leave of absence during Spring term, be referred to Mr. Lord, President Adams, and Judge Boardman, with power.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 26th, 1887.

Present, Trustees Adams, Lord, White, Williams, and Boardman.

On motion, Mr. Lord was called to the chair.

Minutes of last meeting approved as printed.

The Committee on Applied Science reported in favor of an appropriation of \$400 for the purchase of additional desks for the Civil Engineering Department. On motion, the report was adopted, and the appropriation passed.

Request of Professor Anthony for additional appropriation, was, on motion, referred to the President of the University and Chairman of Committee on Applied Science to report.

Communication from Dr. Thurston, in regard to the farm house east of Sibley building, on motion, referred to Committee on Buildings and Grounds.

On motion, the agreement made by the Chairman of this Committee with Mrs. Jennie S. Williams, for the transfer of the latter's house upon the campus to the University, for the sum of \$4,000, was ratified and confirmed.

On motion, *Resolved*, That the Secretary inform Mrs. Williams that the University must have possession of her house under the agreement above referred to, on May 1st next, in order that the necessary repairs may be made before the opening of the next university year.

A communication from Professor Wheeler in regard to renting the house purchased of Mrs. Williams, was presented. On motion, the Treasurer was instructed to consult Professor Wheeler in regard to any alterations and repairs necessary to be made and report to this Committee, with estimated cost of same.

Application of Professor Tuttle for the building lot on East Ave., between Professors Schurman and Fuertes, was, on motion, referred to Committee on Buildings and Grounds.

On motion, *Resolved*, That the invitation extended to this University by the authorities of Columbia College, to attend the approaching celebration at that institution, be acknowledged, and that President Adams and ex-President White be designated to represent this University on such occasion.

The report of the Phenix Ins. Co. of Brooklyn, with recommendations as to additional facilities for fire protection, was, on motion, referred to Committee on Buildings and Grounds, and the Treasurer, with power.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 25th, 1887.

Present, Trustees, Sage, Lord, Adams, White, Williams, and Van-Cleef.

Minutes of last meeting approved as printed.

The report of the Committee on Applied Science on Professor Anthony's application for an appropriation of \$680, was presented. On motion, *Resolved*, That \$680 be appropriated to the Physical Department for the purposes mentioned in the report of the Committee. *Resolved*, That Professor Anthony be notified that the Executive Committee deem it his duty to keep a careful account of all expenditures on account of the Physical Department, and that all orders given should be charged the same as an actual disbursement.

A communication from Professor Thurston in regard to additional protection against fire at Physical and Chemical Laboratory was, on motion, referred to Committee on Buildings and Grounds, to report.

Application of H. W. Wilkinson for the refunding of one term's tuition, which he paid prior to receiving a second best Scholarship from Onondaga County, was, on motion, denied.

On motion, the Treasurer was authorized to loan Mr. H. W. Wilkinson \$25 from the Students' Loan Fund.

On motion, \$100 was appropriated to the Architectural Department, to be expended by Professor Babcock, while in Europe.

On motion, Miss Anna E. Hutchins was appointed Cataloguer of the White Library, at a salary not to exceed \$800 per annum.

A communication from a Committee of the Bachelors' Club, was, on motion, referred to Committee on Buildings and Grounds, to report.

The following resolution was presented, and on motion, laid on the table :

Resolved, That the Executive Committee recommend to the Board of Trustees that Spencer B. Newbury, Ph. D., Acting Professor of Organic and Applied Chemistry, be appointed Acting Professor of General, Organic, and Applied Chemistry for two years at a salary of \$2,500 per annum, the same to take effect at the beginning of the next collegiate year.

The following resolutions were, on motion, adopted :

Resolved, As the sense of the Executive Committee, that Acting Professor, Benj. I. Wheeler, having been invited to a more lucrative position at Yale University than that which he is filling here, should be promoted to a full professorship in this University in case he is willing to accept of the position.

Resolved, That it is the purpose of the Executive Committee, and as we believe of the full Board of Trustees, to give to the Classical Department their hearty support, in order that said department may be developed into the largest practicable efficiency and prosperity.

Application of Dr. Caldwell for appointment to the Deanship of the Faculty of Chemistry and Physics, in place of Professor Schaeffer, was, on motion, laid on table.

On motion, an additional appropriation of \$465 was made to the Chemical Annex.

On motion, \$200 was added to the appropriation for repairing the Water Works.

On motion, \$500 was appropriated to the Military Department for the purchase of Cadet rifles and equipments, same to be expended under the direction of the Chairman, the Treasurer and Lieutenant VanNess.

The question of an additional Instructor in the Civil Engineering Department, was, on motion, referred to the Committee on Applied Science, and President Adams, with power ; expense not to exceed \$1,000 per annum.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

I THACA, N. Y., May 12th, 1887.

Present, Trustees, Sage, Adams, Lord, Boardman, Van Cleef, Tyler, and Williams.

Minutes of last meeting approved as printed.

The following resolution was taken from the table and, on motion, adopted, viz :

Resolved, That the Executive Committee recommend to the Board of Trustees that Spencer B. Newbury, Ph.D., Acting Professor of Organic and Applied Chemistry, be appointed Acting Professor of General, Organic, and Applied Chemistry for two years at a salary of \$2,500 per annum, the same to take effect at the beginning of the next collegiate year.

The application of Dr. Caldwell for appointment to the Deanship of the Faculty of Chemistry and Physics in place of Professor Schaeffer, was taken from the table, and, on motion, referred to President Adams, with power.

Resolved, That the invitation extended to Cornell University by the authorities of the University of Michigan to attend the celebration of its fiftieth anniversary on the 29th and 30th days of June next, be acknowledged, and that President C. K. Adams and ex-President Andrew D. White be appointed to represent this University at such celebration.

The report of Professors Thurston and Morris in regard to a bridge across Fall Creek, near Sibley Building, was accepted, and, on motion, referred to the Committee on Buildings and Grounds, with power.

On motion, *Resolved*, That the action of this Committee of Dec. 4, 1886, setting apart land back of the residences of Dr. Law and Professor Hewett for athletic grounds, be and the same is hereby rescinded.

On motion, a communication, signed by Professors Hewett, Law, and others in regard to the athletic grounds, was referred to the Committee on Buildings and Grounds, with power to select a suitable site for athletic sports.

On motion, *Resolved*, That \$1,600, or so much thereof as may be necessary, be and the same is hereby appropriated for the moving, repairing and refitting of the farm house east of Sibley Building.

Resolved, That the Professor of the History of Political and Municipal Institutions and of International Law be required to give the instruction for the coming year indicated by the action of the Board of Trustees and the resolution establishing the professorship, except so far as the same may be temporarily modified with the consent and approval of the President.

On motion, \$300 was added to the chemical appropriation.

On motion, the Treasurer was authorized to pay any actual deficit arising from the publication by the Cornell Christian Association of the "Students' Hand Book" for 1887, same not to exceed \$60.

On motion, *Resolved*, That the difference existing between Walter C. Curran and the University, regarding a small strip of land east of the University, be referred to the Chairman, with power, and that he be authorized, in his discretion, to ask the Town Commissioners to open a road on the old U. I. & E. right-of-way through to the Dryden Road.

On motion, *Resolved*, That the Treasurer be, and he is hereby authorized to accept a deed from R. H. Stone and wife of the S. H. Lamport property, in Trumansburg, upon which the University holds a mortgage of \$1,800, and that he be authorized to sell and convey the property at first favorable opportunity.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 26th, 1887.

Present: Trustees, Sage, Boardman, Adams, White, Van Cleef, Tyler, Williams, and Lord.

Minutes of meeting of May 12th, 1887, approved as printed.

Resolved, In view of the possible calls of Professors Schaeffer and Hale to other fields of service, that Messrs. Tyler, Adams, and Lord, be a committee to draft and present at a future meeting of this Committee, such resolutions as the developing circumstances may require.

Resolved, In lieu of the Alumni dinner which the Trustees directed to be provided at the approaching Commencement, that refreshments be furnished in the Botanical Lecture Room, in an informal way, immediately after the commencement exercises, and that the President and Treasurer be a committee with power to make all suitable arrangements for same.

A communication from Dr. Wilder was referred to the Committee on Applied Science to report.

Resolved, That the question of limiting the attendance at Sibley College, and issuing a circular in regard thereto, be referred to Messrs. Sage, White, Adams, and the Director of Sibley College, with power.

A communication from Mr. N. H. Hill in regard to a State Scholarship for his daughter, was referred to Judge Boardman, with power.

Two communications from Dr. Thurston in regard to additional Instructors and needed improvements at Sibley College, were on motion referred to the Committee on Applied Science to report.

Resolved, That this Committee accept the invitation of Lieut. Van Ness, to inspect the battalion from the steps of the Cornell Library on Monday next, at 3.20, P. M.

On motion, permission was granted the Senior Class to hold their Ball in the Armory and to put up a tent on the north side in which to serve the Supper.

On motion, the Treasurer was authorized to charge the expense of entertaining the Senators and Members of Assembly who are to visit the University to-morrow, to contingent account.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 6th, 1887.

Present: Trustees Sage, Adams, Lord, Van Cleef, Williams, and White.

Moved and carried, that the President be authorized to employ an additional assistant in his office.

The following was presented :

OFFICE OF THE DEAN, CORNELL UNIVERSITY, }
Ithaca, N. Y., 1887. }

To the Honorable, the Board of Trustees of Cornell University :

GENTLEMEN—

Having accepted the Presidency of the State University of Iowa, I hereby tender you my resignation as Dean of the Faculty and as Professor of Chemistry, to take effect at the end of the present college year.

With renewed assurances of my hearty appreciation of the many acts of courtesy which you have extended to me during my long term of service, and with a sincere regret on severing my connection with this University, I am, gentlemen,

Very respectfully yours,

CHARLES A. SCHAEFFER.

On motion, *Resolved*, That the resignation of Professor Schaeffer be accepted, that his letter be entered in full on the minutes of this Committee, and that the special Committee recently appointed be requested to present suitable resolutions of regret.

On motion, *Resolved*, That Professor H. S. Williams be, and he is hereby appointed Dean of the Faculty.

The Committee on Natural Science reported in favor of an additional appropriation to the Anatomical Department, of \$518, and rec-

ommended that the sum of \$100, recently appropriated to said department, for the purchase of heads of Bison, be covered back into the Treasury, the owner of the mounted heads having refused the sum named. On motion, the report was accepted and adopted, and the appropriation voted as recommended.

The following was presented :

The committee on Applied Science report upon application of Prof. Thurston for special appointments in Sibley College:

Advising appointment of Albert W. Smith as Assistant Professor of Mechanical Engineering, and that authority be given to employ Mr. Smith from June 15th to date of such appointment, to assist in preparing department for the coming year's work.

Also, advising appointment of Geo. Pollay as third class instructor for the wood-working department, with salary at rate of \$600 per annum, from June 15th. On motion, the above report was accepted and adopted.

On motion, *Resolved*, That the salary of Assistant Professor A. W. Smith be fixed at \$1,400 per annum.

The following was presented :

The Committee on Applied Science, report upon the application of Prof. Thurston, advising that the workmen in shops be taxed for material used at the rate of \$5 per capita per term. On motion above report was accepted and adopted.

The Committee on Buildings and Grounds reported in favor of leasing to Prof. Herbert Tuttle the building lot on East Avenue between Profs. Fuertes and Schurman. On motion, the report was accepted and adopted.

On motion, the minutes of meeting of May 26th were ordered corrected by changing the word "Applied," in seventeenth line, to "Natural," so that the record will read as follows, viz :

"A communication from Dr. Wilder was referred to the Committee on *Natural Science* to report."

The following was presented :

To the Executive Committee of the Trustees of Cornell University :

GENTLEMEN—

I hereby respectfully request that a lease similar to those usually made by you to Professors intending to erect houses upon the University grounds, be made to me by the University Trustees, of a piece of land lying between the south line of the lot now held by Professor W. T. Hewett, and the road running upon the north side of the house, and through the lot which I at present hold from the University, and of such depth as may be agreed upon by the

committee, together with a right to the use of the said road, it being my intention in case such lease is made to me to erect a Professors' house on the said ground.

Very respectfully yours,

Ithaca, June 6th, 1887.

ANDREW D. WHITE.

On motion, *Resolved*, That the lot described above, be leased to Andrew D. White upon the terms proposed by him, and that the question of depth be referred to the Committee on Buildings and Grounds, with power.

The following was presented :

ITHACA, May 31st, 1887.

Executive Committee, Board of Trustees, Cornell University :

GENTLEMEN—

We desire to re-open the University printing office with the complete equipment of type and machinery now in our hands, and would ask that space and power be rented us in the Sibley building at its value ; also that the University contract with us for all its printing, at a price to be hereafter agreed upon.

Very respectfully,

WALTER G. SMITH & CO.

On motion, referred to Messrs. Williams, Van Cleef, and the Treasurer, with power.

Application of Kappa Alpha Society for use of grounds west of the Gym. Annex, for tennis court, was, on motion referred to Committee on Buildings and Grounds.

On motion, the Treasurer was authorized to refund to Prof. Anthony the sum of \$80, paid by him for asphalt floor in Physical and Chemical Laboratory.

A communication from Mrs. J. E. Hall asking a reconsideration of the application of her daughter, for appointment to a vacant state scholarship, was presented. On motion, *Resolved*, That this Committee see no reasons for changing their decision in the matter of the application of Miss H. D. E. Hall.

On motion, the Treasurer was authorized to employ additional assistance in his office, at an expense not exceeding \$750 per annum.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 15th, 1887.

Present: Trustees, Sage, Cornell, Jones, Draper, Tyler, Boardman, Warner, Barnes, Sibley, Lord, Williams, Adams, and Van Cleef.

The minutes of meeting of March 9th, 1887, and records of Executive Committee to date, were, on motion, approved.

Moved and carried, that the President read only such portions of his report as he may desire the Board to act upon at this meeting.

Moved and carried, that the President's report be accepted, and referred to the Executive Committee, for publication of such portions as they may deem advisable.

The following resolutions were adopted, viz :

Resolved, That the Trustees of Cornell University, sharing the profound sadness which is everywhere felt at the death of Mrs. Andrew D. White, desire to express their deep sympathy for ex-President White and his family, in the overwhelming affliction which has with such bewildering suddenness befallen them. While to her own family and inner circle of friends, her sweetness of nature, her exquisite refinement of manners, her cultured intelligence, and loveliness of person, were best known; it is also true that these rich endowments of character and person have endeared her to circles of intelligence and virtue in foreign lands, as well as within the bounds of our own republic. The Trustees feel that the sky of Commencement Week has lost its brightness to a great extent for undergraduates and alumni, and that American society in many of its circles will not cease to deplore her loss.

To the honored and stricken ex-President they desire to utter the hope that Providence will sustain him and his family in this moment of ineffable sorrow, with the consolations which are more than any words of man's wisdom or affection.

Resolved, That the President of the University be instructed to transmit an official copy of the above to ex-President White.

The following resolution was adopted, viz :

Resolved, That while congratulating Professor Charles A. Schaeffer upon his election to the office of President of the Iowa State University, we desire to express our great regret at the loss the Faculty and Deanship of Cornell University will sustain in his removal to his new position. Professor Schaeffer has been a member of the Faculty almost from the foundation of the University, and will take with him the universal respect of the Board of Trustees, Faculty, and the Alumni of Cornell, for his unflinching courtesy towards all, for his scientific attainments, and for his usefulness as an instructor.

Moved and carried, that the Board proceed to elect two trustees in place of Hon. H. W. Sage and Hon. D. Boardman, terms expired.

Upon ballot duly had, Hon. H. W. Sage and Hon. D. Boardman received ten votes, and were declared unanimously elected trustees for a term of five years.

Moved and carried, that Hon. H. W. Sage be made chairman of this Board.

Notice was received from the Secretary of the Associate Alumni of Cornell University, of the election by that body of David S. Jordan as trustee of Cornell University for five years, in place of John DeWitt Warner, term expired.

The list of degrees recommended by the Faculty to be conferred at the Nineteenth Annual Commencement, to-morrow, the 16th inst., was on motion approved.

The following resolution was adopted, viz :

Resolved, That this Board express their deep regret at the announcement of the death of the Honorable ^{James} George Geddes, late President of the Agricultural Society of this State, and by virtue of his office, a member of the Board of Trustees of Cornell University.

Of distinguished ancestry, and himself possessing sterling character, he was untiring in his efforts for the public weal, and ever foremost in movements designed to advance the interests of his fellow citizens. Pure in all positions of public trust, his record in a varied administration of public affairs, stands unimpeached. As a civil engineer, he had plain common sense, united with practical ability; well skilled in theoretic and scientific agriculture, he was a most successful farmer.

To him the people of this State are indebted for his great and successful exertions in arousing their attention to the importance of agricultural pursuits, and, by frequent and elaborate publications,

transmit an official copy of the above to ex-President White.

demonstrating the necessity of a proper cultivation of the soil, as the best and surest method of securing their material prosperity.

By the death of Mr. Geddes, the State loses an honored and useful citizen, and this University one who would have brought to its councils an experience and administrative ability of the highest order.

It is ordered that this memorial be spread at large upon the records, and that a copy thereof be forwarded to the family of the deceased.

The following was presented, and on motion adopted :

WHEREAS, The United States Commissioner of Agriculture is desirous of retaining the services of Professor James Law for his professional assistance in the suppression of the lung plague in and about Chicago ; and

WHEREAS, This request is approved by the Governor and the State Commissioners of the State of Illinois ; and

WHEREAS, This University is so largely indebted to the bounty of the general government that we cannot ignore its claims upon us ; therefore,

Resolved, That Professor Law, in accordance with his request be given leave of absence for the next collegiate year, in accordance with the terms arranged under the statute providing for leave of absence during the sabbatical year.

Resolved, That the Executive Committee be directed to take such action as may be necessary to provide for the instruction of Professor Law's students during his absence.

The following was presented, and on motion adopted :

WHEREAS, In the reorganization of the Department of History and Political Science, the adjustment of courses in Political Economy is such, that nearly all of the students now in the University qualified to take advanced work have had such work under Acting Professor H. C. Adams, the time of whose engagement has expired, and

WHEREAS, In consequence of such readjustment no considerable inconvenience will be experienced, if the more advanced courses are not given during the coming year ; therefore,

Resolved, That the election of a Professor of Political Economy, Finance, and Social Science, be temporarily postponed.

Resolved, That an Instructor of Political Economy and Finance be appointed, whose duty it shall be to give the courses of instruction offered in the Official Announcement of the Faculty for the coming year.

Resolved, That this Board proceed to the election of a Professor of Comparative Philology, and Instructor in Greek and Latin, at a sal-

ary of \$3,000 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

Upon ballot duly had, Benj. I. Wheeler, Ph. D., was unanimously elected to the above named position.

Resolved, That Dr. Spencer B. Newbury, be, and is hereby appointed Acting Professor of General, Organic and Applied Chemistry for the term of two years at a salary of \$2,500 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

Resolved, That the salary of Associate Professor Cleaves, which two years ago was increased to \$1,800 for two years, be continued at the same rate for one year. Carried.

Resolved, That the Committee on Buildings and Grounds be authorized to make such changes in the upper story of Morrill Hall as may be necessary to adapt it to the uses of the School of Law, and such changes in the upper story of White Hall as may be practicable, to furnish larger accommodations for lecture and recitation rooms.

Resolved, That for these changes the sum of \$1,500 be appropriated. Carried.

Resolved, That the Executive Committee be requested to consider the necessity of providing an adequate audience room, in which the lectures of the distinguished special non-resident lecturers may be delivered, and to report its recommendations to this Board at an early future meeting. Carried.

Resolved, That the Executive Committee be directed to make such provision as in their judgment seems to be required, for the enlargement of the accommodations at the Gymnasium, in order to afford proper and permanent accommodations for the students required to exercise therein, and that the Executive Committee consider, and report at a future meeting of this Board, the question of the future support of the Gymnasium. Carried.

Resolved, That the Executive Committee be instructed and empowered to make all necessary provisions for complying with the requirements of the Agricultural Experiment Station Bill in anticipation of the receipt of the money provided for by that bill. Carried.

Resolved, That Emmons L. Williams, Treasurer of The Cornell University, be, and he is hereby authorized to receive and receipt for any and all monies appropriated by the Federal Government, in ac-

cordance with the requirements of the Act recently passed, establishing Agricultural Experiment Stations at the several colleges established under Act of Congress, approved July 2, 1862. Carried.

Resolved, That the salary of Emmons L. Williams, as Treasurer of the University be \$3,000 per annum, from the beginning of the next college year. Carried.

Adjourned until 3 o'clock, P. M.

Re-assembled at the Faculty Room, at 3 o'clock, P. M.

The following was presented and adopted, viz :

Resolved, That the following named persons be, and are hereby appointed to the positions respectively indicated ; each appointment to be for one year unless otherwise specified :

Rufus Anderson, Instructor in Mechanical Engineering, and Foreman of the Machine Shop,	\$1,200
George Lincoln Burr, A. B., Instructor in History, and Librarian of the President White Library of History and Political Science;	1,000
B. C. Brown, Instructor in Industrial Art and Drawing,	1,000
P. D. Brun, Instructor in French,	1,000
W. C. Dole, Jr., Instructor in Gymnastics,	1,000
O. L. Elliott, Instructor in English,	1,000
J. O. Griffin, Instructor in German,	1,000
E. E. Hale, Jr., Instructor in English,	1,000
A. S. Hathaway, Instructor in Mathematics,	1,000
F. H. Hodder, Instructor in Political Economy,	1,000
E. W. Huffcut, Instructor in English,	1,000
D. C. Jackson, Instructor in Physics,	1,000
J. F. Kemp, Instructor in Geology and Mineralogy,	1,000
Courtney Langdon, Instructor in Romance Languages,	1,000
James McMahan, Instructor in Mathematics,	1,000
F. H. Morgan, Instructor in Quantitative Analytical Chemistry,	1,000
E. H. Preswick, Instructor in Qualitative Analytical Chemistry,	1,000
C. S. Prosser, Instructor in Paleontology,	1,000
C. B. Wilson, Instructor in German,	1,000
A. C. White, Instructor in Greek and Latin,	1,000
H. A. McNeil, Instructor in Industrial Art,	1,000

William R. Orndorff, Ph. D., Instructor in General and Organic Chemistry,	750
Charles A. Strong, A. B., Instructor in Philosophy and Logic,	1,000
C. H. Thurber, Registrar, and President's Secretary,	1,000
Louis Munroe Dennis, B. S., Chemistry,	750
James W. Granger, Instructor in Forging,	750
W. H. Wood, Instructor in Woodworking,	750
J. E. Vanderhoef, Instructor in Moulding,	750
C. D. Marx, Assistant Professor of Civil Engineering, (for three years),	1,600
Frank Van Vleck, Assistant Professor of Drawing, (for three years),	1,400
Mrs. A. M. Derkheim,	1,200
Mrs. E. P. Gilbert,	250
Ludlow Eliakim Lapham, A. B., Instructor in French,	1,000
Frederick Vernon Coville, A. B., Instructor in Botany,	750
Duane Studley, B. S., Instructor in Mathematics,	750
A. M. Mosscrop, B. C. E., Instructor in Civil Engineering, and Assistant in the Engineering Laboratories,	1,000

The Committee appointed to procure plans for a Library Building, submitted their report, with preliminary plans for the proposed building. On motion, the report, together with the plans accompanying same, were recommitted to the Committee, for the purpose of having the plans completed, and obtaining necessary data regarding the cost of the proposed building, with authority to procure additional plans, if in their judgment it seems advisable, and report at a future meeting of this Board.

The following was presented, viz :

Resolved, That that portion of the University estate not devoted to the purposes of agricultural cultivation be designated as the "University Park." On motion, referred to the Executive Committee.

Resolved, That the building erected by the late John McGraw, and now commonly known as the McGraw building, be hereafter designated as "McGraw Hall." Carried.

Application of Professor Hewett for an appropriation of \$200 to be expended in Europe for illustrative material for the German department was, on motion, referred to the Executive Committee with power.

Moved by Mr. Van Cleef, that the salary of Professor W. T. Hewett be made \$3,000 per annum, from and after the beginning of the next collegiate year.

Mr. Lord moved to amend the above, by inserting the name of Professor H. S. White, after that of Professor Hewett, so that any increase of salary would apply equally to both.

Mr. Jones moved that the subject of increasing the salaries of Professors Hewett and White, be indefinitely postponed. Carried.

Moved and carried, that \$100 be placed at the disposal of Professor Dudley for the purchase of illustrative material for the Botanical department, while in Europe.

Moved and carried that the appropriation to the class of '87, for music at commencement, be increased to \$200.

Adjourned to meet at the McGraw Building, Thursday, 16th inst., at 9 o'clock, A. M.

THURSDAY MORNING, June 16th, 1887.

Resolved, That Messrs. Sage, Adams, and Cornell are hereby appointed a committee to consider the desirability of taking preliminary measures for the establishment of a Medical Department either independently, or by arrangement with some existing institution. If they find that the subject deserves an early consideration by this Board, the Chairman is authorized to call a special meeting for such purpose at Ithaca or elsewhere. Carried.

A communication from the Faculty recommending Mr. S. E. Kelsey for graduation, was received, and on motion, approved.

Resolved, That the President of the United States be respectfully invited to attend the Twentieth Annual Commencement of the Cornell University in June, 1888, and that a committee of this Board be appointed to extend the invitation, and arrange for his attendance. Carried. Messrs. A. B. Cornell, C. K. Adams, Hiram Sibley, and Henry W. Sage, were appointed such Committee.

Adjourned.

W. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 18th, 1887.

Present: Trustees Sage, Van Cleef, Boardman, Adams, Lord, Williams, and White.

Moved and carried, that a committee of three, of which the Chairman shall be one, be appointed to consider and report at a future meeting of this Committee, upon the subject of an addition to the Gymnasium. Judge Boardman and Mr. Williams were appointed as such committee.

A communication from Professor Morris, Supt. of Buildings, in regard to repairs needed in and upon the several University Buildings, was, on motion, referred to the Treasurer, with power.

The question of necessary repairs and changes at Sage College, was, on motion, referred to the Chairman and Treasurer with power.

Application of Professor Isaac Flagg for an additional loan of \$1,000 upon his cottage on the campus, was, on motion, granted.

On motion, the sum of \$500 was appropriated for the payment of the subscription of Cornell University, for the years 1886-7, and 1887-8, towards the support of the School of Classical Studies at Athens.

Application of Professor Prentiss, Supt. of Grounds, for an additional appropriation of \$450, was, on motion, referred to the Committee on Buildings and Grounds.

The Finance Committee reported the following investments made since the date of their last report:

BONDS.

Leav. Topeka & S. W. R. R., due 1912,	4	pr. ct. @	84½,	12,000
Howard Co., Neb.	1906,	6	100	20,000
Lancaster Co., Neb.,	1903,	5½	99	16,500
Kingman Co., Kan.,	1886, 10-30s,	6	100	45,000
Agnes City Tp., Kan.,	1917,	6	100	20,000
Santa Anna Tp., Ill.,	1902 to 1906,	6 @	5½ pr. ct. basis,	20,000
Jamestown, D. T.,	1902,	7 pr. ct. @	6 " basis,	24,000
Jefferson Co., Mont.,	1887, 5-20s,	6 @	100½	10,000

\$167,500

BONDS CONTRACTED, BUT NOT DELIVERED :

Edwards Co., Kan.,	30 yr. 6 pr. ct., . .	16,000
Stafford Co., Kan.,	" "	49,000
Cowley Co., Kan.,	10-30, 6 "	35,000

\$100,000 @ 99

MORTGAGES.

V. A. Bass,	due 1891, Burn., Tul. & Co.,	6	pr. ct.	5,500
W. F. & M. J. Hessman,	1891, Stull Bros.,	7	"	4,000
M. & J. S. Collison, . .	1891, do.	6½	"	2,900
R. J. & C. McCoy,	1892, Ballou & Co.,	7	"	2,600
Wm. Harshbarger,	1892, Stull Bros.,	7	"	3,200
E. M. Chapman,	1891, Kans. L. & T. Co.,	7	"	2,000
Wm. F. Rankin,	1892, Burn., Tul. & Co.,	6	"	18,400
Jno. F. Hanna,	1892, do. do.	6	"	16,000
Jno. A. Rankin,	1892, do. do.	6	"	6,000
Chas. M. Gifford,	1892, Kan. L. & T. Co.,	7	"	500

\$61,100

MORTGAGES CONTRACTED FOR BUT NOT DELIVERED.

John A. Ward,	1892, Kan. L. & T. Co.,	7	pr. ct.	\$3,500
J. L. Poorman,	1892, do. do.	6½	"	2,500
H. W. Brown,	1894, do. do.	6½	"	5,000
J. P. Wiser, due 1892, on 6440 acs. Jarvis-Conklin Co.,	6	"	"	60,000

\$71,000

NOTES.

C. K. Adams, 1 year, \$1,500

On motion, the report was accepted, and the action of the Committee ratified and approved.

The committee appointed with power to make a contract with Walter G. Smith & Co., for the establishment of a printing office at the University, reported that they had executed a contract with said Smith & Co., for the rental of the west basement room in the Sibley building, together with the large Hoe Press owned by the University, and power sufficient to run same, with two smaller presses, for the annual sum of \$400, the University reserving the right to discontinue the furnishing of power at any time upon written notice, and a reduction of \$100 from the annual rent, and to cancel the contract at any time, upon thirty days' notice. On motion, the report was accepted and adopted, and the Committee discharged.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 19th, 1887.

Present: Trustees Sage, Boardman, Williams, Adams, Van Cleef, and Lord.

Minutes of meeting of June 18th, were, on motion, approved as printed.

The following letter was presented, and on motion ordered spread upon the minutes :

To the Board of Trustees of Cornell University :

GENTLEMEN—

Having accepted a position as Electrician of an Electric Lighting Company, I hereby resign the chair of Physics in this University.

In withdrawing from a work that has occupied me for the last fifteen years, I desire to express my gratitude for the evidences of appreciation and good will on the part of the Board, that I see in looking back over the period of my engagement here.

Respectfully submitted,

WM. A. ANTHONY.

On motion, it was *Resolved*, That the resignation of Professor W. A. Anthony as Professor of Physics, be, and the same is hereby accepted.

Resolved, That the Trustees regret the resignation of Professor Anthony, whose long, devoted, and successful labors have brought the Department of Physics in this University to so high a condition, and accomplished such excellent results. While we are sorry that his personal and business interests have led him to sever his connec-

tion with Cornell University, we are glad to be able to commend him to his new friends and associates, as an able and indefatigable worker, a faithful and intelligent student and teacher, and a courteous and loyal gentleman, whose prosperity and success in life will be most welcome to his old friends and associates.

The Secretary is ordered to enter the above resolution in the minutes, and send a copy to Professor Anthony.

Resolved, That we recommend to the Board of Trustees the appointment of E. L. Nichols, Ph. D., as Professor of Physics in this University, at a salary of \$3,000 per annum, this appointment to take effect at the beginning of the coming collegiate year. Carried.

Resolved, That Professor W. T. Hewett, having requested leave of absence for study in Europe during the coming year, be, and is hereby granted such leave, in accordance with the provisions of the statute in regard to leave of absence, provided arrangements, without expense to the University, and satisfactory to the President can be made, for securing the proper instruction for Professor Hewett's classes. Carried.

Resolved, That Mr. George E. Fisher, A. B., having been recommended by the Professors of Mathematics, for the position of Instructor, be, and is hereby appointed Instructor of Mathematics for one year, at a salary of \$750. Carried.

Resolved, That Dr. W. Newcomb be continued as Curator of the Conchological collection for one year, at a salary of \$750. Carried.

Resolved, That Brainard G. Smith, A. M., be, and hereby is appointed Associate Professor of Rhetoric and Oratory for the term of three years, at a salary of \$2,000 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

On motion, the sum of \$1000 was appropriated for making additions to the Law Library, same to be expended under the direction of the Dean and Professors of Law.

Moved and carried, that the Superintendent of Buildings and Grounds be authorized to make such changes in water pipes as may be necessary to furnish an adequate supply of water at the President's house.

The following report was presented, and on motion, accepted and adopted :

The undersigned, to whom was referred the matter of increased accommodations for the Gymnasium, respectfully report :

That in view of other and greater needs of the University, they deem it unwise to expend more on the Gymnasium now, than simply to provide for increase of closet and dressing rooms for the students, and needful repairs to the bath rooms. We therefore recommend, that there be added to the entire west side of the old, wooden building, a room sixteen feet wide, which will furnish the needful closet room, and that the bath rooms be properly repaired. This can all be done for a cost not far from \$1,000, which will be about one year's interest on the cost of such additions as have been suggested, and will in the opinion of your Committee, furnish all the accommodations absolutely needed for several years.

H. W. SAGE,
D. BOARDMAN,
GEO. R. WILLIAMS.

Ithaca, July 19, 1887.

Moved and carried, that hereafter a charge of 75 cents per term, be made to all students using lockers and baths at the Gymnasium.

On motion, *Resolved*, That Mr. F. C. Fowler be appointed Mechanician and Instructor in Physics for one year, at a salary of \$750.

On motion, the Treasurer was authorized to execute a deed to John S. Dwyer for an undivided half of the parcel of land known as the old Powder Mill property, according to the terms of a contract executed by Cornell University, Oct. 21, 1868.

On motion, *Resolved*, That Mr. F. H. Noyes be appointed Instructor in Freehand Drawing for one year, at a salary of \$600.

Moved and carried, that Dr. R. H. Thurston be authorized to secure the services of an Instructor of second class, in the Machine Shop for one year, at a salary of \$750.

A communication from Dr. Thurston, in regard to the mechanical appropriation, was, on motion, referred to the Committee on Appropriations.

An application by Mr. J. T. Newman for the purchase of a building lot south and east of Cascadilla Bridge, was, on motion, referred to the Committee on Buildings and Grounds, and Judge Boardman.

The following report was presented :

Regarding the application of Professor Fuyertes, of Department of Civil Engineering, the Committee on Applied Science advise :

1st. That Mr. Mossdrop be retained as Instructor for the coming year, at a salary of \$1,000.

2d. That Professor Fuyertes be permitted and advised to relieve the work of his department, so far as may seem necessary for its conve-

nient working, by a transfer of instruction in the more rudimentary portions of drawing work, to the general drawing department.

3d. That no present action should be taken regarding a Civil Engineering building.

4th. That the department be relieved by a grant of the use of the basement under the present library for laboratory purposes.

5th. That the rooms now occupied by the library, or used in connection with it, be set apart for the future use of the department of Civil Engineering, to be taken possession of when no longer needed for library purposes. (All provided the Executive Committee do not prefer to put up new building.)

The above recommendations were unanimously adopted by the Committee on Applied Science, June 9th, 1887.

GEO. R. WILLIAMS, Chairman.

Moved and carried, that so much of the above report as relates to instruction for the coming year, and the occupancy of the basement of the McGraw Building, be adopted.

Moved and carried that the Treasurer be authorized to pay the expenses of Professor Comstock to Batavia, N. Y., the trip having been made at the request of the President.

Moved and carried, that the President and the Faculty of Agriculture be requested to prepare plans for the organization of an Agricultural Experiment Station in fulfillment of requirements of the Hatch bill, and report at the October meeting of the Board.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Aug. 16th, 1887.

Present: Trustees Sage, Boardman, Lord, Adams, Williams, and Van Cleef.

Minutes of last meeting approved as printed.

Moved that J. Howard Pratt, Jr., Ph. D., be, and is hereby appointed Instructor in Physics for the coming year at a salary of \$1,000. Carried.

Moved that Arthur ~~N.~~^{A.} Rowe be, and is hereby appointed Instructor in Architecture for the coming year, at a salary of \$750. Carried.

A letter from Mr. Geo. L. Burr, declining the Instructorship in History, was presented and placed on file.

The resignation of Mr. W. C. Dole, as Instructor in Gymnastics, was presented, and on motion, accepted.

Moved and carried, that the President be authorized to correspond with Professor F. B. Sanborn, with a view to his giving a course of lectures at the University next year, upon the same terms as heretofore.

Moved and carried, that the President, Chairman, and Judge Boardman be appointed a Standing Committee on Appropriations.

Moved and carried, that a loan of \$3,500 be made to Professor H. Tuttle, upon the house which he is erecting upon the campus.

Moved and carried, that the President be authorized to publish such portions of his report as may to him seem wise.

Moved and carried, that the Treasurer be requested to present his report to the Executive Committee, with a view to having the same printed in the minutes of the Committee, and that one hundred extra copies of same be printed.

Moved and carried, that the proposal to sell a lot south-east of the Cascadilla bridge, to Mr. Newman, be declined.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Sept. 27th, 1887.

Present : Trustees Sage, Adams, White, Lord, Williams, Van Cleef, and Tyler.

Minutes of previous meeting approved as printed.

Resolved, That in place of Mr. W. C. Dole, whose resignation has been accepted, Mr. R. T. Nelligan be and is hereby appointed Instructor in Gymnastics for the current year, at a salary of one thousand dollars. Carried.

The following was presented :

ROCHESTER, N. Y., Sept. 1st, 1887.

*To the Honorable Board of Trustees of Cornell University,
Ithaca, N. Y.:*

GENTLEMEN :—I hereby present my resignation of the position of Instructor in the Department of Civil Engineering for the ensuing college year.

Your obedient servant,

ALFRED M. MOSSCROP.

On motion, *Resolved*, that the resignation of Alfred M. Mosscrop be, and the same hereby is accepted.

The following was presented, and, on motion, accepted and adopted :

The Committee on Applied Science respectfully advise that two additional instructors be appointed for the Department of Civil Engineering, in place of Messrs. Mosscrop and Wing.

Ithaca, N. Y., Sept. 13th, 1887.

G. R. WILLIAMS,

Chairman Com. Applied Science.

Resolved, That in place of Mr. A. M. Mosscrop, whose resignation has been accepted, Mr. W. D. Gunner, C. E., be and hereby is appointed Instructor in Civil Engineering for the current year, at a salary of one thousand dollars. Carried.

Resolved, That Mr. C. B. Wing, C. E., appointed Instructor near the close of last year, be and hereby is continued in the position of Instructor in Civil Engineering for the current year, at a salary of one thousand dollars. Carried.

Moved and carried, that an appropriation of \$75.00 be made for the fitting and placing of two bath-tubs in the Gymnasium.

Moved and carried, that an appropriation of \$300.00 be made for the purchase of apparatus and chemicals for the use of students in introductory chemical practice.

The application of Professor Newberry for an appropriation of \$400 for the purpose of fitting up the room in the Chemical Annex, known as the Assay Laboratory, for the purpose of instruction in introductory chemical practice, on motion, referred to the Committee on Applied Science, with power.

Moved and carried, that Professor Thurston be authorized to recommend to this Committee a suitable person for appointment as Fireman at Sibley College.

Application of Dr. Nichols for the appointment of an additional Janitor at the Physical Laboratory, was, on motion, referred to the Committee on Applied Science, with power.

On motion, *Resolved*, That Mr. Grant A. Covell be, and is hereby appointed Instructor in the Machine Shop for the current year, at a salary of \$600.

Resolved, That the Treasurer be instructed to pay for labor done on the site of the new Library in excavation and blasting for the purpose of ascertaining the character of the excavation, and the quantity of sound stone which will be available for rough stone foundation walls. Carried.

Moved and carried, that an allowance of \$250 per year be made to Professor Albert N. Prentiss for services as Superintendent of Grounds, the same to take effect at the beginning of the collegiate year 1886-7, upon the understanding that no compensation be claimed for services rendered during vacations.

Moved and carried, that an allowance of \$250 per year be made to Professor John L. Morris for services as Superintendent of Buildings, the same to take effect at the beginning of the collegiate year 1886-7, upon the understanding that no compensation be claimed for services rendered during vacations.

On motion, *Resolved*, That the application of Professor Moses Coit Tyler for leave of absence during the third term of the present University year, with full salary, be, and the same is hereby granted, with the understanding that the work of instruction shall be arranged without the employment of additional teaching force.

On motion, the Treasurer was authorized to put steam, gas and water pipes in the tower room of the Physical Laboratory, as per request of Dr. E. L. Nichols.

Moved and carried that the Cornell University Christian Association be permitted to use the Armory, upon the usual terms and conditions, on Friday evening, Sept. 30, 1887, for the purpose of holding its annual reception to new students.

On motion, the question of re-seating Prof. Tuttle's lecture room was referred to the President and Treasurer, with power.

Moved and carried, that the Committee on the erection of the Barnes Building be authorized to let the contract upon the bids and conditions presented and recommended by the Chairman of this Board.

The Treasurer's Annual Report for the year 1886-7 was presented, and referred to the Auditing Committee, with the request that said Committee report to the full Board.

On motion, the Finance Committee were requested to have the Treasurer's Report printed, as per instruction of the full Board.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 15th, 1887.

Present: Trustees Adams, Boardman, Van Cleef, White, and Lord.

On motion, Judge Boardman was called to the Chair.

Minutes of last meeting were, on motion, approved as printed.

Resolved, That in place of Mr. D. W. Gunner, deceased, Mr. Herman Klock Vedder, C. E., be appointed Instructor in Civil Engineering at a salary of \$1,000 for the current year. Carried.

Application of Sherman C. Sweeting for permission to give notes in settlement of tuition fees, on motion, referred to Committee on Extension of Tuition, with power.

A communication from Mr. A. Spencer, asking that his State Scholarship, which expired last year, be extended to cover the present year, was presented. *Resolved*, That this Committee see no good reason for extending Mr. Spencer's Scholarship. Carried.

Resolved, That the Treasurer be authorized to accept the notes of Mr. A. Spencer in settlement of tuition for the current year, provided he is unable to pay same. Carried.

On motion, *Resolved*, That this Committee recommend that that portion of the University estate, not devoted to the uses of the Agricultural Department, be hereafter known and designated as the "University Grounds." Carried.

On motion, *Resolved*, That this Committee recommend that the several drives upon the University Grounds be hereafter known and designated as follows, viz.: The drive from the entrance to the University Grounds at Cascadilla, to the Fall Creek Road near the Sibley Building, to be known as *Central Avenue*. The drive from Central Ave. east, past the Gymnasium to Cascadilla Creek near Dwyer's Mill, as *South Ave*. The drive from Central Ave. near the residence of Professor Prentiss, via Sage College, to Central Avenue near Mor-

rill Hall, as *Sage Ave.* The drive from Central Ave. near Morrill Hall to President's House, as *President's Ave.* The drive from South Ave. near residence of Professor H. S. Williams, north, to Fall Creek road, as *East Ave.* The drive from University Ave. near the Fiske Mansion, east, running south of Physical and Chemical Laboratory and Sibley College through to East Ave., as *Sibley Ave.* The drive from East Ave. to the Barns, as *Reservoir Ave.* The drive on west side of main buildings as *Terrace Ave.* Carried.

On motion, \$500 was appropriated for changes at Sibley College, to accommodate dynamos, as per recommendation of Dr. Thurston, same to be expended subject to approval of Committee on Applied Science.

Moved and carried, that a special committee, consisting of Messrs. Williams, Sage, and Dr. Thurston, be appointed to examine and report at the coming meeting of the full Board, as to the feasibility of heating the University buildings from a central boiler station.

Moved and carried, that a salary of \$200 per annum be attached to the office of Dean of the Faculty.

President Adams reported that under the authority recently granted, he had arranged with Professor F. B. Sanborn to continue his course of lectures during the coming year, upon the same terms as heretofore, viz. : \$900, and expenses not to exceed \$100. On motion, the action of President Adams was ratified.

Moved and carried, that the Treasurer be authorized to pay bill of Rossiter & Wright, amounting to \$323 45, for plans of Barnes Hall, said payment to be adjusted hereafter with the Barnes fund.

Resolved, That the Treasurer of the University be, and is hereby authorized to pay the contractors for the erection of Barnes Hall, such sums as may be certified by the committee in charge of erecting said building, for the account of Mr. A. S. Barnes, and upon security to be deposited by him. Carried.

The action of the Treasurer, in charging the balance against Premium and Discount, viz. : \$3,148 30 to Expense, was, on motion, approved.

Moved and carried, that Professor H. S. Williams be authorized to purchase a collection of fossils from Mr. H. H. Smith, at an expense not exceeding \$150.

Dr. Thurston recommended the appointment of Mr. Patrick Lucas as fireman at Sibley Building, at \$35 per month. On motion, Mr. Lucas was appointed fireman, as recommended.

On motion, the Treasurer was authorized to pay the non-resident Law Lecturers, at the rate of not exceeding \$50 per lecture.

On motion, Professor W. R. Dudley was granted a leave of absence for one year, in accordance with the statute governing leaves of absence.

On motion, Miss E. L. Clark was appointed cataloguer of the White Library, at a salary of \$780 per annum, same to take effect June 10, 1887.

The report of Committee on Applied Science recommending an appropriation for changes in Chemical Annex of \$350, and that a student be employed four hours per day as assistant janitor in Physical Department, was, on motion, adopted.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Oct. 26th, 1887.

Present: Trustees Sage, Cornell, Adams, Boardman, Jordan, Lord, White, Parker, Williams, and Van Cleaf.

The minutes of the meeting of June 15th, 1887, were read, and, on motion, approved.

The minutes of the Executive Committee from June 15th to date, were, on motion, approved as printed.

The Treasurer's Report for the year ending Aug. 1st, 1887, was read, and, on motion, accepted and approved.

The report of the Land Committee was presented, and, on motion, accepted and adopted, and the chairman of said committee authorized to print such portions of same as he may deem wise.

The Committee appointed by the Executive Committee to prepare plans for the organization of an Agricultural Experiment Station, in fulfillment of the requirements of the Hatch Bill, submitted their report and recommended the adoption of the following resolutions, viz :

First, That for the purpose of giving definiteness and unity to the work of the Experiment Station, there be established a Committee to be known as the Agricultural Experiment Station Council ; such council to consist of the President of the University ; two other members of the Board of Trustees, one of whom shall be the president of the State Agricultural Society, and one of whom shall be chosen from the Trustees residing in Ithaca ; together with the heads of those departments in which the work of the Station is to be done, viz., the Professor of Agriculture, the Professor of Agricultural Chemistry, the Professor of Veterinary Science, the Professor of Botany, the Professor of Entomology, and, in case the appointments recommended are made, the Director of the Station, and the Profes-

sor of Practical and Experimental Horticulture. It shall be the duty of this council to recommend to the Trustees the apportionment of the work to be done at the Station by the various departments ; to make any other recommendations they may think conducive to the efficiency of the Station ; and in general, to have such immediate management of the affairs of the Station as may be intrusted to them by the Trustees.

Second, That it is the policy of the Board of Trustees to appoint a Director of the Experiment Station whose duties shall be, to carry out the measures determined upon by the Trustees and the Council ; to prepare, publish, and distribute the Bulletins of the Station as required by law ; to prepare an Annual Report to the Trustees of the work of the year, and, in general, to act as the chief executive officer of the Station.

Third, That it is the policy of the Board of Trustees to appoint a Professor of Practical and Experimental Horticulture, whose duties shall be those implied in his title.

Fourth, That in case, by the action of Congress and the rulings of the Treasury, the Government should make the funds provided for by the Hatch Bill available before the next meeting of this Board, the Executive Committee, be, and are hereby authorized to take all measures which in their judgment may be necessary to put the Experiment Station immediately into the most efficient operation.

On motion, the above resolutions were adopted, and the report of the Committee referred to the Executive Committee for publication.

The following was presented : The Committee on Library Building beg leave to report that they have continued their studies, and that Messrs. Van Brunt & Howe have presented for their approval carefully elaborated plans. The plans, however, arrived too late for the careful inspection they should receive. Though tenders from contractors have been asked for by the Architects with a view to receiving exact information as to the cost of building, such tenders have not yet been received, and therefore the Committee are unable to make any report as to estimated cost. In view of these facts, the Committee ask for further time with the purpose of procuring other plans, in accordance with the instructions of the Board at the June meeting.

Signed,

C. K. ADAMS,
H. W. SAGE,
H. B. LORD.

On motion, the above report was accepted, and the Committee granted further time, as requested.

The following was presented :

To the Board of Trustees of Cornell University :

GENTLEMEN :—

The Committee on Estimates beg leave to submit the following recommendations for appropriations for the year 1887-8.

The estimated income for the year 1887-8 as furnished

by the Treasurer is	\$294,000 00
Surplus from last year	24,177 49
Total estimated income	\$318,177 49

The following appropriations amount in the aggregate to \$264,053.

The estimated surplus at the end of the year, exclusive of any subsequent appropriations not herein included, will be \$54,124.49.

APPROPRIATIONS.

Necessary appropriations of unexpended balances,	3,859 00	Brought Forward,	\$51,902 00
Agriculture,	8,525 00	Library,	13,232 00
Architecture,	650 00	Mech. Engineering,	5,000 00
Anatomy,	1,646 00	Military,	300 00
Advertising,	1,800 00	Meteorology,	130 00
Botany,	1,720 00	Physics,	1,800 00
Bell Ringing,	200 00	Physical Culture,	400 00
Chemistry,	3,600 00	Printing and Station,	1,600 00
Civil Engineering,	2,590 00	Repairs,	7,800 00
Care of Buildings,	4,000 00	Register,	1,600 00
Care of Grounds,	2,000 00	Salaries,	155,870 00
Contingent,	4,500 00	Sage College Fund,	7,500 00
Conchology,	100 00	Sage Chapel Expense	700 00
Classical,	1,050 00	Student Loan Fund,	500 00
Dean Sage Sermon Fund,	1,800 00	Scholarships and Fellowships,	8,000 00
Entomology,	712 00	Sibley Prize,	100 00
Electric Lighting,	600 00	White Veter'y Prize,	30 00
Fuel,	6,000 00	Woodford Medal,	100 00
Geology, Paleontology and Mineralogy,	350 00	Add. Appn's required to cover expenditures already ordered,	6,989 00
German,	200 00	Law Library,	500 00
Insurance,	6,000 00	Total appropriations,	\$264,053 00
Carried Forward,	\$51,902 00		

Respectfully submitted,

C. K. ADAMS,
H. W. SAGE,
D. BOARDMAN.

On motion, the above report was accepted and adopted.

On motion, the sum of \$800 was appropriated for Special Lecturers, the same to be expended under the direction of the president of the University.

On motion, the sum of \$600 was appropriated for the securing of lecturers on Horticulture during the Winter term.

Resolved, That the Treasurer be instructed to settle with Mr. L. V. Ripley for his services for the past two years in the examination of pine lands, by the payment of one thousand dollars in addition to the compensation heretofore provided for.

Resolved, That the thanks of the Trustees of Cornell University be expressed to Mr. L. V. Ripley for his faithful and intelligent examination of our lands in Wisconsin, and for his valuable report as to the condition and quality of said lands. Carried.

Resolved, That the gift to the University by Mr. A. S. Barnes of the necessary funds for the erection of an attractive and commodious building for the use of the Students' Christian Association of Cornell University, is gratefully accepted by the Trustees, and the assurance is hereby given that the building shall be devoted to the purposes for which it was designed by the generous benefactor.

Resolved, That we have learned, with great regret, that Mr. Barnes is detained by severe illness from meeting with his colleagues of the Board of Trustees at its present meeting, and we desire to express to him our sympathetic regards and our earnest hope that his recovery may be immediate and complete. Carried.

Resolved, That the Board of Trustees of Cornell University tender its thanks to Mrs. A. S. Barnes, of Brooklyn, N. Y., for her generous gift of the sum of \$1,000, the interest or income whereof is to be perpetually appropriated as a prize to the undergraduate student who shall present the best essay upon the writings of Shakespeare, as by her letter of gift is especially indicated. Carried.

Resolved, That the action of the Executive Committee in regard to financial management in the erection of Barnes Hall be, and the same is hereby approved. Carried.

Resolved, That the Executive Committee be instructed to provide for the publication of a general catalogue of students, similar to the Ten Year Book published in 1878.

The committee appointed to report as to the feasibility of heating the University buildings from a central boiler station submitted their report, which was, on motion, referred to the Executive Committee for further consideration.

Resolved, That Mr. Theodore Henckels be, and is hereby appointed Instructor in German for the current year, at a salary of \$1,000. Carried.

Adjourned to meet at 2.30 p. m.

Reassembled at the Faculty Room, at 2.30 p. m.

The following was presented :

WHEREAS, certain law students, graduates of this or similar institutions, entertain doubts whether they should be required to pay tuition in the Law School, or whether as graduates, they are not entitled to free tuition, as other post graduates,

Resolved, That the organization of the Law Department is independent of the Literary Department, and not within the statutes providing for post graduate studies, and the students in such department are not entitled to exemption from tuition fees, unless holding a State scholarship, or the degree of LL. B. from this University, or some other college or school of good standing. Carried.

Resolved, That hereafter all investments of University funds, whether heretofore made, or hereafter to be made, shall be regarded as made for the University as a whole, and not for any specific fund, and that the annual income arising from such investments shall be distributed *pro rata* among the several specific funds held by, and the absolute property of the University, except such funds as by the terms of their holding are or may be subject to specific conditions. Carried.

Whereas, It has become imperatively necessary that immediate provision be made for the permanent accommodation of the Departments of Civil Engineering and Architecture,

Resolved, That the Executive Committee is hereby directed to proceed at the earliest possible time, with the erection of a suitable building for such purpose, at an expense not exceeding sixty thousand dollars. Carried.

Resolved, That the Executive Committee be requested to consider the practicability of establishing a system of Cadetships, or Fellowships, in Agriculture, by which the conduct of experiments in Agriculture may be carried on by a trained corps of experts ; and that, if such a system be found practicable and desirable, said Committee be authorized to adopt such plan in the organization of the Experiment Station. Carried.

Resolved, That the sum of \$300, or so much thereof as may be necessary, be appropriated for an Alumni Dinner to be given at the next Commencement, the sum to be expended under the direction of Trustees Van Cleef and Williams, and the Executive Committee of the Associate Alumni.

Resolved, That the President be authorized to receive the portrait of Mr. Sage, painted by Huntington, and that the Treasurer be directed to pay for the same, upon the President's approval. Carried.

The subject of grounds for students' athletic sports was, on motion, referred to the Committee on Buildings and Grounds, to report to the Executive Committee.

The question of advancing the price of tuition was discussed at considerable length, but final action thereon was, on motion, postponed until the June meeting of the Board.

On motion, Judge Boardman and Mr. Van Cleef were substituted for Mr. Brooks, deceased, and Mr. Gluck, on the Committee appointed in June, 1886, to report upon the question of erecting dormitories on the University Grounds.

Adjourned.

W. R. HUMPHREY, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Nov. 3rd, 1887.

Present : Trustees Boardman, Tyler, White, Van Cleef, Williams, and Lord.

On motion, Judge Boardman was called to the chair.

Moved and carried, That the sum of \$1,000 be added to the appropriation for the Law Library to cover bills contracted under resolution July 19, 1887.

On motion, the sum of \$35 was appropriated for the Class of '86 Memorial Prize.

On motion, the sum of \$500 was appropriated for the care and repair of the Water Works.

Resolved, That there be appointed a Standing Committee on the Departments of History, Philosophy and Pedagogy, said committee to consist of Trustees White, Adams, and Lord. Carried.

Resolved, That ex-President A. D. White be appointed a member of the Agricultural Experiment Station Council, as provided for in resolution Oct. 26, 1887.

A communication from the Faculty nominating Professors Gage, Wheeler, Nichols, and Tuttle as members of the Library Council for the current year, was presented. On motion, the nominations made by the Faculty were confirmed.

Moved and carried, That Mr. Lord be reappointed member of the Library Council.

Moved and carried, That the houses on Central Avenue be numbered from south to north, beginning with the Psi U. house as No. 1, K. A. house, No. 2, Professor Prentiss's, No. 3, and continuing the odd numbers on west side of Avenue.

Moved and carried, That the houses and lots on East Avenue, be numbered from south to north, beginning with Professor H. S. Williams' as No. 1, and continuing the odd numbers on east side of said Avenue.

Resolved, That E. L. Williams, the Treasurer of this Board, be, and he is hereby authorized, for and in behalf of this Corporation, and in the corporate name thereof, and under its corporate seal, to sign, seal, execute, and deliver to the United States of America, a good and sufficient bond, under and in pursuance of the Laws of the United States, and particularly under Section 2,509 of said laws, and the regulations of the Treasury Department pertaining thereto, whereby this Corporation shall be bounden unto the said United States of America in the sum of Three Hundred Dollars, to secure to the said United States, the lawful duties that may be due on certain electrotype reproductions of Ancient Coins, that were imported by this Corporation at the port of New York, in the Steamship Tower Hill, from London, should any of the said merchandise be used or transferred, contrary to the provisions and intent of the act aforesaid. Carried.

Moved that the President and Secretary be authorized to attest and transmit to the Board of Regents the usual annual report, prepared in accordance with the instructions of said Board of Regents. Carried.

Resolved, That the Treasurer be, and hereby is authorized to remove Mrs. Wm. Dwyer from the premises occupied by her on the University Grounds. Carried.

Resolved, That Trustee Williams, the Treasurer, and Professor Morris be requested to examine and report upon the question of additional provision for protection against fire at Cascadilla.

Moved and carried, That the question of supplying Sage College with suitable water filters, be referred to Trustee Williams, Mr. Sage, and the Treasurer, with power.

Moved and carried, That the report of the sub-committee upon the central heating station, submitted to the full board, Oct. 26th, and referred by them to the Executive Committee for further consideration, be recommitted to the committee having it in charge for an additional report.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 16th, 1887.

Present: Trustees Sage, Tyler, Adams, White, Lord, Williams, and Van Cleef.

Minutes of last two meetings were, on motion, approved as printed.

The question of granting Professor Collin leave of absence during the third term of the current year, for the purpose of assisting the Governor of the State in the examination of bills, was, on motion, referred to Judge Boardman, President Adams, and Mr. Van Cleef, with power.

On motion, the Treasurer was instructed to pay Messrs. Van Brunt & Howe, \$5,395, in settlement of professional services to date, in preparing plans and specifications, and obtaining estimates for proposed Library Building for Cornell University.

Moved and carried, that Professor M. C. Tyler be granted leave of absence during the next collegiate year, in accordance with the statute governing leaves of absence during the Sabbatical Year.

The following was presented :

REPORT OF THE EXPERIMENT STATION COUNCIL.

To the Executive Committee of Cornell University:

GENTLEMEN :—

The Agricultural Experiment Station Council beg leave to report that they have taken into very careful consideration the several questions involved in the application of the provisions of the so called Hatch Bill to this University, and they offer the following suggestions and recommendations :

The provisions of the bill require that the money made available by it should be expended for the purposes of experimentation in the various fields relating to agriculture, and the publication of the results of the same. The only questions, therefore, that legitimately come before us for consideration, are questions of organization with a view to the largest practicable results.

One of the resolutions adopted by the Board of Trustees, committed the University to the policy of appointing a Director of the Station. This action we think was wise, and in order that the station, in all its work, may be under the same general policy, we recommend that this officer be appointed as soon as the funds provided by the bill are available for the payment of salaries.

The second matter that received our attention was that of the Professorship of Horticulture. It is our unanimous opinion that in a great horticulture state like New York, the University can no longer afford to have the Department of Horticulture a mere attachment to the Department of Botany, as it has hitherto been. In all of the more prominent Agricultural Colleges in the country, if not in every one of them without exception, horticulture is taught as a practically distinct branch, and is under the direction of a professor who gives his whole time to the work in its theoretical and practical forms. We have now reached a period when we ought to have this very important subject taught in as thorough manner as other subjects are taught in the University. We should, moreover, provide for such work in practical experimentation as seems to be called for under the provisions of the Hatch Bill. A part of the work of the Professor should be that of instruction, and a part of it should be that of carrying on experiments and providing the results thereof for publication. We think, therefore, that the salary of a Professor of Horticulture should be paid one half by the University, from its present funds, and one half from the funds to be received from the general government. Should such an officer be paid exclusively from the Hatch fund, it is doubtful whether he could legally be called upon for the work of giving instruction.

The two officers just named are the only ones having more than subordinate positions that, in our opinion, it will be necessary to add to our present force. The other persons employed should have the rank of assistants of the first or second grade, and should be expected to do the work of conducting experiments under the superintendence and direction of the various professors in this department of the University.

In accordance with instructions embodied in a resolution of the Board of Trustees, we have considered the policy of establishing

"Fellowships or Cadetships," for one of the grades of these assistants. At first we were inclined to favor the establishment of one or both of these ranks. But on more careful reflection we fear that the words would be misleading. The word Fellow is ordinarily applied to one whose primary duties are those of a student rather than those of a teacher or helper. We incline to the belief that there will be the least liability of misunderstanding if we use the ordinary designation of first and second assistant. We believe that the University will be able to secure for the position equally good men and a more continuous and devoted service. Therefore, we recommend that the terms "Fellow" and "Cadet" be not adopted.

The portion of the \$15,000 appropriated by the Hatch Bill that should be set aside for material equipment and supplies has received our careful consideration. The bill itself permits the use of \$3,000 the first year, and \$750 thereafter, for the erection or enlargement of buildings. This, however, is not made obligatory, but simply fixes a limit beyond which we are not permitted to go.

After such consideration as we have been able to give the matter, we recommend that the following sums be reserved each year for material supplies :

Printing	\$1,500 00
Stationery, and Expenses of the Office of Director	500 00
Agricultural Supplies	400 00
Chemical Supplies	400 00
Horticultural Supplies	300 00
Botanical Supplies	200 00
Veterinary Supplies	100 00
Entomological Supplies	100 00
Contingent Expenses, including day labor	1,250 00
	<hr/>
Total for Annual Supplies	\$4,750 00

From the remaining portion (\$10,250) there must be appropriated as much as may be needed for putting the plant in good working order. This will necessarily have to come very largely from the appropriation received from the government the first year. After the plant is once in working condition a much smaller sum for material equipment will be needed. It seems to us impossible to determine absolutely in advance how the money may most profitably be distributed for use in the several departments, and therefore our recommendation is made with the full understanding that as time goes on, and experience brings new light, it will probably be found that some variation from the scheme presented will be deemed desirable. But we think it wise for the University to announce to the public the scheme towards which the station intends to work as fast as circumstances will permit. With this limitation in view, and with a full

understanding that no appointments can be made until the government appropriation is available, we recommend for the adoption of the Executive Committee, tentatively, the following scheme for the distribution of that portion of the fund not above provided for :

Salary of Director of the Station	\$3,000 00
One half salary of Professor of Horticulture	1,500 00
Salary of Assistant in Experimental Horticulture	500 00
Salary of Assistant in Experimental Agriculture	750 00
Salary of two Second Ass'ts in Experimental Agriculture,	1,000 00
Salary of Assistant in Chemical Analysis	750 00
Salary of Second Assistant in Chemical Analysis	500 00
Salary of Assistant in Veterinary Science	750 00
Salary of Assistant in Experimental Botany	750 00
Salary of Assistant in Experimental Entomology	750 00
	<hr/>
Total for Salaries	\$10,250 00
Total for equipment and supplies as given above	4,750 00
	<hr/>
Total for all purposes	\$15,000 00

From the amount above suggested for salaries must be deducted in such a way as the Trustees may ultimately think wise, whatever sums may be necessary to put and keep the station in good working order. Obviously, therefore, it will be impracticable to make all the appointments at the outset. While the council has given to this phase of the subject enough thought to show that it will not be necessary, or perhaps even desirable, to make all the appointments at the first, we do not deem it necessary at this time to make any recommendation as to which appointments should be temporarily postponed. If the general scheme here presented shall commend itself to the Trustees, the Council will not be unwilling hereafter to make such further recommendations as may suggest themselves as desirable.

Respectfully submitted,

C. K. ADAMS,
 W. A. WADSWORTH,
 A. D. WHITE,
 I. P. ROBERTS,
 G. C. CALDWELL,
 A. N. PRENTISS,
 J. H. COMSTOCK,

Agricultural Experiment Station Council.

This Report of the Council was adopted, Dec. 16, 1887.

C. K. ADAMS, *President*.

On motion, the above report was adopted.

The Committee appointed to report upon the location of the Civil Engineering and Architectural Building, reported that a majority of the Committee had voted in favor of locating same at south-west corner of the junction of the President's Ave. with East Ave. Moved and carried, that the report of the Committee be adopted.

Moved and carried, that an appropriation of \$100 be made to the Anatomical Department, for the purchase of a skeleton of an elephant, and for the expenses incidental to the obtaining and preserving of its brain.

The following was presented :

IN THE MATTER OF IMPROVING AND LIGHTING THE LIBRARY.

The Committee on Applied Science respectfully advise, that arrangements be made to supplement the water power used for running the dynamo furnishing light, by use of the engine, now in the dynamo room, and that the exhaust steam from the engine be used, if practicable, in the heating system.

GEO. R. WILLIAMS, Chairman.

December 8th, 1887.

(All voting and agreeing.)

On motion the above report was adopted.

Moved and carried, that the Committee appointed to report on the question of heating the University Buildings, from a central heating station, be requested to take into consideration and report upon the question of lighting the buildings upon the Campus with electricity.

Moved and carried, that Trustee Williams, Professor Morris, and Dr. Hitchcock, be appointed a committee, with power, to provide suitable fire protection at Cascadilla, and to arrange for the lighting of halls with gas.

Moved and carried, that the Junior Class be granted permission to use the Armory for their Class Ball, on the evening of Feb. 10th, subject to the usual conditions.

Moved and carried, that an appropriation of \$200 be made to cover the expenses of introducing one of the boilers taken from Sage College into the Armory boiler house.

Moved and carried, that the sum of \$437.50 be appropriated from the income of the Department of Mechanic Arts for the purchase of drafting tables and chairs for the Free-Hand Drawing Room.

Moved and carried, that the details connected with the collection of the rents of Gymnasium Lockers, and the custody of keys for same, be referred to the Treasurer and Dr. Hitchcock, with power.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 23d, 1887.

Present: Trustees, Sage, Boardman, Adams, Tyler, Van Cleef, Williams, Lord, and White.

The Committee appointed to report on the question of a Central Steam Heating Station, submitted plans, specifications and estimates, prepared by Dr. Bishop, of Lockport, N. Y., which, after considerable discussion, were, on motion, re-committed to the Committee, with instructions to procure the opinion of Mr. Emery, or some other expert, as to the desirability of the proposed system for the work required by Cornell University, and authority to visit such places as they may decide best, for the purpose of examining similar systems of steam heating.

Moved, that the vote taken at the last meeting of this Committee, locating the Engineering and Architectural Building, be reconsidered. Carried.

Moved and carried, that Professors Fuertes and Babcock be requested to submit a sketch for an Engineering and Architectural Building for the site south of the junction of Sibley and East Avenues.

Moved and carried, that the question of making the contractors for the Barnes building, a payment on account of the second payment, provided for in contract, was referred to the Finance Committee, with power.

Moved and carried, that the Treasurer be authorized to pay the bills for changes in power at Sibley Building, recommended in the report of the sub-committee, adopted at the last meeting of this Board.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Jan. 9th, 1888.

Present: Trustees, Adams, Williams, Tyler, Van Cleef, Lord, and Boardman.

On motion, Judge Boardman was called to the chair.

Minutes of last meeting, were, on motion, approved as printed.

The Finance Committee reported the following investments made since Aug. 1st, 1887, viz.:

BONDS.

Cowley Co., Ks.	Due 1897-1907,	6 pr.ct.	35,000 @	99
Newbury Tp., Wab. Co., Ks. "	1907,	6 "	22,000 "	93
Empire Tp., McP'n. Co. Ks. "	1907,	6 "	20,000 "	93
Kiowa Co. Ks.	"	1917,	6 "	40,000 "
Alma Tp., Wabaun. Co., Ks. "	1907,	6 "	20,000 "	92
Kidder Co., D. T.,	1902,	7 "	12,000 "	107. ²³
Lyon Tp. Dickinson Co., Ks.,	1907,	6 "	10,000 "	93
Foster Co., D. T.,	1896-1902,	7 "	18,000 "	106. ⁴⁴
Ness Co., Ks.,	1917,	6 "	50,000 "	98
Reno Co., Ks.,	1907,	6 "	50,000 "	101
Atch. Col. & Pac. R. R. (Gift of Mrs. A. S. Barnes,)	1905,	6 "	1,000	
Dickinson Co., Ks.	1917,	6 "	30,000 "	100
Madison Tp., Greenwood Co., Ks.,	1892,	7 "	12,000 "	100
Centre Tp., Pratt Co., Ks.,	1907,	6 "	28,000 "	92
City of Topeka, Ks.,	1891 to 1896,	6 "	30,000 "	101
Blue Springs Precinct, Gage Co., Neb, 1900,	8 "		10,000 "	7 basis
Cedar Precinct, Boone Co., Neb.,	1905,	7 "	6,000 "	100

\$394,000

MORTGAGES.

J. P. Wiser, Jarvis-Conklin Co., 1892,	6	pr. ct.	60,000	@	100
F. Mack, Stull Bros.,	6 1/2	"	2,500	"	100
J. Carlson,	6	"	1,800	"	100
J. M. Nickell,	6	"	1,000	"	100
F. Steepleton,	6	"	1,400	"	100
I. Beller,	6	"	1,800	"	100
W. H. H. Dabney, Burn., Tulleys & Co.	6	"	3,000	"	100
H. Tuttle,	6	"	3,500	"	100
T. Ellis, Stull Bros.	6	"	1,200	"	100
Adkin & Oshant, Burn. Trevett & Mat.	6	"	20,000	"	99
D. Baughman, " " "	6	"	8,500	"	100
L. W. Goode, Lewis Inv. Co.	7	"	3,500	"	99
J. Votaw,	6	"	6,000	"	99
J. R. Whitaker,	7	"	1,400	"	99
D. Jons,	7	"	2,200	"	99
I. W. Rice,	7	"	1,100	"	99
Brinker & Spaulding, Kan. L. & T. Co.	7	"	4,500	"	100
J. H. Stone,	7	"	10,000	"	100
S. J. Dunn,	7	"	2,400	"	100
Wm. E. Hutchinson, " " "	7	"	6,500	"	100
A. B. Gilchrist, " " "	7	"	4,400	"	100
John S. Nichols,	7	"	2,300	"	100

\$149,000

Contracted for but not delivered :

BONDS.

Bellville Tp., Republic Co., Ks.	6	pr. ct.	10,000	@	92
Scandia Tp., " "	6	"	24,000	@	92
Albion Tp., " "	6	"	10,000	@	92
Ottawa Co., Ks.	6	"	30,000	@	99
Clay Co., Ks.	6	"	25,000	@	94
Grant Tp., Dickinson Co., Ks.	6	"	8,000	@	90
City of Abilene, " "	6	"	13,000	@	90
City of McPherson, McPherson Co., Ks.	6	"	18,000	@	90
City of Caldwell, Sumner Co., Ks.	6	"	17,000	@	90

\$155,000

MORTGAGES.

W. Blaker, Kan. Loan and Trust Co.	7	pr. ct.	4,000	par.
J. M. Tryon, " " "	7	"	6,000	"

\$10,000

On motion the report was accepted, and the action of the Committee approved.

The Committee on Central Steam Heating Station presented a letter from Mr. Chas. E. Emery, strongly endorsing the Holly System for use at the University, and recommended that a contract be made with the Lockport company, substantially in accordance with their tender recently submitted.

On motion the report of the Committee was adopted.

On motion Judge Boardman was added to the Committee on Central Steam Heating Station.

Moved and carried that the Committee on Central Steam Heating Station be, and they are hereby authorized to execute a contract with the Lockport Steam Heating Company for putting in their system of heating at the University, upon such terms and conditions as may to them seem wise.

Moved and carried that the question of loaning Mr. Sweeting \$1,200 to \$1,500, taking his contract for the Barnes building as security, be referred to the Committee on Barnes Building, with power; and that, for the present purpose, in the absence of President White, the Treasurer be added to the Committee.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 6th, 1888.

Present: Trustees Sage, Boardman, Adams, Williams, and Van Cleef.

Minutes of last meeting, on motion, approved as printed.

Moved and carried that Judge Boardman and Mr. Tyler be appointed a Committee to draft a suitable expression of regret at the loss of Mr. Schuyler, for presentation at a future meeting of the Board.

Moved and carried that President Adams and Mr. Van Cleef be authorized to interview Mr. A. B. Wood, and make such arrangements with him as they may deem wise for making rough plans for the Engineering and Architectural building.

On motion the sum of \$150 was appropriated for the purchase of the Kansas Reports and Statutes for the use of the Finance Committee.

Moved and carried that the communication from Prof. Fuertes, in regard to a Weather Signal Station, with the accompanying papers, be referred to the Committee on Applied Science, with the request that they report, with recommendations, at some future meeting of this Committee.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 15th, 1888.

Present, Trustees Sage, Adams, Lord, Boardman, Williams, Van Cleef, and Tyler.

The following memorial and resolutions were adopted :

GEORGE W. SCHUYLER died February 1, 1888, at the ripe age of seventy-eight years.

During his long life he was recognized as an honorable, intelligent, public-spirited and generous citizen. In all public enterprises, whether local or general, he took an active and unselfish interest. Firm in what he believed right, zealous in all good works, philanthropic in words and deeds, of abundant and judicious charity, genial in manners, of a sunny and cheerful disposition, he was the friend of all, and beloved by all who knew him well.

He was the Treasurer of the State of New York in 1864 and 1865 ; Superintendent of the Bank Department, 1866, and to February, 1870 ; Member of Assembly, 1875 ; Auditor of the Canal Department from January 1, 1876, to May 20, 1880 ; for many years a Trustee of the public schools of Ithaca, and of the Ithaca Academy ; for twenty years a wise and valued Director of the First National Bank of Ithaca, besides holding many other positions of honor and trust. In every instance the duties imposed upon him were discharged with strict integrity and distinguished ability. Never has his official character been the subject of stain, or even suspicion of wrong.

But it is more especially as one of the Trustees of this University, that we are called to mourn the loss of a wise counsellor, a discreet friend, and a faithful co-worker. He was one of the charter members of the Board, and from that day until his death, except when failing health prevented, he has freely given to it his time, labor, and distinguished business ability. The success of Cornell is due, in no slight degree, to him ; therefore, be it

Resolved, That the Trustees of Cornell University recognize with sorrow the severe loss which the institution has suffered in his death, and remember with gratitude the many valuable services rendered by him, his courteous manners, his dignified deportment and pure character.

Resolved, That our sympathy be tendered to the afflicted family and relatives upon this severance of most tender relations, however inevitable and long deferred.

Resolved, That this memorial and these resolutions be entered upon the minutes of the Trustees, and an engrossed copy be sent to the family.

Resolved, That the Civil Engineering and Architectural Building be located about 150 feet south of the south-east corner of the Sibley Building. Carried.

Resolved, That Professor Babcock be invited to come before this Committee with the plans that he has prepared for the Civil Engineering and Architectural Building. Carried.

Resolved, That a committee of three, of which the President shall be chairman, be appointed to formulate a series of rules and regulations in regard to post-graduates and post-graduate studies, to be presented at the next meeting of the full Board. Carried. The Chair appointed Messrs. Boardman and Tyler.

Moved and carried, That the President be authorized, in his discretion, to employ Mr. F. H. Hodder to take the work in American History, during Professor Tyler's absence next year.

Resolved, That Mr. H. C. Elmer be, and he is hereby appointed Acting Assistant Professor of Latin for one year, at a salary of \$1,400. Carried.

Resolved, That a committee of three, of which the President shall be chairman, be appointed to consider and report upon the Commencement Week Exercises. Carried. The Chair appointed Messrs. Tyler and Van Cleef.

Moved and carried, that the sum of \$200, or so much thereof as may be necessary, be appropriated to pay the expenses of the delegates appointed by the Faculty to represent the University at the approaching celebration at Bologna.

Moved and carried, That an allowance of \$150 per annum, be made to the President of the University, to meet the expense of repairs on the President's house. Said allowance to date from August 1st, 1887.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 24th, 1888.

Present, Trustees Sage, Lord, Williams, Van Cleef, Tyler and Boardman.

On motion, the sum of \$150 was added to the appropriation for the Geological Department.

On motion, the sum of \$800 was added to the appropriation for the care of grounds.

On motion, the Zeta Psi Society was granted the use of the Armory for a ball, on Monday evening, June 18th, upon the usual terms.

A communication from the Class of '88 Memorial Committee, in regard to Athletic Grounds, was, on motion, referred to the Committee on Buildings and Grounds to report.

The application of Mr. A. W. Mack for the return of tuition fee for the present term was presented; on motion, the Treasurer was requested to ascertain the facts in the case, and report at the next meeting.

On motion, the precise location of the Engineering and Architectural Building upon the site selected at the last meeting of this Committee, was referred to the Committee on Buildings and Grounds with power, and said Committee was authorized to stake out the building.

Adjourned.

E. L. WILLIAMS, Secretary.

Please insert in Minutes Executive Committee, meeting February 24, 1888.

*MEMORANDUM AND RESOLUTION on the death
of Alfred S. Barnes.*

Alfred S. Barnes, at the ripe age of 71 years, was on the 17th of February, taken from our board by death. As one who was especially fitted, by a long life spent in furthering the interests of education, in fostering by his selection and publication of school books, the best moral and intellectual culture of youth; and, withal, one who with great liberality and Christian zeal sought the welfare of the needy, the ignorant, and even of the vicious, he leaves behind him a place not easily filled, and a name not soon to pass from the memory of those who knew him.

For ten years he has been an esteemed member of the Board of Trustees of the University, and when shortly before his death, he learned of the vigorous efforts of the students of the University to secure adequate accommodation for their Christian Association, his deep religious and charitable feelings at once grasped the opportunity and he directed plans to be made and an association building erected, for which purpose he pledged the generous sum of \$45,000.

Unhappily he did not live to see the fruition of his generosity.

In recognition of his faithful and valuable services as a trustee, of his Christian character and charity, and of his personal and social qualities this memorandum is made and ordered entered upon the minutes, and it is

Resolved, that his surviving associates in the Board of Trustees of the Cornell University have heard with deep regret of the death of Alfred S. Barnes, and tender to his family and friends their sympathies and condolence for a good husband, father, and friend, gone.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 3d, 1888.

Present, Trustees Adams, Boardman, Lord, Van Cleef, and Williams.

On motion, Judge Boardman was called to the chair.

The following was presented, and, on motion, adopted :

WHEREAS, the Board of Trustees, at their last meeting in October, expressed by resolution the purpose of appointing a Director of the Agricultural Experiment Station, in case the money appropriated by Congress to New York for an Experiment Station should be received by this University ; and,

WHEREAS, the money thus appropriated has been duly received ; and,

WHEREAS, the Board authorized the Executive Committee "to take all measures, which, in their judgment, may be necessary to put the Experiment Station immediately into the most efficient operation" ; and,

WHEREAS, in view of the advancing season of the year, it is desirable that there should be no longer delay in the appointment of a Director of the Station ; therefore,

Resolved, That Henry E. Alvord, C. E., Professor of Agriculture in the Massachusetts Agricultural College, be and hereby is appointed Director of the Agricultural Experiment Station in Cornell University, at a salary of three thousand dollars per annum ; the same to begin as soon as Professor Alvord shall enter upon his duties.

Resolved, That the salary of Professor Alvord, as Director, be paid from the Agricultural Experiment Station Fund.

Resolved, That the Treasurer be directed to apply to the representatives of A. S. Barnes, deceased, for instructions and directions as to

the further work and expenses of Barnes Hall, now under contract for construction and partly built. Carried.

On motion, George S. Potter, Esq., was appointed non-resident lecturer in the Law School, for the current year.

On motion, the Hon. Francis M. Finch, Hon. Daniel H. Chamberlain, Hon. Benj. F. Thurston, Geo. S. Potter, Esq., Albert H. Walker, Esq., and Marshall D. Ewell, Esq., were appointed non-resident lecturers in the Law School for the year 1888-9.

Moved and carried that the question of acceptance of plans and specifications for the Civil Engineering and Architectural Building, with the contract to be made for its erection, and the contract with Prof. Babcock as architect, be referred to the Committee on Buildings and Grounds, to report to this Committee.

A communication from Dr. E. Hitchcock, Jr., petitioning the Committee to erect a house upon the Campus, to be rented by him, and eventually purchased by him and paid for in installments, was, on motion, referred to Mr. Williams, Judge Boardman, and Mr. Van Cleef to report.

On motion, the Treasurer was authorized to make a loan to W. J. Young & Co., of Clinton, Iowa, to the amount of \$75,000, upon their note, with the stock of said company to the amount of \$150,000 as collateral.

On motion, the sum of \$600 was added to the Chemical appropriation for the current year.

A communication from Prof. Babcock in regard to the playing of foot-ball upon the ground north-east of his house was, on motion, referred to the Committee on Buildings and Grounds to report.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 5th, 1888.

Present, Trustees Adams, Boardman, Tyler, Lord, Williams and Van Cleef.

On motion, Judge Boardman was called to the chair.

WHEREAS, on the 23d of January last Professor Isaac Flagg communicated to President Adams by letter his purpose of tendering his resignation as Professor of Greek in order to enter upon another work in a distant part of the country, the same to take effect at the close of the present collegiate year; and

WHEREAS, such resignation has now been presented, as follows, viz.:

To the Honorable Board of Trustees of Cornell University:

GENTLEMEN:—I hereby tender the resignation of my professorship of the Greek Language and Literature, the same to take effect at the end of the present academic year, 1887-88.

Respectfully,

ISAAC FLAGG.

Therefore,

Resolved, That the resignation of Professor Flagg be, and hereby is accepted, to take effect at the end of the present collegiate year.

Resolved, That in the services of Professor Flagg to this University, extending over a period of nearly eighteen years, we recognize the faithful and devoted work of a superior scholar, and we wish to extend to him, not only the hearty good will of the Trustees, but also the hope that he will find in his new field of labor the happiness and prosperity which his character and scholarship so richly deserve.

Resolved, That the Treasurer be and hereby is authorized in behalf of the University, to purchase the house now occupied by Professor Flagg, at a sum not exceeding (\$7,000) seven thousand dollars. Carried.

Resolved, That the Chair of Greek, of which Professor Flagg has tendered his resignation, and the Chair of Comparative Philology now held by Professor Wheeler, be and are hereby consolidated into a Chair of Greek and Comparative Philology.

Resolved, That the title of Benj. I. Wheeler, Ph. D., be changed from that of Professor of Comparative Philology and Instructor of Greek and Latin, to that of Professor of Greek and Comparative Philology.

Resolved, That the above resolutions take effect at the close of the present collegiate year, and that the salary of Professor Wheeler in the consolidated professorship be four thousand dollars per annum. Carried.

Resolved, That the Committee on Buildings and Grounds be, and they are hereby authorized to make a contract with Prof. Babcock, as architect of the Engineering and Architectural Building, in accordance with agreement already entered into, and also to execute contracts for the erection of the building substantially in accordance with plans submitted. Carried.

The Committee appointed to consider the proposition of Dr. Hitchcock in regard to the erection of a house upon the Campus, reported adversely ; and recommended that his application for a lot be denied. On motion, the report of the Committee was accepted, and the Committee discharged.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 14th, 1888.

Present, Trustees Sage, Adams, Boardman, Tyler, Lord, Williams and Van Cleef.

On motion, minutes of meetings from Feb. 6th to April 5th, inclusive, were approved as printed.

A communication from Messrs. Richards & Co., of New York City in regard to a collection of minerals was, on motion, referred to the Committee on Departments of Natural History to report.

Resolved, That Professor Babcock be requested to examine the water closets in the basements of White and Morrill Halls and recommend any changes he may deem necessary to put them into a wholesome and sanitary condition. Carried.

On motion, the sum of \$20, or so much thereof as may be necessary, was appropriated to secure the services of the Glee Club at the "'86 Memorial Prize Speaking."

WHEREAS, We deem it of great importance that the Chair of Political Economy and Finance be filled at the earliest date consistent with the proper care in making the appointment; and

WHEREAS, A careful consideration of the various available economists of the country has at length enabled us to make a recommendation to the Board of Trustees; therefore

Resolved, That we recommend the appointment to the Chair of Political Economy and Finance, Professor E. B. Andrews, LL. D., at present Professor of History and Political Economy in Brown

University, and that the salary of the same be fixed at four thousand dollars a year, the term of service to begin at the commencement of the next collegiate year. Carried.

WHEREAS, Professor E. B. Andrews has had continuous service in Brown University as Professor of History and Political Economy during five years ; and

WHEREAS, Professor Andrews is desirous of further observation and study in Europe ; therefore

Resolved, That in case Professor Andrews shall accept the Chair of Political Economy and Finance in this University, he be allowed, after two years' service, the leave of absence to which he would be entitled in case his seven years of service had been continuous in this University. Carried.

A communication from Prof. Henry E. Alvord, declining the Directorship of the Cornell University Experiment Station, to which he was recently elected, was presented.

Resolved, That Professor I. P. Roberts be and hereby is appointed Director of the Agricultural Experiment Station of Cornell University. Carried.

Resolved, That in consideration of the additional duties assigned to Professor Roberts and of the fact that the Experiment Station will require his services during the most of the long vacation as well as during term time, his salary as Professor of Agriculture and Director of the Experiment Station be fixed at thirty-five hundred dollars a year. Carried.

Resolved, That the salary of Professor Roberts as Professor and Director be paid, two thousand dollars from the funds of the University and fifteen hundred dollars from the Agricultural Experiment Station fund. Carried.

Resolved, That the President and the Director of the Agricultural Experiment Station be requested to recommend to the Executive Committee a suitable person for appointment as Assistant Director and Secretary of the Agricultural Experiment Station at a salary not to exceed two thousand dollars a year. Carried.

WHEREAS, The Board of Trustees at the October meeting authorized and directed the Executive Committee to make all necessary provisions for the carrying of the Agricultural Experiment Station into immediate operation, in case the money from the Congressional grant should be received. And

WHEREAS, The money from said grant has been received, and

WHEREAS, We deem it highly desirable that the Professorship of Practical and Experimental Horticulture should be filled without delay ; therefore

Resolved, That L. H. Bailey, Jr., B. S., Professor of Horticulture and Landscape Gardening in the Michigan Agricultural College, be and hereby is appointed Professor of Practical and Experimental Horticulture in Cornell University at a salary of three thousand dollars a year, one thousand dollars of the same to be paid from the funds of the University and two thousand dollars from the Experiment Station fund. Carried.

Resolved, That the continuance of Professor Bailey's salary shall not rest on the contingency of continued appropriations by Congress. Carried.

Resolved, That the Director of the Agricultural Experiment Station be requested to examine and report to the Executive Committee as to what provisions in the way of buildings it will be desirable to make for the accommodation of the Station, and as to how far such provisions can be made before the first of July next. Carried.

A communication from Professors Hale and Wheeler in regard to the work in the Classical Department was, on motion, referred to the Committee on Ancient and Modern Languages.

Resolved, That Emmons L. Williams, Treasurer of Cornell University, be and is hereby authorized and directed to apply, in the name of said University, to the Commissioner of the General Land Office of the U. S. for a re-issue of fourteen pieces of Agr. Coll. Land Scrip, Nos. 2378, 2381, 2382, 2383, 2388, 3792, 3794 and 3594 to 3600 inclusive, belonging to said Cornell University and which, it is believed, have been lost or destroyed. Carried.

Moved and carried, that Dr. Caldwell be authorized to employ student labor to the extent of two hours per day during the Spring term, for sweeping in the Chemical Laboratories, to enable the present janitor to dispense apparatus and prepare reagents.

On motion, Prof. Morris was authorized to have a chart showing the lines of steam, water, gas and sewer pipes on the University grounds prepared, at an expense not exceeding \$15.

On motion, the sum of \$140, or so much thereof as may be necessary, was added to the Meteorological appropriation.

The question of the use of the Botanical Lecture Room, gas, etc., by the Christian Association, and other student organizations was, on motion, referred to the Committee on Buildings and Grounds with power.

Communications from Professors Caldwell, Oliver, and Crane, asking permission to connect their houses with the University system of Steam Heating, now being put in, was, on motion, referred to the Committee on Buildings and Grounds.

On motion, the question of renewing the Armory floor was referred to the Committee on Buildings and Grounds.

Moved and carried, that \$2,000 of the surplus income of the Sage Fund be appropriated towards meeting the extra expense of putting in new boilers, and furnishing fourth floor of Sage College.

On motion, the Treasurer was authorized to pay the salary of Instructor P. D. Brun, during his absence on leave last term.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 26th, 1888.

Present, Trustees Sage, Lord, Williams, and Van Cleef.

A quorum not being present the meeting was adjourned until Friday, the 27th inst., at Mr. Sage's house, at 7:30 p. m.

FRIDAY EVENING, April 27, 1888.

Present, Trustees Sage, Lord, Tyler, Williams, Van Cleef, Adams, Boardman, and White.

On motion, minutes of last meeting were approved as printed.

A communication from Professors Prentiss, Wilder, Constock, and Gage was, on motion, referred to the Committee on Departments of Natural History.

A communication from Prof. Fuertes in regard to the Civil Engineering Department was, on motion, referred to the Committee on Departments of Applied Science.

A communication from Prof. Babcock, informing the Committee that quicksand had been struck at the north end of the foundation for the Engineering and Architectural Building, and asking for instructions in regard to changing location of the building, was presented. On motion, the Committee on Buildings and Grounds was authorized and instructed to take the necessary measures for procuring a suitable foundation under said building as at present located.

The Committee on Ancient and Modern Languages recommended that there be appointed an Assistant Professor in the Department of Latin, and also one in the Department of Greek. On motion, the report was accepted and adopted.

Resolved, That H. H. Wing be and is hereby appointed Deputy Director and Secretary of the Agricultural Experiment Station, at a salary of \$2,000 per annum, to be paid from the funds appropriated by Congress to the Agricultural Experiment Station.

Moved and carried, that Prof. Roberts be invited to report the action of the Experiment Station Council in regard to the organization of the Station. Prof. Roberts thereupon presented the following :

GENTLEMEN :—

I have the honor to inform you that at a meeting of the Council of the Agricultural Experiment Station, held in the Faculty Room, the 24th of April, 1888, the following were adopted :

Resolved, That Professor H. H. Wing be recommended as Deputy Director, at a salary of two thousand dollars (\$2,000.00.)

Resolved, That an appropriation of two thousand five hundred dollars (\$2,500.00) be recommended for the building of a Laboratory of Experimental Entomology.

Resolved, That it be recommended that the appropriation of fifteen thousand dollars, for the present fiscal year, be divided as follows :

Salary of the Director,	\$ 337 50
Horticultural labor,	83 33
Salary of the Director's Assistant,	125 00
Salary of Assistant in Chemistry,	125 00
Salary of Assistant in Entomology,	125 00
Laboratory of Experimental Entomology,	2 500 00
Repairs of barn, etc.,	500 00
Agricultural supplies,	1 300 00
Chemical supplies,	1 300 00
Botanical supplies,	2 500 00
Horticultural supplies,	3 000 00
Entomological supplies,	1 400 00
Chemical books,	200 00
Total,	<u>\$13 495 83</u>

On motion, *Resolved*, That the recommendations of the Agricultural Experiment Station Council be approved, and the several sums recommended appropriated, payments on account of same to be made upon the order of the Director of the Station.

Resolved, That the Director of the Agricultural Experiment Station be authorized to contract for the erection of a building for a laboratory of Experimental Entomology, at an expense not exceeding \$2,500.

Resolved, That Mr. J. M. Stedman be and hereby is appointed Assistant in Entomology in the Agricultural Experiment Station, at a salary of \$750 per annum, to be paid from the funds appropriated by Congress to the Agricultural Experiment Station. Carried.

Resolved, That Mr. J. M. Drew be and is hereby appointed Assistant to the Director of the Agricultural Experiment Station, at a salary of \$750 per annum, to be paid from the funds appropriated by Congress to the Agricultural Experiment Station. Carried.

Resolved, That Judge Boardman be appointed a Committee to confer with the authorities of the Treasury at Washington, and, if possible, to provide for the regular payment to this University of the proceeds of the Hatch bill.

Moved and carried that the request of Lieut. Van Ness for the use of the Armory for a military hop be granted.

The formal acceptance of Prof. Roberts of the position of Director of the Agricultural Experiment Station was presented and ordered on file.

The application of Prof. B. G. Smith for an appropriation of \$90 for furnishing room 23, was, on motion, referred to the Chairman and Treasurer, with power, to expend not exceeding \$90.

On motion, the rent for the coming year of the cottage recently purchased of Prof. Flagg, was fixed at \$500, and the Treasurer was authorized to rent the same.

Application of Dr. Hitchcock for a building lot upon the Campus was, on motion, laid on the table.

Moved and carried that \$40,000, or so much thereof as may be necessary, be appropriated for the expenses of the new steam heating plant, and that Prof. J. L. Morris be put in charge of said work, with authority to audit all bills on account of same for payment.

A communication from Professors Caldwell and Newbury in regard to a summer school of Chemistry was, on motion, referred to the Committee on Departments of Applied Science, with instructions to report recommendations at the next meeting of this Committee.

On motion, the Treasurer was authorized to accept payment of the Hiram Sibley mortgage of \$75,000, and to discharge the same upon receipt of full payment.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 25, 1888.

Present, Trustees Sage, Adams, Boardman, Tyler, Williams, Van Cleef and Lord.

Minutes of last meeting were, on motion, approved as printed.

Resolved, That whereas Mrs. A. M. Derkheim declines a reëlection to the position she has occupied for the past four years, as Lady Principal of Sage College, we desire to express our entire satisfaction with the ability, zeal and good judgment which have characterized the performance of her duties. Carried.

The resignation of Professor H. S. Williams, as Dean of the Faculty was, on motion, accepted, to take effect at the end of the present collegiate year.

On motion, Professor Horatio S. White was appointed Dean of the Faculty, to take effect at the beginning of the next collegiate year.

Resolved, That Professor George P. Bristol, A. M., of Hamilton College, be and is hereby appointed Assistant Professor of Greek in this University for three years from the end of the present year, at a salary of eighteen hundred dollars a year. Carried.

Resolved, That Mr. Wm. P. Cutter be and hereby is appointed Assistant Chemist in the Agricultural Experiment Station, at a salary of \$750 per annum, to be paid from the funds appropriated by Congress to the Agricultural Experiment Station. Carried.

Resolved, That Mr. William M. Munson be and is hereby appointed Assistant in Horticulture in the Agricultural Experiment Station, at a salary of \$750 per annum, to be paid from the funds appropriated by Congress to the Agricultural Experiment Station. Carried.

A letter from President Adams to the Secretary of the Navy, requesting the appointment of Past Assistant Engineer Canaga in the place of Assistant Engineer F. H. Bailey, whose term of detail at this University has expired, was, on motion, approved.

The following was presented :

Resolved, That Eugene W. Manning, of Baltimore, Md., be and hereby is appointed Instructor of French for one year from the end of the present university year, at a salary of \$1,000. On motion, laid on the table.

Resolved, That Mr. J. F. Kemp, A. M., E. M., be and hereby is appointed Assistant Professor of Geology and Mineralogy for the term of three years from the end of the present collegiate year, at a salary of \$1,400 per annum. Carried.

Resolved, That Professor L. H. Bailey be granted leave of absence from the University until January 1, 1889, for the purpose of study and observation in Europe, the same being without reduction of salary and in accordance with the understanding agreed upon at the time of his election as Professor of Horticulture. Carried.

On motion, President Adams was authorized to join with other educational institutions in extending an invitation to the International Congress of Geologists to hold one of their annual sessions in this country.

On motion, The questions of appointing an additional Instructor of German ; of setting apart Room 6, Morrill Hall, as a Seminary room for the German Department ; and of appropriating \$500 for additional equipment of the German Department, were referred to President Adams to report.

The Committee to whom was referred the question of purchasing a collection of minerals offered by Messrs. Richards & Co., of New York, reported that they deemed it unadvisable to appropriate University funds for that purpose at present. On motion, the report was accepted and adopted.

The Committee to whom was referred the question of subscribing for an investigator's table in the proposed Marine Biological Laboratory soon to be established, reported in favor of postponing action for one year. On motion, the report was accepted and adopted.

The Committee to whom was referred the question of establishing a Summer School in Chemistry at Cornell University, reported adversely. On motion, the report was accepted and adopted.

On motion, \$2,000, or so much thereof as may be necessary, was appropriated for rebuilding the brick stack at the Sibley Building.

On motion, The proposition of the Class of '88 to pay \$600 towards the grading of an Athletic Ground, the University to complete such grading, at an expense not exceeding \$1,100, was, on motion, declined.

Resolved, That the University tender to the Athletic Council any ground upon the University Farm, not needed for University purposes, for an Athletic Ground, said Athletic Council to provide for the entire expense of grading and fitting up such ground, and to have the control of the same. Carried.

On motion, \$60,000, or so much thereof as may be necessary, was appropriated for the erection of the Engineering and Architectural Building.

On motion, The appointment by the Building Committee of Mr. H. I. Smith, as Superintendent of construction on the Engineering and Architectural Building, at \$4.00 per day, was ratified and confirmed.

On motion, The sum of \$150 was appropriated for the expense of music at Commencement and the Woodford exercises.

On motion, A leave of absence extending from May 24th to the end of the present term, was granted to Professor T. F. Crane, to enable him to represent Cornell University as a delegate at the approaching celebration at Bologna.

On motion, The Senior Ball Committee were granted the use of the Armory for the evening of June 19th next, upon the usual terms and conditions.

On motion, The Treasurer was authorized to arrange with Mr. A. H. Love for the examination of certain University securities in Kansas and Nebraska, at an expense not exceeding \$5.00 per day, and necessary travelling expenses.

A communication from Director Thurston asking the appointment of an Assistant Professor of Electricity and Electrical Construction was, on motion, referred to the Committee of Applied Science to report.

Adjourned,

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 5, 1888.

Present, Trustees Sage, Boardman, Williams, Adams and Lord.

On motion, Minutes of last meeting were approved as printed.

The bond of E. L. Williams, Treasurer, for \$25,000, to take the place of bond of same amount given as Acting Treasurer, was, on motion, approved.

The following resolution was taken from the table and adopted, viz :—

Resolved, That Eugene W. Manning, of Baltimore, Md., be and hereby is appointed Instructor of French for one year from the end of the present University year, at a salary of \$1,000.

Resolved, That the following named persons be and are hereby appointed instructors in the several departments, and at the salaries named, for the year 1888-9, namely :

George Lincoln Burr, A.B., Mediaeval and Modern History,	\$1,000
James McMahan, A.B., Mathematics,	1,000
Frank Howard Morgan, B.S., Quantitative Analytical Chemistry	1,000
Frank Hayward Hodder, Ph.M., American History,	1,000
James Owen Griffin, German,	1,000
Arthur Stafford Hathaway, B.S., Mathematics,	1,000
Charles Bundy Wilson, A.M., German,	1,000
Courtney Langdon, Romance Languages,	1,000
Edward Everett Hale, Jr., A.B., English,	1,000
Orrin Leslie Elliott, Ph.B., English,	1,000
Eugene Henry Preswick, B.S., Quantitative Analytical Chem.	1,000
Charles Benjamin Wing, C.E., Civil Engineering,	1,000
William Ridgely Orndorff, A.B., Ph.D., General and Organic Chemistry,	1,000
Charles Augustus Strong, A.B., Philosophy and Logic, (two terms),	666.66
Louis Monroe Dennis, Ph.B., B.S., Chemistry,	1,000
Ludlow Eliakim Lapham, A.B., French,	1,000
Duane Studley, B.S., Mathematics,	1,000
George Egbert Fisher, A.B., Mathematics,	1,000
Julius Howard Pratt, Jr., A.B., Ph.D., Physics,	1,000
Richard Francis Nelligan, Gymnastics,	1,000
Herman Klock Vedder, C.E., Civil Engineering,	1,000

Theodore Henckels, B.S., German,	1,000
William A. Viall, Practical Pharmacy,	1,000
Edwin Hamlin Woodruff, English,	750
James Wheat Granger, Forging,	750
William Henry Wood, Woodworking,	750
James Elijah Vanderhoef, Moulding,	750
Fred Clarkson Fowler, Mechanician and Instructor in Physics,	750
George Pollay, Instructor in Wood Shop,	600
Harry Ezra Smith, M. E., Instructor in Machine Shop,	600
Frank Hovey Noyes, Freehand Drawing,	600
Arthur Hastings Grant, Ph. B., Registrar and Secretary, . . .	1,000
Herman Atkins McNeil, Industrial Art,	1,000
Rufus Anderson, M. E., Mechanical Engineering and Foreman of Machine Shop,	1,200

Carried.

Resolved, That the Executive Committee approve of the recommendations of Professor Nichols in regard to the appointment of an additional instructor in Physics, and authorize the Professor to nominate a suitable candidate for appointment to such a position. Carried.

The report of Professor Babcock in regard to water-closets and urinals in Morrill Hall and White Hall, was, on motion, referred to the Chairman of the Board and the Treasurer.

On motion, Judge Boardman was requested to report to the Board of Trustees in June, upon the question of defining the Alumni of Cornell University.

On motion, The Salary of the Dean of the University was fixed at \$400 per annum.

Moved and carried; That the tuition of Mr. H. E. Baright be remitted during the next University year.

Resolved, That Dr. E. Hitchcock, Jr., be assigned a lot upon the southwest corner of East and South Avenues, being 100 feet on South Avenue, by 150 feet on East Avenue, for the purpose of building a house upon the usual form of lease, except as to the maximum amount at which the improvements may be appraised to the University, which said amount, in this case, shall not exceed \$4,000.

The Committee on Applied Science reported in favor of the selection and appointment of a skilled Assistant in Electrical Engineering, with the rank of Associate Professor ; salary not to exceed \$2,500, (as stated in application of Dr. Thurston, Director of Sibley College, under date of May 10, 1888.) On motion, the above report was accepted and adopted.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 18, 1888.

Present, Trustees Sage, Boardman, White, Williams, Lord and Adams.

The minutes of last meeting were, on motion, approved as printed.

Resolved, That the following appointments of Instructors be, and are, hereby made; the same to take effect at the beginning of the next collegiate year, viz.:

A. C. White, Ph. D., to be Instructor in Latin.	Salary	\$1,000
H. S. Gutsell, to be Instructor in Industrial Art.	Salary	\$1,000
F. H. Noyes, to be Instructor in Industrial Art.	Salary	\$ 750
Harris J. Ryan, to be Instructor in Physics.	Salary	\$1,000
Carried.		

Resolved, That Vernon F. Marsters, A. B., be and is hereby appointed Assistant to the Professor of Geology for one year from the beginning of the next collegiate year, at a salary of \$400.

Resolved, First, That the Treasurer be authorized to contract with Andrus & Church for the publication of an edition of one thousand copies of the Ten-Year Book; six hundred copies to be published in paper covers, and four hundred in cloth, at a price of thirty-five cents per copy for paper, and sixty cents per copy bound in cloth.

Second, That an arrangement be authorized for the sale of the Ten-Year Book by Andrus & Church, at a price of one dollar and twenty-five cents per copy bound in cloth, and one dollar per copy bound in paper; the publishers to have a commission of twenty per cent. of the retail price on all sales, the same being a full consideration for handling the work and paying the postage on all copies sent by mail. Carried.

Resolved, That the Treasurer be and is hereby authorized to have such changes made in the Laboratory of Physics and Chemistry as may be necessary to adapt the use of the room heretofore used for the Mineralogical Cabinet to the uses of the Department of Physics; the same to be done in accordance with plans to be approved by the Chairman of the Board, and Professors Caldwell, Nichols and Babcock. Carried.

Resolved, That Mr. G. A. Ruyter, Fellow-elect in Modern Languages for the year 1888-9, be permitted to spend the year in study abroad under the direction of the departments of French and German, in accordance with the resolution of the Faculty, passed June 15th, 1888. Carried.

Resolved, That the following named persons, whose engagements for instruction will expire at the end of the present collegiate year, be and are hereby appointed to the positions, and at the salaries severally indicated, for three years from the beginning of the next collegiate year, viz.:

Charles Lee Crandall, C. E., Assistant Professor of Civil Engineering, in charge of Railroad Engineering and Geodesy	\$1,800
Irving Porter Church, C. E., Assistant Professor of Civil Engineering, in charge of Applied Mechanics	\$1,800
George William Jones, A. M., Assistant Professor of Mathematics	\$1,800
Simon Henry Gage, B. S., Assistant Professor of Physiology, and Lecturer on Microscopical Technology	\$1,800
Charles Francis Osborne, Assistant Professor of Architecture	\$1,800
George Sylvanus Moler, A. B., B. M. E., Assistant Professor of Physics	\$1,600
Carried.	

On motion, *Resolved*, That the report of the Special Committee on Library Plans be approved, and that we recommend the adoption of same by the Board of Trustees.

Moved and carried, That \$2,000 be appropriated for the payment of Professor Babcock and Wm. H. Miller for Library plans.

Moved and carried, That \$60 be appropriated for the payment of the "Mrs. A. S. Barnes Prize."

The matter of the bridge across Cascadilla Creek, near Dwyer's Mill was, on motion, referred to the Chairman and Treasurer.

The plan submitted by Dr. E. Hitchcock, Jr., for the cottage he proposes to build upon the lot recently assigned him was, on motion, approved.

Resolved, That the Treasurer be authorized to loan Dr. Hitchcock \$3,000 upon the cottage which he is about to build upon the Campus.

Moved and carried, That the Treasurer be authorized to fix the boundaries of Dr. Hitchcock's lot substantially in accordance with the rule adopted in regard to Professors' lots on East Ave.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., JUNE 20, 1888.

Present, Trustees Sage, Cornell, Jones, Draper, White, Adams, Williams, VanCleaf, Boardman, Lord, Tyler and Jordan.

The minutes of the October 1887 meeting were, on motion, approved as printed.

The minutes of the Executive Committee to date were, on motion, approved as printed.

President Adams presented his Annual Report, which was, on motion, accepted and adopted.

The following was presented :

Whereas, The honored Founder of this University, Ezra Cornell, did, after full consideration of the whole subject, decide in favor of using stone in the construction of the University buildings upon the upper quadrangle or square, and

Whereas, The three buildings on the said quadrangle, erected during Mr. Cornell's lifetime, were of stone, and

Whereas, John McGraw, Esq., and the Hon. Hiram Sibley, in erecting the buildings which bear their names, and the University, in erecting its Laboratory, conformed to this idea as regards all parts of those buildings fronting upon said square or quadrangle ; therefore

Resolved, That it is inexpedient to depart from this policy thus far pursued, in the erection of the remaining buildings facing upon the upper quadrangle or square ; and that in the opinion of this Board, while brick may be wisely used in other parts of the Grounds, stone should be used in this, as originally intended and planned.

Resolved, That to carry out this policy in the case of the Civil Engineering building, now in process of erection, the sum of seven thousand dollars be, and is hereby appropriated in addition to the sixty thousand dollars already appropriated for the erection of said building,

Provided, That the change from brick to such stone as shall be selected can be made at an expense not exceeding the amount hereby appropriated. Carried.

Resolved, That the Departments of Agriculture, Agricultural Chemistry, Veterinary Science, Entomology, Botany, and Horticulture, be and are hereby united into an organization to be known as the College of Agriculture.

Resolved, That Professor Roberts be and hereby is appointed Dean of the College of Agriculture without addition to his present salary. Carried.

Resolved, That E. Benjamin Andrews, LL. D., be and hereby is appointed Professor of Political Economy and Finance at a salary of \$4,000, to take effect at the beginning of the next collegiate year, the same being in accordance with the unanimous recommendation of the Executive Committee.

Moved and carried, that the Board proceed to ballot upon the above resolution. Upon ballot duly had the above resolution was declared adopted by a vote of eight ayes to two blanks.

Resolved, That Edward Hitchcock, Jr., A. M., M. D., be and hereby is appointed Professor of Physical Culture, and Director of the Gymnasium, at the salary of \$2,500 per annum.

Moved and carried, That the Board proceed to ballot upon the above resolution. Upon ballot duly had, the resolution was declared adopted by a vote of eight ayes to one nay, and one blank.

Resolved, That Edwin Chase Cleaves, B. S., Associate Professor of Freehand Drawing and Mechanical Drawing, be and hereby is continued in his present position and at his present salary for one year from the expiration of his present appointment. Carried.

REPORT OF THE COMMITTEE ON THE UNIVERSITY LIBRARY.

To the Board of Trustees of Cornell University,

GENTLEMEN :

The Committee appointed one year ago to consider and report upon plans for a University Library Building beg leave to make the following Report :

In the course of the year, the Committee, acting under the authority of the Executive Committee, and in accordance with the resolution of one year ago, have had under consideration plans furnished by three different architects ; Messrs. Van Brunt and Howe of Boston ; Professor Babcock, and Mr. W. H. Miller, of Ithaca.

Each set of plans submitted offers features of especial excellence.

The plans of Van Brunt and Howe furnish all needed accommodations in the way of Stack Room, Reading Room, White Library Room, Seminary Rooms, Periodical Rooms, and Lecture Rooms. In the treatment of the exterior these architects, in the judgment of the Committee, have been more successful than either of the others. The connection of the book stack with the main building, however, is such as necessarily to remove a large part of the books to a considerable distance from the delivery desk. This arrangement seems to the Committee not altogether fortunate as it will perpetually involve some

delay in the delivery of books, and some additional expense in the matter of administration.

The plans presented by Professor Babcock are compact in form, and for the most part, convenient in arrangement. They furnish all of the rooms that were called for by the memorandum furnished by the Committee, and they have the further advantage of calling for less expense in the matter of construction than either of the others. But they seem to be open to certain objections of another kind. The rooms for bibliographical purposes seem to us inadequate to the future wants of the Library. The spaces between the tiers in the stack are narrower than we think they should be ; and the passage ways are both too narrow and too few in number. The stack, moreover, affords no accommodation whatever for tables, either for special investigators or for the accommodation of library assistants. The Reading Room is much smaller than in the other plans. Allowing to each reader the room which seems to the Committee desirable, and giving the passage ways sufficient width to prevent crowding, it will hardly afford accommodations for more than about one hundred and sixty readers. The exterior of the stack is so plain that we fear it would present an unattractive appearance from the southern and western approaches to the building.

The plans furnished by Mr. Miller seem to the Committee to offer some advantages over either of the others. The accommodations for administration are ample ; the Reading Room is large and fortunately situated ; the White Library is commodiously provided for ; and the accommodations for seminary purposes are abundant. But perhaps the most striking feature of the plan is the arrangement for the storing of the books. Two stacks are provided for, instead of one. These are so arranged as to bring the books called for within the shortest practicable distance of the delivery desk. The arrangement of stairways makes the book stacks on either side easily accessible from the White Library and the Seminary rooms. Larger accommodations are afforded in the basement, moreover, than in either of the other plans. There are two features of this plan that seem to the Committee less fortunate than the same features in the plans of Van Brunt and Howe. The periodical Room is not so fortunately situated ; and from its separation by the entrance hall from the administration of the Library, will perhaps require the constant oversight of a special attendant. The further removal of the Card Catalogue from the cataloguers is a less advantageous arrangement than is provided for in one of the other plans. But these disadvantages seem to the Committee more than counterbalanced by the superior arrangement of the book stacks, providing as they do at once for easy extension in the future, and for

bringing the largest number of books practicable within a short distance from the delivery desk of the Reading Room.

Your Committee, therefore, are of the opinion that the plans presented by Mr. Miller, with such trifling modifications as further study may suggest, should be adopted by the Board of Trustees. In order that the work of construction of the Library may be pushed forward without unnecessary delay, the Committee recommend the adoption of the following resolutions :

Resolved, First : That the plans furnished by Mr. William H. Miller for a library building be, and are, hereby adopted by the Board of Trustees, subject to such modifications as the properly authorized committee may require of the architect.

Second : That the Executive Committee be, and are, hereby authorized to commission Mr. Miller as the architect of the building and authorize him to take all necessary preliminary measures with a view to contracting for the erection and completion of the structure without unnecessary delay.

Third : That the Board authorize the Executive Committee to contract for the erection of the building in substantial accordance with the plans presented.

Fourth : That the Executive Committee be, and are, hereby authorized to cause the work of construction to be begun as soon as the proper contracts can be made, with a view to advancing the foundations as far as possible during the present season ; and, if practicable, the completion of the walls and roof of the structure before the winter of 1889-90.

Fifth : That the Financial Committee of the University be, and are hereby authorized to make such provision for the payment of contractors of said Library Building as may seem, in their judgment, to be wise ; such arrangement, however, to be subject to the approval of the Executive Committee.

All of which is respectfully submitted,

C. K. ADAMS, }
H. W. SAGE, } Committee.
H. B. LORD, }

On motion the above report together with the recommendations contained therein, were accepted and adopted.

Resolved, That the salary of Prof. J. E. Oliver be, and is hereby increased to \$3,000 per annum.

Moved and carried, That the Board proceed to the election of a Trustee in place of the Hon. George W. Schuyler, deceased. Upon

ballot duly had, William H. Sage, Esq., of Ithaca, N. Y., received nine votes, and was declared elected Trustee of Cornell University for a term of five years.

Moved and carried, That the election of a Trustee to succeed Hon. A. S. Barnes, deceased, be postponed until the October meeting of this Board.

The list of degrees recommended by the general Faculty and the Faculty of the School of Law, to be conferred at the 20th Annual Commencement, to-morrow the 21st inst., was, on motion, approved.

The following was presented :

ITHACA, N. Y., June 19th, 1888.

To the Trustees of Cornell University,

GENTLEMEN :

I have the honor to transmit herewith a report to your board in the case of Dr. L. L. Seaman, which was adopted by the Faculty at its meeting June 15, 1888.

Very respectfully,

C. H. THURBER, Secretary.

At the meeting of the Faculty, September 18th, 1885, a communication was received from your honorable Board requesting this Faculty to investigate the record of Dr. L. L. Seaman while in the University, and if found satisfactory, to provide for special examinations to test his qualifications for graduation—the degree that he sought being that of Master of Science.

The matter was referred to a committee to examine the records, and on the report of that committee was carefully considered in the Faculty at its next regular meeting, and it was voted that the petition of Dr. Seaman for the degree in question be not granted, and that the President be requested to communicate this decision of the Faculty to the petitioner.

At your request, made early in the present collegiate year, the case has been again carefully examined. It was found, as before, that Dr. Seaman spent at the most but *five* full terms at this University.

On the other hand no graduate has ever yet received his degree here until after he has accomplished, satisfactorily, the work of *twelve* terms. It is true that here, as at other colleges, in every year students are admitted to a more or less advanced standing; but in all cases they are required to show, either by special examinations or otherwise, that they have accomplished in a satisfactory manner all the work, or its full equivalent, in kind and quantity, required of our own students up to the point in our courses when such students from other colleges are allowed to enter in full standing.

Dr. Seaman asks for the degree of Master of Science, now, or, if that cannot be granted, for the Bachelor's degree in Philosophy.

Our rules, as given in the Register, specify the following requirements for the degree first mentioned :

1. That the candidate must have taken the corresponding Bachelor's degree, or the degree of Bachelor of Philosophy, here, or at some other college or university where the requirements are at least equal to our own for either of these first degrees ; and

2. He must spend at least one year at this University, after graduation, in the pursuit of an accepted course of study.

Dr. Seaman has never taken the Bachelor's degree, either here or elsewhere ; and he states that it would be impossible for him to spend a year of study here. Therefore, as both of the requisites above mentioned must remain unsatisfied in his case, it is evident that the Master's degree could be conferred upon him only as an honorary degree.

As for the Bachelor's degree in Philosophy, Dr. Seaman has not fulfilled the requirements which every graduate has fulfilled who has taken that degree here. He has not pursued here, under the direction of the Faculty, a certain amount of study of a scientific or a literary character, following a certain prescribed course and submitting to the usual periodical tests of the thoroughness and efficiency of his work, by examinations, and by a graduation thesis at the close of his course.

It is true that evidence is presented to the Faculty that Dr. Seaman has pursued with success a large amount of study since leaving the University, and that much of this, taken in preparation for the practice of medicine, is of a scientific character, such as might without impropriety be included in our course in Natural History,—a course that leads to the degree of Bachelor of Science ; but only a very small part of it is included in that course, or in any other of our courses leading to a degree.

But, even if it were so included, it appears to this Faculty that it would be a dangerous precedent, and one that might lead to very troublesome complications, however distinguished the special case by which such a precedent should be established, that its recommendation to your Board for degrees should be based on work a very large and important part of which was done outside of its own supervision, and under conditions that preclude the application of its own tests of the quality of that work.

In view of the considerations above presented, the Faculty unani- mously adopted the following conclusion in regard to Dr. Seaman's case, as reported by the committee appointed to investigate it, viz. :

That there is no way under existing regulations, in which Dr. Seaman's request can be granted, without making the degree he seeks for, an honorary degree in his case, whether it be the first or the second one.

And, in view of the decided position recently taken by the Alumni of this University in opposition to the conferring of honorary degrees, the Faculty are not prepared to take any further action in regard to a degree for the applicant in this case.

On motion the above report was accepted and adopted.

The report of the Committee to whom was referred the question of defining who shall be considered Alumni of Cornell University was, on motion, referred back to the same Committee, with instructions to report at the October meeting of this Board.

Whereas, The corner-stone of Sage College was laid by Mrs. Henry W. Sage, and

Whereas, A leading inspiration in the founding of Sage College, and of the University Chapel, and of the Professorship which bears her honored name, was derived from her suggestion and counsel ; therefore,

Resolved, That a portrait of Mrs. Sage be secured, to be placed in a suitable situation at Sage College or elsewhere in the University buildings, and that the sum of \$2,000 or so much of the same as may be necessary, be, and is hereby appropriated to this purpose. And that a Committee of three, of whom the President of this Board shall be one, be appointed to take all measures for carrying this resolution into effect, including the placing of a suitable inscription upon the frame of said portrait, or upon a tablet beneath it. Carried.

The following was offered by Mr. Jones :

Resolved, That the resolution adopted by this Board at the meeting held June 16th, 1886, adding the Lieutenant-Governor, the Speaker of the Assembly and the Superintendent of Public Instruction to the Committee of this Board be, and the same is hereby rescinded. Carried.

Resolved, That the President of the University be, and is hereby requested to hereafter print his Annual Report and send a copy of same to each member of this Board, prior to its annual meeting.

Resolved, That the Executive Committee of this Board shall hereafter consist of the resident members of the Board, together with such non-resident members as may chance to be in town at the time of any meeting of said Committee.

On motion, adjourned to Thursday, the 21st inst., at 9 A. M.

THURSDAY MORNING, JUNE 21, 1888.

Re-assembled at the Faculty Room, at 9 o'clock, A. M.

Mr. Williams presented a communication from the Nebraska Cornell Association, under date of June 12th, the consideration of which was, on motion, laid over until the next meeting of this Board.

The resolution postponing the election of Trustee having been rescinded, on motion, the Board proceeded to ballot for a Trustee in the place of A. S. Barnes, deceased, whose term of office would have expired at this meeting ; whereupon, Mr. Alfred C. Barnes was unanimously elected for the term of five years.

On motion of Mr. White, it was

Resolved, That this Board do cause to be erected in the Memorial Chapel of the University, suitable tablets to the memory of Erastus Brooks and George W. Schuyler, charter Trustees of the said Board, and most devoted through a long series of years to the interests of the University.

Resolved, That the sum of five hundred dollars be, and is hereby appropriated to this purpose.

Resolved, That a Committee of three be appointed to prepare suitable inscriptions, and to carry this resolution into effect.

The chair appointed Messrs. White, Adams and Boardman under said resolution.

On motion, President Adams was placed on the Committee on Barnes Hall, to act during the absence of Mr. White.

On motion the Board adjourned.

W. R. HUMPHREY, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 23, 1888.

Present, Trustees Adams, White, Boardman, Lord, Tyler, Williams, and VanCleaf.

Moved and carried, that Professor W. R. Dudley be, and he hereby is, appointed Assistant Professor, with his present title and salary.

A communication from Professor Roberts, Director of the Agricultural Experiment Station, enclosing a letter from Professor Prentiss, was read and ordered on file.

Director Roberts also submitted the following report :

ITHACA, N. Y., 23 June, 1888.

PROFESSOR I. P. ROBERTS,

Director Cornell University Experiment Station :

SIR :

At a meeting of the Cornell University Experiment Station Council, held in the Agricultural Reading Room, June 22d, the following resolutions were passed :

Resolved, 1, That this Council recommend the following additional appropriations from the funds for the current year :

To the Chemical Department, . . .	\$15 00
To the Horticultural Department, . . .	. 45 00
To the Agricultural Department, . . .	750 00
To the Entomological Department, . . .	. 750 00

Resolved, 2, That the Council recommend that the appropriation of the balance of the fund for this year not already appropriated be referred to a committee consisting of the President of the University and the Director of the Station.

Resolved, 3, That the following appropriations be recommended for the next fiscal year :

Salary of Director,	\$1,500 00
“ Deputy Director and Secretary,	2,000 00
“ Professor of Horticulture,	2,000 00
“ Assistant in Agriculture,	750 00
“ “ Chemistry,	750 00
“ “ Entomology,	750 00
“ “ Horticulture,	500 00
“ “ Botany,	750 00
Total of Salaries,	\$9,000 00

Printing, Stationery, and expenses of office of

Director,	\$1,750 00
Agriculture,	600 00
Horticulture,	1,500 00
Botany,	500 00
Chemistry,	100 00
Veterinary Science,	500 00
Entomology,	200 00
Buildings,	750 00

Total, \$14,900 00

From the minutes.

J. H. COMSTOCK, Secretary.

Moved and carried, that that portion of the above report which refers to additional appropriations for the current year, be referred back to the Council, with power.

Moved and carried, that the appropriations recommended by the Council, for salaries, etc., for the next fiscal year, be and they are hereby made in accordance with said report.

President Adams reported, after getting bids from the contractors, that the sum of \$7,000 appropriated by the full board, for the purpose of making the Civil Engineering and Architectural building of stone instead of brick, would be insufficient, owing to a great increase in the price of stone.

Moved and carried, that in the opinion of this Committee there should be a substantial compliance with the recent vote of the Board of Trustees, by causing the west front and the two ends of the Civil Engineering and Architectural Building to be built of Medina stone, backed with brick, and that the rear of the building be constructed of brick upon a basement built of the same stone, backed with brick, with corner blocks of said stone upon the projections, and window dressings, cornice and string-courses of stone ; and that the Building Committee be and are hereby requested and instructed to cause the building to be erected in the manner herein indicated, at a cost not to exceed seven thousand dollars.

On motion, the Committee adjourned.

M. VAN CLEEF, Sec'y *pro tem*.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, July 13, 1888.

Present, Trustees Sage, Adams, Boardman, Lord, Williams, and Van Cleef.

Moved and carried that the minutes of last meeting be approved as printed.

Moved and carried that Professor Van Vleck's resignation, as Assistant Professor of Industrial Art, be accepted, on account of the reason assigned by him, to wit : his failing health.

Moved and carried that Mr. Frank Vogel, of Boston, be and he hereby is appointed Instructor of German in place of Mr. Wilson, at a salary of \$1,000.

Resolved, That Mrs. ~~Helena~~^{Ellen} K. Hooker, of Batavia, N. Y., be and she hereby is appointed Principal of Sage College, at a salary of Twelve Hundred Dollars per annum, together with a suite of furnished rooms, board, fuel, and lights. Carried.

Moved and carried that the Treasurer be authorized to fit up a room in White Hall for Professor Schurman's Seminary, in place of the room formerly occupied by him, and now taken for the office of the Agricultural Experiment Station.

Moved and carried that the Superintendent of Buildings be and he hereby is directed to make such alterations in the ventilating flues in Sage Chapel as may be necessary to insure warming and ventilation.

Moved and carried that the Treasurer be and he hereby is authorized to have such plain book-cases made in the German Seminary room as may be necessary.

Moved and carried that the second lot south of that of Professor H. S. Williams be assigned to Professor B. G. Smith under a lease, on the usual terms.

Moved and carried that the lot next west of that of Dr. Hitchcock be assigned to Professor F. M. Burdick under a lease, on the usual terms.

On motion the meeting adjourned.

M. VAN CLEEF, Sec'y *pro tem*.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, Sept. 8, 1888.

Present, Trustees Sage, H. W., Boardman, Adams, Williams, Van Cleef, and Sage, Wm. H.

Minutes of meeting of July 13th were, on motion, approved as printed.

On motion, *Resolved*, That Frank Melville Bronson, A. M., be and is hereby appointed Instructor in Greek and Latin for one year, at a salary of \$1,000.

The following report was submitted and, on motion, accepted and the recommendations therein adopted :

“The Committee on Applied Sciences, to which was referred the application of Professor Fuertes, dated April 23d, 1888, respectfully advise, That the consideration of the appointment of Mechanician for the Department of Civil Engineering be deferred until the new building is ready for occupation. Also that an additional assistant be appointed for the teaching work of the department.

GEO. R. WILLIAMS,

Chairman Committee Applied Science.”

On motion, *Resolved*, That Walter L. Webb, C.E., be and is hereby appointed Instructor in Civil Engineering for one year, at a salary of \$1,000.

On motion, *Resolved*, That W. W. Rowlee, B.S., be and is hereby appointed Assistant in Botany for one year, at a salary of \$750, to be paid from the Agricultural Experiment Station fund.

On motion, *Resolved*, That Mr. Harvey D. Williams be and is hereby appointed Instructor in Mechanical Drawing and Designing for one year, at a salary of \$1,000.

A communication from the Director of Sibley College recommending the appointment of Mr. George W. Bissell as third-class Instructor in Sibley College, at \$600, and an Assistant Janitor at Sibley College at \$20 per month, was referred to President Adams, with power.

On motion, *Resolved*, That Mr. Edward P. Roberts be and is hereby appointed Associate Professor of Electrical Engineering for one year, at a salary of \$2,000.

On motion, *Resolved*, "That E. L. Williams, the Treasurer of this Board, be, and he hereby is authorized for and in behalf of this corporation, and in the corporate name thereof, and under its corporate seal, to sign, seal, execute and deliver to the United States of America a good and sufficient bond, under and in pursuance of the Laws of the said United States, and particularly under section 2509 of said laws, and the regulations of the Treasury Department pertaining thereto, wherein this corporation shall be bounden unto the said United States of America in the sum of Four Hundred Dollars, to secure to the said United States the lawful duties that may be due on certain Reproductions of Ancient Coins, that were imported by this corporation at the port of New York, in the steamship Persian Monarch from London, should any of the said merchandise be used or transferred contrary to provisions of the act aforesaid."

On motion, the Treasurer was authorized to reimburse Dr. Caldwell for expenses incurred on account of the Chemical Laboratory, to the amount of \$126.16.

On motion, the Treasurer was authorized to provide for the extension of the gas main to the Flagg cottage.

On motion, \$2,450, were added to the Sage College appropriation for 1887-8.

On motion, the Treasurer was instructed to ascertain as accurately as possible, the conditions of the contract between Ezra Cornell and Dr. Newcomb, for the purchase of the Newcomb collection of shells.

On motion, the Acting Librarian was instructed to ascertain and report the market value of the books, included in the list submitted by Dr. Newcomb, which he desires to sell to the University.

On motion, *Resolved*, That the Chairman of this Board be, and is hereby authorized to present to the executors of A. S. Barnes, the claim of Cornell University arising out of his proposed gift of \$45,000, and to employ counsel to make up and present said claim.

A communication from the Director of Sibley College in regard to the re-organization of the force of laborers in said College, and the appointment of two additional men, was, on motion, referred to Messrs. H. W. Sage and Geo. R. Williams, with power.

Adjourned.

E. L. WILLIAMS,
Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, Sept. 19, 1888.

Present, Trustees Sage, H. W., Adams, Williams, Boardman, and Sage, Wm. H.

On motion, The minutes of last meeting were approved as printed.

Resolved, That Alfred Bruce Canaga, Passed Assistant [Engineer U. S. N., be, and hereby is appointed Assistant Professor of Mechanical Engineering.

Resolved, That \$400 be, and hereby is appropriated as an addition to the salary received by Professor Canaga from the Government.

Resolved, That Benjamin W. Snow, B.S., be, and hereby is appointed Instructor in Physics in place of J. Howard Pratt, resigned, at a salary of \$1,000.

The following was presented and adopted, and ordered spread upon the minutes :

NOTICE TO STUDENTS OF SAGE COLLEGE.

The Trustees of the University have observed with pleasure, that almost without exception the young ladies of Sage College have been studious, and in every way have conducted themselves in a manner to merit unqualified approval. As the number in the college, however, becomes greater, there is an increasing liability that the welfare and progress of the many, may occasionally be obstructed or interfered with by the indiscreet thoughtlessness of the few. A mere forgetfulness of the reasonable requirements of conventional good usage on the part of no more than one or two persons, may lead to uncharitable interpretations and tend to bring into disrepute the cause of co-education. The Trustees believe that so far as possible the masses of the students should be protected from all such liability.

Young ladies should not be interrupted in their studies by calls at unreasonable and unexpected hours ; nor should their social life in any way be permitted to interfere with the primary object of their coming to the University. In view of the increasing number of students in Sage College, and of the consequent liabilities here referred to, the Trustees believe the time has come for the authoritative enactment of a few protective regulations.

The following requirements are, therefore, adopted and promulgated :

1. At 10 o'clock at night all students of Sage College are required to be in the College building ; and, except in case of some general entertainment in the building, are required to be in their own private rooms. The only exceptions to this requirement permitted will be in case of absence from the building with the Principal, or with her permission secured in advance.

2. Quiet must be observed in the corridors and private rooms after 10 o'clock at night.

3. Every student is required, on going out in the evening, to leave her name with the Principal, and to state where and with whom she is going. If the Principal is not in her room, written notice must be left on the table inside of the door of her room, or given to Mr. or Mrs. Gilbert.

4. Calls from young gentlemen may be received in the Reception Room on two specified evenings in the week, from 7:30 to 9:30 o'clock, the evenings to be designated by the Principal after due consultation of the convenience of the young ladies. At all other times the cards of gentlemen calling will be delivered by the porter to the Principal, and will then be forwarded only in case of special necessity.

5. All students of Sage College are expected to assemble in the Reception Room each day immediately after tea, for such announcements as the Principal may desire to make. This requirement may be waved at the discretion of the Principal.

6. Of all questions of propriety on the part of students of Sage College, the Principal is recognized by the Trustees as the authoritative judge. In case of any violation either of the above rules or of the requirements of the Principal in the matter of conduct, or of any persistent misdemeanor of any kind, the Principal is expected to report the case to the President of the University.

By order of the Trustees,

C. K. ADAMS, *President.*

Resolved, That the Secretary be instructed to call the regular Fall meeting of the Full Board upon Oct. 24th next, at 9 o'clock A. M.

Mr. H. W. Sage presented a proposition in writing which was read, offering to advance to the University the necessary funds for the erection of the Library Building.

On motion, *Resolved*, That the proposition of Mr. Sage, as read by the Secretary, be accepted. That he be authorized, upon the terms therein stated, with the approval of the Committee, to contract for building the basement walls of said building, and that the contract already made by him for excavating the basement be ratified, and approved.

Resolved, That the Treasurer be and is hereby authorized to execute on behalf of the University such papers as may be necessary to carry out the conditions contained in the proposition of Mr. Sage.

Resolved, That the proposition of Dr. W. Newcomb for the sale to Cornell University of his Conchological Library be respectfully declined.

Adjourned.

E. L. WILLIAMS,
Secretary.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, Oct. 23, 1888.

Present, Trustees Sage, H. W., Adams, Lord, Boardman, Sage, Wm. H., Van Cleef, Tyler, and Williams.

Minutes of the last meeting, were, on motion, approved as printed.

The Committee on Appropriations reported appropriations to the several departments of the University, amounting in the aggregate to \$366,058.92, which were, on motion, approved.

On motion, Mr. W. E. Simonds was appointed Instructor in German for one year, in place of Mr. Frank Vogel resigned, at a salary of \$1,000.

Moved and carried, that Professor S. H. Gage be granted leave of absence during the Spring term of the current year with full salary, provided such leave be accepted in lieu of the eighth year vacation which he would be entitled to under the rules of this Board.

Moved and carried, that the sum of \$750, be appropriated from the Agricultural Experiment Station funds for the erection of a Propagating House.

Moved and carried, that it is the sense of this Board that the expenses of a delegate to the American Association of Agricultural Colleges and Experiment Stations should be paid from the Agricultural Experiment Station funds, provided the University has the legal right to apply said funds to such purpose, and that Judge Boardman be requested to examine and report upon the legal question involved.

Moved and carried, that Mr. W. W. Rowlee, recently appointed Instructor in Botany to be paid from the Agricultural Experiment Station Funds, be transferred to the University pay-roll; and that \$750 of the salary of Professor W. R. Dudley be paid from the Agricultural Experiment Station fund.

Moved and carried, that Professor James W. Robertson, of Guelph, Ont., be invited to deliver, during the current year, ten lectures on Dairy Husbandry, at a compensation of \$175.

President Adams reported, that under the authority recently conferred upon him, he had authorized the appointment of Mr. Geo. W. Bissell, as third class instructor in Sibley College for one year, at a salary of \$600; also the employment of an Assistant Janitor at Sibley College, at \$20 per month. On motion the report was adopted.

Moved and carried, that Professor W. G. Hale be granted leave of absence during the year 1888-9, upon the usual terms and conditions governing sabbatical vacations.

Moved and carried, that the sum of \$250, be paid to Mrs. E. P. Gilbert during the current year, for services at Sage College, as heretofore.

The Committee on Applied Science, to whom was referred the communication of Dr. Thurston in regard to the reorganization of the heating and lighting labor corps, reported in favor of the appointment of an Engineer at \$60 per month; an Assistant Engineer at \$45 per month; First-class Fireman at \$50 per month; Second-class Fireman at \$40 per month; and a boy as helper at \$20 per month. On motion, the report was accepted and adopted.

Moved and carried, that the following appointments in the heating and lighting department be made, as recommended by Dr. Thurston, viz: Buren Gunn, Chief Engineer, at \$60 per month; Patrick Lucas, Assistant Engineer, \$40 per month; Horace Marshall, Fireman, \$45 per month; David Campbell, Second Fireman, \$40 per month; Geo. Lyon, Coal-passer and Lineman, \$20 per month.

Moved and carried, that the following appointments be made in the University Library, in accordance with the recommendation of Librarian Harris, viz: C. H. Hull, Chief Cataloguer, at \$780 per annum; H. E. Millholen, First Delivery Assistant, at \$480 per annum; H. Austin, Second Delivery Assistant, at \$360 per annum.

Moved and carried, that the Treasurer be authorized to refund to Miss Alice Hackley the amount of one term's tuition, she having

been obliged to leave the University a few days after the opening of the term.

The application of Professor Fuertes for permission to erect a signal pole upon the tower of the Laboratory Building, was referred to Trustees Wm. H. Sage and Van Cleef, to report.

A communication from Dr. Thurston in regard to a general electric lighting system for Cascadilla, Sage College, and the Armory, was, on motion, referred to the Committee on Central Steam Heating Station to investigate and report.

The Finance Committee reported the following investments made since the date of their last report, viz :

BONDS.	Issued for	Mature.	Cost.	R't.	Am't.
Dickinson Co., Kan., . . .	R. R. Aid.	1887- $\frac{10}{20}$	95	6	\$20,000
Lincoln T'p, Cloud Co. Ks	Bridges.	1907	100	6	10,000
Riley Co., Kan.,	R. R. Aid.	1888- $\frac{10}{20}$	95½	6	10,000
Sch. Dist. 16, Dun. Co. Neb.	. . . . .	1903	106	7	5,000
Fairbury Pre. Jeff. Co. Neb.	R. R. Aid.	1887- $\frac{10}{20}$	92½	6	30,000
Logan Co., D. T.	Funding.	1902	106	7	8,500
Fairfi'd Pre. Clay Co. Neb.	R. R. Aid.	1907	92½	6	20,000
Madison Pre. Fill. Co. Neb	"	1907	92½	6	5,000
Smoky H. T'p, McP. Co. Ks	"	1918	92½	6	10,000
Jefferson Co., Mont.	Refunding	1887- $\frac{5}{20}$	100	6	6,000
Hebron Pre. Tha'r Co. Neb	R. R. Aid.	1887- $\frac{10}{20}$	92¼	6	29,000
Sp. Cr'k Pre. " " "	"	1887- $\frac{10}{20}$	92½	6	10,000
Lincoln T'p, Kear. Co. Neb	"	1907	91¼	6	23,500
Beatrice Sch. Dist., Neb..	. . . . .	1902-16	104¼	6	15,000
Sch. Dis. 1, Boone Co. Neb,	. . . . .	1898-1905	101¼	6	8,000
Graham Co., Kan.	Refunding	1918	100	6	10,000
Sch. Dis. 7, Gree. Co. Neb.	. . . . .	1908	108½	7	4,500
Sch. Dis. 36, Boone " " "	. . . . .	1903-8	107 $\frac{91}{100}$	7	3,000
Sch. Dis. 37, Dakota " " "	. . . . .	1898	105 $\frac{92}{100}$	7	2,000
Omaha Horse R'y, Co. . . . .	. . . . .	1886- $\frac{10}{30}$	100	6	25,000
Sioux Falls City, D.T.	Refunding	1907	105 $\frac{34}{100}$	7	12,000
Jeff. Co. Mont.	Court Hs.	1888- $\frac{5}{20}$	99½	6	30,000

NOTES.

W. J. Young & Co.,	Secured by collateral,	Paid.	\$30,000
" "	" "		30,000
" "	" "		45,000
" "	" "		50,000

Mortgages.	Of Whom Purchased.	R't	Cost.	Am't.
T. J. Carter, <i>et al.</i>	Lewis Invest. Co.	6	99	\$7,500
J. Perrin,	Lewis Invest. Co.	6½	99	2,500
H. E. Walker,	Lewis Invest. Co.	6	99	2,000
W. T. Gillett,	Lewis Invest. Co.	7	99	2,000
H. B. Stephens,	Stull Bros.	7	100	4,000
A. Neilson,	Stull Bros.	6	98	1,500
J. R. Kinnan,	Stull Bros.	6	98	3,500
Barbara Stoll,	Woodward Bros.	6½	100	4,200
G. S. Warren,	Woodward Bros.	6½	100	4,000
E. N. DeWitt,	Lewis Invest. Co.	7	99	4,000
G. D. Hillebrant,	Lewis Invest. Co.	6½	99	8,000
A. J. Livingston,	Lewis Invest. Co.	6	99	2,500
P. Klinker,	Lewis Invest. Co.	6	99	1,600
H. J. Dobbs,	Woodward Bros.	6½	100	2,000
W. W. Claypool,	Lewis Invest. Co.	6	99	3,000
J. J. Plank,	Lewis Invest. Co.	6	99	1,600
W. Blaker,	Kansas L. & T. Co.	7	100	4,000
J. Russell,	Woodward Bros.	6½	100	2,000
J. G. Ladd,	Woodward Bros.	6½	100	4,000
F. Armstrong,	Lewis Invest. Co.	6½	99	2,000
T. H. Leech,	Lewis Invest. Co.	7	100	2,500
J. A. Wright,	Lewis Invest. Co.	6½	99	2,500
J. W. Clayton,	Lewis Invest. Co.	6½	99	2,000
P. E. Hedstrom,	Lewis Invest. Co.	6½	99	2,000
E. Hitchcock, Jr.		6	100	3,000
E. W. Moore,	Lewis Invest. Co.	6½	99	2,700
N. Cullen,	Lewis Invest. Co.	6½	99	2,200
J. H. Comstock,		6	100	1,200
Geo. M. Boggs,	Lewis Invest. Co.	7	100	4,500
S. O. Hingston,	Lewis Invest. Co.	7	102½	11,000

On motion, the above report was accepted, and the investments therein named approved.

Moved and carried, that authority be granted to remove the Armory seats to the Rink for use until Tuesday next, upon condition that they be returned in perfect order, and that such removal be made under the direction of the Treasurer.

Moved and carried, that the lot next north of the one assigned to Professor Brainard G. Smith, be granted to Professor H. B. Hutchins upon the usual terms.

Moved and carried, that the plans for a cottage submitted by Professor B. G. Smith be approved; that the maximum sum at which said house may be appraised to the University be fixed in the lease at \$4,000; and that the Treasurer be authorized to loan Professor Smith upon the cottage which he is about to erect, the sum of \$3,000.

Moved and carried, that the size of Professor B. G. Smith's lot be fixed at 100 ft. north and south by 190 ft. east and west.

Moved and carried, that a lot 100 ft. east and west by 180 ft. north and south, immediately east of the lot now occupied by Professor E. B. Andrews, be granted to Deputy Director H. H. Wing, upon the usual terms and conditions.

Moved and carried, that the plans for a cottage, submitted by Professor F. M. Burdick, be approved.

Moved and carried, that the nominations of the Faculty of Assistant Professor Dudley, Professor Oliver, Professor Wheeler, and Professor Tuttle as members of the Library Council for the current year, be ratified and confirmed.

Moved and carried, that Mr. Lord be appointed a member of the Library Council from the Executive Committee.

A communication from Professor Babcock in regard to the playing of foot-ball near his residence was, on motion, referred to the Committee on Buildings and Grounds to report.

Moved and carried, that the sum of \$500 be added to the salary of Dr. J. G. Schurman, to date from the beginning of the current year.

The application of Dr.'s Caldwell and Nichols for an appropriation of \$275, for the purchase of an Air Pump was, on motion, referred to the Treasurer to report.

Moved and carried, that the wages of Mr. Henry Feehan, Janitor and Supply Clerk in the Chemical Laboratory, be increased to \$45 per month.

On motion, the Treasurer was authorized to place insurance to the amount of \$25,000 each upon Barnes Hall and the Engineering and Architectural Building.

Moved and carried, that the sum of \$5,000 be appropriated towards the construction of the Library Building, the same to be paid from funds to be furnished by Mr. Sage.

Mrs. E. M. Reichenbach having represented to the Committee that she was unexpectedly called away from the University a few days after the opening of the term, the Treasurer was, on motion, authorized to refund the amount of her tuition fee for the term.

The petition of Mr. Frank McFarland for free tuition during the current year, upon the ground that he had lost by absence the benefit of one year upon his State Scholarship, was on motion, denied.

Adjourned.

E. L. WILLIAMS,
Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, Oct. 24, 1888.

Present, Trustees Cornell, Adams, Sage, H. W., Tyler, Lord, Boardman, Williams, Van Cleef, Sage, Wm. H., and Salmon.

The minutes of the Board of Trustees, and of the Executive Committee, were, on motion, approved as printed.

The minutes of an Executive Committee meeting held Oct. 23d, which had not yet been printed, were read, and on motion, approved.

Moved and carried, that ex-President Andrew D. White be requested to prepare an appropriate memorial of the life and services of the late Hiram Sibley, and that the same be spread upon the records of this Board.

Moved and carried, that the Board proceed to the election of a Trustee to fill the vacancy caused by the death of the Hon. Hiram Sibley.

Upon ballot duly had, Mr. Hiram W. Sibley, of Rochester, N. Y., received all the votes cast, ten in number, and was declared unanimously elected Trustee to fill the vacancy mentioned above.

President Adams made a verbal report regarding the condition of the several departments of the University, the attendance, etc., and called attention to the pressing need of additional accommodations for the departments of Chemistry and Physics. After a full discussion of the subject, Mr. Cornell offered the following, which was on motion, adopted :

WHEREAS, This Board recognizes the imperative necessity of making immediate preparation for the accommodation of the large number of students in the University required to pursue the study of Chemistry ; therefore,

Resolved, That the sum of \$80,000, or so much thereof as may be necessary, be, and the same is hereby appropriated to provide and

erect a new Chemical Laboratory, and that the sum expended for said building be made a first charge of \$20,000 per annum, on the income of the Cornell University during the fiscal years ending August 1st, 1890, 1891, 1892, and 1893, and that the Executive Committee are hereby directed to make the necessary financial arrangement to borrow the said \$80,000, or so much thereof as may be necessary, from the capital of the University funds to be repaid from the annual appropriation hereinbefore provided; and that the current interest on the said sum so borrowed be charged in the current expenses of the University.

The Annual Report of the Treasurer was read, and on motion, accepted and ordered on file.

The Land Committee submitted its annual report, which was, on motion, accepted and adopted.

The following was presented :

REPORT OF THE COMMITTEE ON APPROPRIATIONS.

1888-89.

To the Board of Trustees :

GENTLEMEN :

The Committee on Appropriations beg leave to report that they have had the recommendations of the several departments of the University under careful examination, and that they recommend the following appropriations for the university year, 1888-89 :

Advertising,	\$2,250 00
Agricultural Department,	6,000 00
Anatomy and Physiology,	1,800 00
Architecture,	750 00
Bell Ringing,	200 00
Botanical Department,	2,000 00
Care of Buildings,	4,500 00
Care of grounds,	2,000 00
Chemical Department,	5,800 00
Civil Engineering Department,	3,605 00
Contingent Fund,	5,000 00
Dean Sage Sermon Fund,	2,000 00
Entomological Department,	748 00
Electric Lighting,	225 00
Fuel,	6,000 00
Geological Department,	300 00

German,	300 00
Greek,	286 00
Insurance,	1,550 00
Latin Department,	200 00
Law Library,	1,500 00
Library,	13,412 00
Mechanical Engineering Department,	7,195 00
Military Department,	300 00
Physical Culture,	500 00
Physics Department,	2,775 00
Printing and Stationery,	2,000 00
Register,	1,600 00
Repairs,	7,500 00
Sage Chapel Expenses,	700 00
Sage College Fund,	8,000 00
Salaries,	170,850 00
Scholarships and Fellowships,	8,000 00
Sibley Prize,	100 00
Students' Loan Fund,	500 00
Water Works,	500 00
White Veterinary Prize,	30 00
Woodford Prize Medal,	100 00
Class of '86 Memorial Prize,	35 00
Mrs. A. S. Barnes Shakespeare Prize,	60 00
Heating and Lighting Labor,	2,580 00
Agricultural Experiment Station Fund,	15,000 00
Steam Heating Apparatus (reappropriated),	14,452 69
Architectural and Civil Eng'ng Bldg. (reap'd),	60,355 23
Memorial Tab's for Trustees Brooks and Schuyler, (reappropriated),	500 00
Mrs. Sage's Portrait (reappropriated),	2,000 00
Total,	<u>\$366,058 92</u>

Respectfully submitted,

C. K. ADAMS,	} <i>Com. on Appropriations.</i>
H. W. SAGE,	
D. BOARDMAN,	

On motion, the above report was accepted and adopted.

The following was presented, and on motion adopted :

WHEREAS, The establishment of the Sage Scholarships for Women to be sustained out of the income of the Sage Endowment Fund, is deemed by the donor of said fund a diversion of the income of said

fund from its legitimate purposes, and tends to deprive Sage College of that assured support which was contemplated by the donor when the fund was given ; therefore,

Resolved, That said Sage Scholarships for Women be, and the same are hereby abolished and discontinued ; provided, however, that this resolution shall not apply to the persons now holding such scholarships, but they shall continue to hold and enjoy the same according to the terms of their original appointment or selection.

Resolved, That the University Building, now known as the Chemical and Physical Laboratory, be, and is hereby designated, and shall hereafter be known as Lincoln Hall, as an honorary memorial to President Abraham Lincoln, by whose approval the Act of Congress donating public lands for Agricultural and Mechanical education became a law.

A petition from the Nebraska Cornell Association asking that they be voted an annual free scholarship in Cornell University was presented.

On motion, *Resolved*, That the President be requested to inform the Secretary of the Nebraska Association that the Trustees of the University feel constrained to postpone the consideration of their request until such time as the financial condition of the University will permit the granting of a similar scholarship to the Alumni of all the States.

Moved and carried, that it is the sense of this Board that only such graduate students as are candidates for advanced degrees should be allowed free tuition in the University.

Moved and carried, that the Executive Committee be requested to formulate an ordinance in regard to graduate students.

Moved, that the degree of C.E. be conferred upon Mr. Francisco V. Roderiguez, B.C.E., Class of '78, in accordance with the recommendation of the Faculty of Oct. 20th. Carried, Mr. Cornell voting nay.

The following was presented :

To the Board of Trustees of Cornell University :

At the request of the Executive Committee I beg leave to report for the consideration of this board the following suggestions touching the alumni of the University.

By Sec. 2, of Ch. 763 of the laws of N. Y. for 1867, provision was made for the election of a portion of the Trustees by the alumni in connection with which the following clause is a part of the law :

“ Who shall be deemed the alumni of said university shall be prescribed by the by-laws of the said university and such prescription shall be made at or before the first annual commencement of the said university and the same shall not be changed except by act of the legislature.”

No such designation or prescription has ever been made. The requirement that it should be made “ at or before the first annual commencement” is however directory because the time when the act is done is not the essence of the thing required to be done (*6 Hill, 646 affd., 3 Den. 526*). The essential act is to define the alumni who under such law may vote for trustees, which may now be done.

Heretofore all graduates of the University have been allowed to vote for trustees. Such graduates have been admitted to their degree in courses requiring four years of study.

Now, however, we are about to have graduates from our Law School and from the School of Pharmacy in which the courses of study require but two years before degrees may be conferred and the question directly presented whether alumni taking degrees in Law or Pharmacy or any other short course should be permitted to vote for trustees.

By Ch. 361 of Laws of N. Y. for 1884, licenses to practice shall be granted by the State Board of Pharmacy to any person who holds a diploma as a graduate of any incorporated college of Pharmacy. It may be doubted whether Cornell University is such a college of pharmacy, or as such possesses power to grant the required diploma. In any event it is understood that certificates only will be issued to successful students in pharmacy showing the studies pursued and the character of their attainments. Register 1887-8 p. 152. It is not deemed wise to recognize the students holding such certificates as alumni or as entitled to vote for alumni trustees. Law students on the contrary when graduating take the recognized degree of Bachelor of Law. As lawyers in after life many of them exercise wide influence as legislators, judges and business men. It is believed to be good policy to strengthen their attachment to our institution by interesting them in its control and management and that they will be as wise and discreet in the exercise of the rights conferred as any other graduates. They will also be more likely to use their personal influence and ability in our behalf.

It is therefore submitted for consideration that the following ordinance be enacted, viz :

All graduates of the first degree, in any of the departments of Cor-

nell University and all persons who have been admitted to any degree higher than the first in said University shall be alumni of said University, and as such be entitled to vote for alumni trustees under and in pursuance of the provisions contained in Chapter 763 of the Laws of New York passed in 1867.

D. BOARDMAN.

On motion, the above report, together with the ordinance therein recommended, was accepted and adopted.

On motion, the President and Secretary were authorized and directed to sign and transmit the usual Annual Report to the Board of Regents.

Adjourned.

W. R. HUMPHREY,
Secretary.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, Oct. 31, 1888.

Present, Trustees Sage, H. W., Lord, Adams, Boardman, Sage, Wm. H., Van Cleef, and Williams.

The matter of Chemical Laboratory Building was discussed at some length, and, on motion, referred to the Chairman of the Board, President Adams and Judge Boardman to examine and report.

The Committee appointed to examine and report upon the location of the Weather Signal Pole, reported in favor of locating same upon the knoll west of Lincoln Hall. On motion, the report was accepted and adopted; the exact location of the pole to be subject to the approval of the Chairman of the Board.

Moved and carried, that no part of the expenses of erecting the Signal Pole, or organizing the Signal Station, be borne by the University.

Moved and carried, that a special appropriation of \$137.50 be made to the Physical Department for the purchase of an Air Pump.

A communication from Professor Osborne, asking permission to submit for approval sketches for the proposed new Chemical Laboratory Building was, on motion, referred to the Committee on Laboratory Building.

Adjourned.

E. L. WILLIAMS,
Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, Nov. 22, 1888.

Present, Trustees Sage, H. W., Boardman, Lord, Adams, Van Cleef, Williams, and Tyler.

Minutes of last meeting were read and approved.

Moved and carried, that the Presbyterian Union be granted permission to use the Armory Hall for the purpose of their Annual Banquet on Friday evening, Nov. 30th, subject to the usual conditions.

Moved and carried, that the cadet officers of the University be granted permission to use the Armory once each term for informal hops, subject to the usual conditions.

Moved and carried, that Dr. Hitchcock be requested to report to this Committee the facts and circumstances connected with the bill of Mr. J. P. Merrill for making certain plates for the President's Report.

Moved and carried, that President Adams be authorized to order, from Messrs. Cox Sons, Buckley & Co., the Memorial Tablet to the late Hiram Sibley, indicated in the letter of ex-President White; and that the sum of \$150, or so much thereof as may be necessary, be appropriated for the expense of same.

Moved and carried, that \$600, or so much thereof as may be necessary, be appropriated for the purchase of a marble bust of the late Hiram Sibley, and that ex-President White be authorized to contract with Mr. Simmons, of Rome, for said bust.

The following Memorandum has been received from ex-President White, having been prepared by him in accordance with the resolution of the Board of Trustees, passed Oct. 24, 1888.

MEMORANDUM OF THE TRUSTEES.

THE TRUSTEES OF CORNELL UNIVERSITY, having with deep regret received news of the death of the Honorable Hiram Sibley, place upon their Records the following Memorandum :

Mr. Sibley was one of the original charter trustees of the University ; his name having been placed in the Act of Incorporation by Ezra Cornell. The two men were of about the same age, and, though very different in temperament and manner, were firm friends. But it was far more than personal friendship which led Mr. Cornell to summon Mr. Sibley to his side in that great undertaking. Our honored Founder had seen in Mr. Sibley the qualities, specially to be prized in such a work : strong and good judgment, foresight, courage, devotion to the best public interests, and high integrity.

Mr. Sibley's career in the Board fully justified Mr. Cornell's choice. He became not only a most valuable adviser but a great benefactor to the new enterprise. Though naturally conservative, he entered heartily into the new plans of the institution ; plans which, when they were presented, shocked great numbers of excellent people by their boldness in breaking away from many of the cherished University traditions of the United States.

Mr. Sibley at once gave his confidence, not only to Mr. Cornell, but to the first President of the University. He was constant in his attendance at meetings in New York, in Albany, and in Ithaca ; and in times of difficulty, his purse was placed freely at the service of the institution.

At the close of a meeting in Ithaca, after the University had been in operation for a few years, Mr. Sibley came to the President and, referring to a passage in the President's Report just presented, in which the necessity of a building for the Department of Mechanical Engineering had been shown, said very quietly, " Can you give me a little time to-morrow if I stay over in Ithaca ? " The President answered that he would be glad to do so. Mr. Sibley then said, " I think I would like to put up that building for the Mechanical Engineering Department, and I would like to know your ideas as to its proper site. " The result was that then and there the beginning was made of what is now Sibley College.

Another of Mr. Sibley's characteristics—his fidelity to his old friends,—was shown in a most striking way at a later period. Mr. Cornell and the University had been the mark of unceasing attacks from a leading paper published in the city of Mr. Sibley's residence. At last, on one occasion, a special attack of exceeding virulence was made, not only there, but in the Legislature at Albany. Upon this

Mr. Sibley wrote at once to the President of the University that he (Mr. Sibley) knew the attacks to be utterly slanderous, but that he was not skilled in newspaper controversy, and that he would therefore express his opinion regarding the slanders and his confidence in Mr. Cornell's integrity in another way—by an additional gift of \$30,000 to the University for the Department of Mechanical Engineering.

Down to the last hours of his life, Mr. Sibley showed a deep interest in the University, and especially in the department which bore his honored name. The largeness of his view is shown by the fact that, although his feeling of local pride in the city of his residence was very strong, and although his devotion to the interests of that city led him to erect there a noble library building and to give constant aid to the university there situated, he never relaxed his interest in Cornell University.

One thing ought especially to be placed upon record, and that is, that, while Mr. Sibley was at heart a religious man and rejoiced to aid various church enterprises, he was, as he declared again and again, especially attracted by the unsectarian character of Cornell University. Upon nothing was his contempt so constantly and frankly poured as upon petty sectarian jealousy and strife. In a letter written just before his death to Mr. White, the former President of the University, he dwelt with great force upon the necessity of maintaining this unsectarian character, thoroughly and completely, under all circumstances.

In laying the foundations for Sibley College, Mr. Sibley was actuated not by mere personal pride: he saw the great possibilities involved in such an enterprise, and, had his life been spared, he would certainly have continued to build upon the foundations he had laid. His desire was, as often stated, that it should be the best institution of its kind in the United States, and his conception of what such a department might be made was high. Whatever personal pride entered into his feelings regarding it, was honorable to him; he felt that he wished his name,—if connected with any institution at all,—to be connected with a great institution. There was always breadth and largeness in everything he undertook.

A multitude of minor acts of kindness to the University and to its members might be cited, but one may be selected as typical. Traveling in Italy in the early, hard days of the institution, when every day of its existence was a struggle against the malignity of its enemies and the insufficiency of its resources, he saw one of the most splendid works ever issued from the Italian press,—a triumph of art and of scholarship,—Canina's great series of folios on the Antiquities of Rome. Without the slightest suggestion from any person connected with the University, he at once bought it, and sent it to the Library with a kind message.

Nor would this memorandum be complete without mention of the fact that, at the two great crises in the history of the University, Mr. Sibley came forward among its most devoted friends. The first of these occasions was when he at once, unsolicited, became one of four to contribute \$20,000 each toward the extinguishment of the University's debt. The other occasion was when, under the most discouraging circumstances, he was one of the handful of devoted friends who advanced on doubtful security the very much larger sum needed to extricate the institution from its temporary troubles and to prevent anything like collision with the State authorities.

The members of this Board, then, feel that it has been a great privilege to have had him as their associate ; their feeling of gratitude toward him is deep, and it will last among their successors as long as the University remains. The portrait which hangs on its walls is not needed to perpetuate his memory. No man could have erected by his life a nobler monument to himself or at the same time have rendered a greater service to the State and Nation.

While putting on record this statement, which but imperfectly shadows forth their feeling for Mr. Sibley's services, they desire also to express their heartfelt sympathy with Mrs. Sibley and with his son and daughter in their deep bereavement ; and yet at the same time to congratulate them upon the heritage of so honored a name and so noble an example. "

Moved and carried, that the question of changing the Fall Creek road along the north line of the University Campus be referred to Judge Boardman and Mr. Van Cleef, to take such action as they may deem wise.

Moved and carried, that Professor W. R. Dudley be added to the Agricultural Experiment Station Council.

The relations of Assistant Professors Gage and Dudley to the University, and the question of advancing them to permanent positions in the Faculty was, on motion, referred to the Committee on Departments of Natural History to report.

Moved and carried, that President Adams be authorized to take such measures as he may deem best to secure the continuance of Lieut. Van Ness as Instructor of Military Tactics in Cornell University for the coming three years.

The question of putting wire screens over the memorial windows in Sage and Memorial Chapels was, on motion, referred to the Chairman of the Board, with power.

The question of heating Barnes Hall, while the same is being completed, was referred to the Chairman and Treasurer, with power.

Moved and carried, that the Treasurer be authorized to make arrangements with the Western Union Telegraph Co. for a telegraph office at the University.

Moved and carried, that the report of the Committee on system of Electric Lighting, be referred to a special committee to ascertain first, the effect of electric light upon the vision of persons using it, and second, as to accuracy of estimates of cost and income ; and that said special committee consist of the Chairman, Judge Boardman, Geo. R. Williams and the Treasurer.

Adjourned.

E. L. WILLIAMS,
Secretary.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 20, 1888.

Present, Trustees Sage, H. W., Adams, Tyler, Boardman, Sage, Wm. H., Williams, Lord, and VanCleaf.

Minutes of last meeting were, on motion, approved as printed.

Dr. Hitchcock presented a statement of the facts in relation to the bill presented by Mr. J. P. Merrill, with prints of the cuts for which he claims payment, it appearing that the work was unsatisfactory and that none of the plates could be used, it was moved and carried that the bill of Mr. J. P. Merrill for woodcuts be rejected.

Moved and carried, that the proposition of Prof. Babcock to pay \$50 for heating and lighting Sage Chapel for the services of the St. Paul's Episcopal Society be accepted.

Moved and carried, that leaves of absence for the next collegiate year be granted to Professors Corson and Oliver, upon the usual terms and conditions, provided satisfactory arrangements can be made for carrying on the work in their departments during their absence.

Moved and carried, that the sum of \$300 be added to the appropriation for the Latin Department; such sum to be expended by Prof. Hale during his stay abroad.

Moved and carried, that the Treasurer be authorized to renew for six months the \$50,000 note of Messrs. W. J. Young & Co.

Moved and carried, that the Finance Committee be authorized to make an offer to Messrs. S. A. Kean & Co., for the sale of \$10,000, Warren Co., Ill., bonds.

Moved and carried, that the Finance Committee be authorized to employ Mr. A. H. Love, at the rate of \$5 per day and expenses, for the examination, from time to time, of such securities in the West as they may deem wise.

On motion, *Resolved*, that Assistant Professor S. H. Gage be and is hereby appointed Associate Professor of Physiology, to take effect from this date.

Resolved, that the salary of Professor Gage be increased \$200, to take effect at the beginning of the next collegiate year.

On motion, *Resolved*, that there be appointed an assistant in Anatomy at a salary of \$500 per annum, the duties and salary of such assistant to commence with the next collegiate year.

Moved and carried, that the Committee on Buildings and Grounds and the Treasurer be appointed a committee, with power, to confer with a committee of the Trustees of the Cornell University Christian Association, and determine what portion of Barnes Hall shall be placed at the disposal of the Christian Association.

Moved and carried, that the Treasurer be authorized to make the usual annual subscription of \$250 towards the expenses of the American School for Classical Studies at Athens.

Moved and carried, that fifty feet in depth be added to the lot recently voted to Professor F. M. Burdick.

Moved and carried, that the Treasurer and Mr. VanCleaf be a committee, with power, to arrange for \$75,000 of insurance on the Andrew D. White Historical Library, recently given to the University.

The action of the Treasurer in discharging the Lowrie W. Goode mortgage, was on motion, ratified and confirmed.

On motion, *Resolved*, that the Treasurer of the University be and is hereby authorized to discharge any and all mortgages belonging to Cornell University whenever the same are paid.

The question of having the Western Mortgages belonging to the University regularly assigned, and such assignments recorded, was, on motion, referred to the Finance Committee, with power.

The plans for a cottage proposed to be built by Mr. H. H. Wing upon the lot recently assigned him, were, on motion, approved.

Adjourned,

E. L. WILLIAMS,

Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Jan. 21, 1889.

Present Trustees Sage, H. W., Boardman, Williams, Adams, Lord and VanCleaf.

Minutes of last meeting, were, on motion, approved as printed.

On motion, Mr. E. G. Merritt, M. E., was appointed Instructor in Mathematics for the next collegiate year, at a salary of \$750.

Moved and carried, that \$250 be appropriated to the Department of General and Applied Chemistry, to be expended under direction of Dr. Newbury, for additional assistance.

Moved and carried, that \$250 be appropriated to the Department of Analytical and Agricultural Chemistry, to be expended under direction of Dr. Caldwell, for additional assistance.

Moved and carried, that Instructor F. H. Morgan be granted leave of absence for remainder of present collegiate year.

The application of the Delta Upsilon Association for a lot upon the ridge west of Professor Prentiss' house and facing South Avenue, was, on motion, referred to the Committee on Buildings and Grounds.

Application of Professor Gage for the second lot west of Professor Prentiss', and facing South Avenue, was, on motion, referred to the Committee on Buildings and Grounds.

Application of Dr. Nichols for a lot on south side South Avenue, nearly opposite the lot applied for by the Delta Upsilon Association, was, on motion, referred to the Committee on Buildings and Grounds, with power.

Moved and carried, that the Committee on Buildings and Grounds be requested to examine and report upon the question of opening West Avenue through the University grounds, also upon the permanent location of South Avenue and of building lots thereon.

On motion, it was *Resolved*, That the President of Cornell University be, and is hereby authorized to take such measures as in his judgment may be necessary to protect the health of persons connected with the University, in case of the appearance of infectious or contagious diseases at the University.

Moved and carried, that the sum of \$115 be appropriated to the Horticultural Department.

Moved and carried, that the Chairman of the Board be authorized to execute a proxy to Mr. Dean Sage to vote upon the stock of the Albany Exchange National Bank, held by the University, at the approaching meeting of stockholders.

Moved and carried, that the Chairman of the Board and the Treasurer be authorized to execute proxies for voting upon the Albany Exchange National Bank stock and the N. Y. Central R. R. stock held by the University.

Moved and carried, that \$2,500 be added to the appropriation for the Engineering and Architectural building.

Moved and carried, that the Treasurer be authorized to insure the Mechanical Laboratory and contents in such amount as may to him seem wise.

Moved and carried, that the Junior Ball Committee be granted the use of the Armory for the evening of February 8, upon the usual conditions.

Moved and carried. that the application of the Banquet Committee, class of '92, for use of Armory be denied.

Adjourned.

E. L. WILLIAMS,
Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 7, 1889.

Present Trustees Sage, H. W., Lord, Adams, Boardman, Tyler, Sage, Wm. H., Williams, and Wood.

Minutes of last meeting were, on motion, approved as printed.

Application of Dr. E. Hitchcock, Jr., for an additional fifty feet in the rear of his lot, was, on motion, granted.

Resolved, that the Professors of Chemistry be and hereby are directed to adjust the fees of students in the Chemical Laboratories in such a way as to defray the entire expense of supplies consumed in the Chemical Laboratories and in the processes of investigation and instruction.

Resolved, that one thousand dollars or so much thereof as may be needed be and are hereby appropriated for additional supplies to be used in the Chemical laboratories.

Resolved, that Dr. Newbury be and hereby is requested to prepare such memoranda as he may deem desirable in regard to the fitting up of that portion of the proposed Chemical Laboratory which will be devoted to the departments of General, Organic and Applied Chemistry and to file the same with Professor Caldwell.

On motion, the Treasurer was authorized to pay the expenses of the delegate from Cornell University to the late meeting of the Association of American Agricultural Colleges and Experiment Stations, when properly audited, and charge same to Agricultural Experiment Station fund.

On motion, the Treasurer was authorized to pay \$25, towards the expenses of the Association of American Agricultural Colleges and Experiment Stations.

On motion, *Resolved*, that President Adams be authorized and directed to have prepared a draft of a statute giving to the Cornell University Agricultural Experiment Station the annual appropriation made by Congress to the State of New York for Agricultural Experiment Stations, and to have the same introduced into the State Legislature.

Moved and carried, that the amount of insurance to be carried upon Barnes Hall be fixed at \$40,000, and upon the Engineering and Architectural Building at \$50,000.

On motion, the Treasurer was directed to make a charge for the use of the Armory for the Junior Ball sufficient to cover the expenses of heating, lighting and extra janitor service, the same not to exceed \$25.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 6, 1889.

Present Trustees Sage, H. W., Adams, Boardman, Lord, Sage, Wm. H., Williams, VanCleaf and Tyler.

The Finance Committee reported the following investments which were, on motion, approved :

BONDS.

						Cost.
Sioux Falls City, D. T.	R. R. Aid,	20 yrs.	7 pr ct.	\$23,000		105.34
Abilene City, Kansas,	Refunding,	10 "	6 "	7,000		103
Sch. Dist. 2 But. Co. Neb.	School,	10 "	7 "	2,500		105½
Maumee Village, Ohio,	Refunding,	12 "	6 "	15,000		100
E. Side St. R'way Co. Topeka,		20 "	7 "	35,000		96
Eureka Tp. Sal. Co. Ks.	R. R. Aid,	30 "	6 "	16,000		95
Lib'rt'y Tp. Linn Co. Ks.	"	30 "	6 "	15,000		97

MORTGAGES.

H. E. Potter,	Anglo-Amer.	Clay Co. Neb.	6 pr. ct.	2,500		99
Bowen & Jones,	"	Wood. Co. Ia.	6 "	3,300		99
H. Schwalm,	"	Ph'ps Co. Neb.	6 "	1,500		99
Jos. Hardie,	"	Emm'tt Co. Ia.	6 "	2,500		99
B. G. Smith,			6 "	3,000		100
J. H. Brady,	Kans. L. & T.	Saline Co. Ks.	6 "	16,000		100
E. D. Place,	Stull Bros.,	Fill. Co. Neb.	6 "	1,600		99
A. B. Test,	"	York Co. Neb.	6 "	2,200		99
John R. Smith,	Anglo Amer.	Nema. Co. Ks.	6 "	5,000		99
Geo. H. Jones,	Stull Bros.,	Gage Co. Neb.	6 "	2,500		99
A. J. Shambaugh,	"	York Co. Neb.	6 "	2,000		99
J. Debange (guar.)	Equit. Mtg. Co.	Lyon Co. Ks.	6 "	9,000		100
J. G. Ware,	Woodward Bros.,	Gage Co. Neb.	6½ pr ct.	1,600		100

Resolved, That Professor S. B. Newbury, having been appointed one of the United States Commissioners at the approaching Paris Exposition, be and hereby is granted leave of absence for the third term

of the present year without reduction of salary ; provided that such leave of absence is accepted by him in place of the year's leave permitted under the Statute of Nov. 2, 1885. Carried.

Moved and carried, That \$250 be appropriated for paying the expenses of boxing and transporting such articles as may be given to the University at the Paris Exposition, the same to be expended by Dr. Newbury.

Resolved, That James Edwin Creighton, A.B., at present Fellow in Philosophy, be and hereby is appointed Instructor in Philosophy for the third term of the present year at a salary of \$750 per annum, with the understanding that with this appointment the Fellowship held by him becomes vacant. Carried.

The application of the Chi Psi Society for a building lot north of the Psi Upsilon house was, on motion, referred to the Committee on Buildings and Grounds.

The application of the Cornell Tennis Association for the use of the plot of ground west of the new Engineering Building and south of Sibley College for tennis courts, was referred to the Committee on Buildings and Grounds, with power.

Resolved, That a street 66 feet wide be opened upon the line between the University estate and that of F. C. Cornell, each party to give one-half the land.

Resolved, That the Committee on Buildings and Grounds be requested to lay out and plat the lots upon the proposed street and report to the Executive Committee at their earliest convenience. Carried.

Moved and carried, That the building lot between those of Professors Tyler and H. S. Williams be leased to Professor L. H. Bailey, upon the usual terms and conditions.

Resolved, That in the opinion of this Committee it would be unwise to supply professors with type-writers.

Moved and carried, That Dr. Thurston be authorized to change the labor force at Sibley by discharging two boys and employing one man in their place, as recommended.

The contract made by the Committee on Barnes Hall with the Andrews Manufacturing Co. for opera chairs at \$2 each was, on motion, approved.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 9, 1889.

Present—Trustees Sage, H. W., Lord, Adams, Sage, Wm. H., Boardman, Williams and Van Cleef.

Resolved, That plan B, prepared by Professor Osborne for a Chemical Laboratory, be adopted; that the site be west of Lincoln Hall, and that a Laboratory upon that general plan be built, provided that the same can be contracted to be erected, fitted and furnished ready and fit for use at not exceeding \$80,000, and that no work be begun until it is ascertained that such result can be realized by bids of responsible contractors. Carried.

The resolution of the Faculty in regard to the conferring of advanced Academic Degrees upon the students in Law was, on motion, laid on the table.

The report of the Committee on Buildings and Grounds recommending the straightening of South Avenue between Central Avenue and the proposed West Avenue, and the granting of a lot to the Delta Upsilon society, upon the usual form of lease to societies, on the northeast corner of South and West Avenues, 178 feet on South Avenue, by an average depth of 200 feet from the north line of South Avenue, as the same shall be finally fixed by the Committee was, on motion, adopted.

On motion, The second lot west of Professor Prentiss's, on the north side of South Avenue, being 89 feet on South Avenue, by an average depth of 200 feet, was, on motion, granted to Professor S. H. Gage, upon the usual terms.

Moved and carried, That Mr. Wm. H. Sage be appointed a member of the Committee on Buildings and Grounds during the absence of Mr. H. W. Sage.

Moved and carried, That a lot on the southeast corner of South and West Avenues, being the lot directly opposite to the one granted to the Delta Upsilon society, be offered to the Chi Psi society, upon the usual terms and conditions.

Moved and carried, That the University purchase from Simon Maloney the 230 perch of building stone quarried from the Library cellar at \$1 per perch, and that an extra allowance of \$84 be granted said Maloney upon the stone quarried from Fall Creek.

Moved and carried, That an appropriation of \$300 be made for an Alumni Dinner at the next Commencement.

The petition of sundry students requesting that provision be made for giving instruction in Chemistry during the coming summer was, on motion, referred to the President to investigate and report. Carried.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 11, 1889.

Present—Trustees Sage, H. W., Adams, Tyler, Boardman, Van Cleef, Williams, Sage, Wm. H., and Lord.

Moved and carried, that \$500 be appropriated for expenses of preparing plans and specifications for the new Chemical Laboratory, same to be applied on account of architect's fees.

Moved and carried, that Professor Nichols be granted a lot on the south side of Cornell Ave., and that the Committee on Buildings and Grounds be authorized and requested to lay out the lots on the south side of said avenue.

The question of approval of plans for Professor Bailey's cottage was, on motion, referred to the Committee on Buildings and Grounds and Mr. Wm. H. Sage, with power.

Resolved, That the Committee on Ancient and Modern Languages be requested to inquire into the condition of the Department of English with reference to making such adjustments as may to them seem wise in view of Professor Corson's absence. Carried.

Resolved, That the Acting Librarian be requested to consider and report to the Executive Committee, at his earliest convenience, whether any, and if so how much, additional assistance will be needed to complete the cataloguing of the Library before June 1st, 1891. Carried.

Resolved, That Mr. Geo. L. Burr be, and is hereby, appointed Assistant Professor of History for three years from the beginning of the next collegiate year, at a salary of \$1,400 per annum. Carried.

Resolved, That a special committee, consisting of Mr. Wm. H. Sage and Mr. Van Cleef, be appointed to consider and report to this Committee such recommendations as may to them seem wise, in regard to an athletic ground, and that pending such report the playing of foot ball upon the Campus be forbidden. Carried.

The application of the manager of the ball nine for permission to erect a grand stand near the present ball ground was, on motion, laid on the table.

On motion, the Treasurer was authorized to rent a room in the basement of White Hall to the Camera Club, at \$20 per year, the same to be fitted up at the expense of said club. The expense of laying the floor in said room to be credited on account of rent at the discretion of the Treasurer.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 22, 1889.

Present, Trustees Sage, H. W., Adams, Van Cleef, Sage, Wm. H., Lord, Tyler, Boardman, Williams and Jordan.

On motion, the minutes of meetings held Feb. 7th, March 6th and 9th, and April 11th, were approved as printed.

Moved and carried, that Mr. E. Tarbell be appointed assistant in Agriculture, in the Experiment Station, at a salary of \$750 per annum, with the understanding that during the present term he shall give one-half time to the duties of the position, and receive one-half of the salary.

Moved and carried, that the salary of Robert Shore be increased to \$100 per month, to take effect August 1st, 1889.

A petition from the Tompkins County Bible Society asking that a collection for their benefit be taken at Sage Chapel, was presented. On motion, *Resolved*, That in view of the fact that the policy of the University has been never to take up collections in Sage Chapel, that the request be respectfully declined.

The committee appointed to consider and report upon the condition of the Department of English, reported in favor of appointing Edwin M. Brown Acting Assistant Professor of English Literature, at \$1,250 per annum, and Oliver F. Emerson Instructor in English at \$750 per annum. On motion, the report was accepted and adopted.

Moved and carried, that Edward Everett Hale, Jr., be and is hereby appointed Acting Assistant Professor of English Literature for one year, at a salary of \$1,250, to take effect at the beginning of the next collegiate year.

Moved and carried, that Edwin M. Brown be and is hereby appointed Acting Assistant Professor of English Literature for one year, at a salary of \$1,250, to take effect at the beginning of the next collegiate year.

Moved and carried, that Oliver F. Emerson be and is hereby appointed Instructor in English for one year, at a salary of \$750, to take effect at the beginning of the next collegiate year.

The Committee on Applied Science recommended the appointment of an Instructor in Architecture, to do work in the department now done by two students. On motion, the recommendation of the Committee was approved.

The Committee on Applied Science presented the following: Application for an appropriation to the Civil Engineering Department, for moving into, fitting, and furnishing, the new building, has been handed the Committee on Applied Science. And the Committee advise that appropriation be made, of such sum, not exceeding six thousand dollars, as will cover the necessary expense of moving, and will provide fittings, etc., as stated upon list attached hereto, (as said list is corrected in pencil), summary of which is herewith, marked approved by Committee. Also that the Dean of the Department be requested to prepare working descriptions, or drawings, of the cases, desks, presses, tables, cupboards, racks, tanks, etc., and of shafting, pullies, hangers, etc., upon which competing bids shall be gotten, so far as practicable, under supervision of the Treasurer, before formal ordering of the work. That before appropriating for motor or engine for the department, it be ascertained whether one already belonging to the University cannot be used, and if so, that the same be set apart for the use of the department. We advise delay in purchase of clock, comparator, and other items erased in detailed application, until such time as it is possible to make further special appropriation for the same, to which delay the Dean of the Department consents, in case full appropriation cannot now be made.

April 22, 1889.

G. R. WILLIAMS, Chairman.

Moved and carried, that the report of the Committee be accepted and adopted, and that the Treasurer be authorized to make expenditures for the purposes named to the extent of the unappropriated balance of the Engineering and Architectural Building appropriation, not exceeding \$6,000.

Moved and carried, that the Chairman of the Board be authorized to expend not exceeding \$20 in developing the stone quarry near Beebe's dam.

Moved and carried, that the arrangements for the opening ceremonies at Barnes Hall be referred to the Committee on Buildings and Grounds.

Mr. Sage being called away, Mr. Van Cleef was, on motion, called to the chair.

The Committee appointed to report upon the additional assistance needed in the Library submitted their report in writing and made the following recommendations :

1. That the re-classification of the books and the preparation of the shelf lists be entrusted to Mr. A. C. White, who, by his previous experience in this Library, and by his natural qualifications, is admirably fitted to undertake this work. And as, in order to secure Mr. White's services, it will be necessary to offer him a salary and a position at least equivalent to his present one, it is recommended that he be made Assistant Librarian at a salary of not less than \$1,000, with an increase at the end of two years, if his services are needed, and are satisfactory.

2. That one additional trained cataloguer be engaged at a salary not to exceed \$750, if a thoroughly competent person can be secured for that sum.

3. That an appropriation of \$250 be made for duplicating such subject-cards as require merely to be copied legibly and accurately, and, by thus employing clerical labor at 15 to 20 cents per hour, economise the time of the trained cataloguers.

The Committee believe that the measures herewith recommended are absolutely necessary under the conditions which they have stated, and they urge that immediate action be taken in the matter in order that this additional assistance may become available certainly not later than the beginning of the next financial year, August 1st, 1889.

Moved and carried, that the report of the Committee be accepted and adopted, and the employment of the persons recommended therein authorized.

Moved and carried, that the Psi Upsilon and Kappa Alpha Societies be granted the use of the Armory on Monday evening, June 17th, for a ball, upon the usual conditions.

Moved and carried, that \$10,000, or so much thereof as may be necessary, be appropriated for the completion and furnishing of Barnes Hall, as an advance for, and on account of the Christian Association of Cornell University.

Professor Roberts presented a petition for a plank walk between East Avenue and the North Farm Barn, to cost \$100, and stated that

\$41.79 of said sum would be paid by Professors and others occupying lots upon the line of said walk. Moved and carried that the request be granted.

A communication from Professor Roberts in regard to setting apart certain portions of the University Farm for the Department of Horticulture, was, on motion, referred to the Committee on Buildings and Grounds.

A communication from Dr. Thurston in regard to certain changes in the Steam Heating System, was, on motion referred to the Committee on Buildings and Grounds.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 8, 1889.

Present, Trustees Sage, H. W., Boardman, Adams, Lord, Van Cleef, and Williams.

Moved and carried, that the following be, and are hereby appointed lecturers in the Law School for the year 1889-90, viz: The Hon. Francis M. Finch, the Hon. Daniel H. Chamberlain, the Hon. Benj. F. Thurston, the Hon. Orlow W. Chapman, Goodwin Brown, Esq.

The Committee on Barnes Hall reported that the Andrews M'f'g Co., had not fulfilled their agreement to make special castings for a portion of the chairs in Barnes Hall, so that all should set level, and that they had declined to accept the chairs as at present arranged. Moved and carried, that the action of the Committee be approved.

Moved and carried, that the adjustment of the matter of chairs in Barnes Hall, with the Andrews M'f'g Co., be referred to the Treasurer, with power.

Moved and carried, that Mr. H. W. Sage be a committee to investigate and report as to the advisability of granting a right of way to the Ithaca Street Railway Co. across certain portions of the University estate.

A communication from Dr. Thurston in regard to instructors and salaries in his department, was, on motion, referred to the President to report.

Moved and carried, that an appropriation of \$20, be made for music at the Junior Prize Speaking contest.

Moved and carried, that the plans for the cottage to be erected for Professor H. B. Hutchins be approved.

Moved and carried, that the plans of a cottage to be erected by Professor S. H. Gage be approved subject to the suggestion that the opening between the parlor and the first floor bedroom be enlarged so that the two rooms may be thrown together, if necessary.

Moved and carried, that the sum of \$3,500, or so much thereof as may be necessary, be, and is hereby appropriated for the finishing and furnishing of the Engineering and Architectural Building.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., MAY 23, 1889.

Present, Trustees Sage, H. W., Boardman, Williams, Adams, Lord, Sage, Wm. H., and VanCleaf.

The minutes of last meeting were, on motion, approved as printed.

Resolved, That the President of the University be and is hereby authorized to apply in the name of the Trustees of the University, to the Secretary of War for the detail of Lieut. H. E. Tutherly as military officer at Cornell.

The following report was presented :

REPORT OF PRESIDENT ADAMS ON THE CONDITION
AND NEEDS OF SIBLEY COLLEGE.

To the Executive Committee of Cornell University :

GENTLEMEN :

At the meeting of this committee on the 8th of May, the communication of the Director of Sibley College in regard to the corps of instructors for next year, was referred to the President of the University to examine and report. There was also an informal request that the report should contain a somewhat detailed statement in regard to the working force employed in that department, and the salaries of the same. In pursuance of this action of the Committee, I beg to submit the following report and recommendations :

It has frequently been a subject of remark in the Board of Trustees that the Sibley College is a department of the University that makes very large drafts upon the treasury. In no other department have the expenditures for material equipment been so large, and in no other has it been necessary to appoint so large a corps of instructors. This exceptional expenditure has been made necessary by the nature of the department.

It was the desire of Mr. Sibley in founding the college which was to bear his name, no less than of the University in fostering it, to make the institution in every way worthy of the favor of an enlightened public.

It was our belief that if it should be raised to the very highest grade of efficiency, the public would show its appreciation of the educational opportunities offered. In this expectation we have not been disappointed. Students have come to the Sibley College in such numbers that we have finally been obliged to say that no further numbers can be received. The capacity of our rooms is limited, and until, from some source, this capacity can be increased, we shall be obliged to keep our numbers down, although there is evidence that the number applying next year will be greater than ever before. That we should be obliged to turn any away on account of lack of room is not a matter that was anticipated either by Mr. Cornell or Mr. Sibley. But the necessity is upon us, as is shown by the fact that the drawing-rooms and the shops are now filled to their utmost capacity.

It is furthermore to be noticed that the increase in the number of students does not bring a corresponding increase in the income of the University. In some of the departments in which little or no material equipment is needed, an increase in the number of students would nearly provide for its own necessities. But in a department in which so much depends on material equipment, such can never be the case. If the college is ever to grow beyond its present size, either additional means must be received from some source outside of the University, or the fees of students must be very considerably increased. If the latter expedient were to be resorted to, the embarrassment of too great numbers would probably be relieved; but such relief would be at the expense of the ideas that have always prevailed at this University.

What has been said of material equipment is equally true of the corps of instruction. An inspection of the courses of study provided for Sibley College students shows that the aggregate number of hours of instruction is 224. Of these, 116 hours of instruction are imparted by the Sibley College corps of teachers, while 108 hours are given by teachers connected with other departments. For example, all the pure mathematics, all the modern languages, all the English, and all the physics and chemistry are given in departments quite outside of the Sibley College. The financial burden of any great increase of students, therefore, falls not simply upon the Sibley College, but upon all the departments enlisted in the work of instructing Sibley students.

But in spite of this fact, the corps of instruction in Sibley College

has of necessity to be very large. Much of the work is done in shops and laboratories where constant supervision and direction is a prime necessity of successful work.

The following list of Professors, Assistant Professors, Instructors, and Assistants, exclusive of those employed in the steam heating, will convey an idea of the cost of instruction :

Thurston, R. H., Director and Professor of Mechanical Engineering,	\$4,500
Morris, J. L., Professor of Practical Mechanics,	3,250
Smith, A. W., Assistant Professor of Mechanical Engineering,	1,400
Anderson, Rufus, Foreman of Machine Shop and Instructor in Mechanical Engineering,	1,200
Canaga, A. B., Professor of Mechanical Engineering and Instructor in Marine Engineering,	400
Cleaves, E. C., Professor of Free Hand and Mechanical Drawing,	1,800
Williams, Harvey D., Instructor in Mechanical Drawing and Designing,	1,000
Gutsell, H. S., Instructor in Drawing and Industrial Art,	1,000
MacNeil, H. A., Instructor in Industrial Art,	1,000
Noyes, F. H., Instructor in Industrial Art,	750
Bissell, Geo. W., Instructor in Mechanical Laboratory,	600
Granger, Jas. W., Instructor in Forging,	750
Vanderhoef, J. E., Instructor in Moulding,	750
Pollay, Geo, Instructor in Wood Working,	600
Wood, W. H., Instructor in Wood Working,	750
Smith, Harry E., Instructor in Machine Shop,	600
Roberts, E. P., Assistant Professor of Electrical Engineering,	2,000
Vanderhoef, Robert, Janitor,	432

\$22,782

While I am convinced that this list cannot be reduced in number without impairing the efficiency of the department, I find myself unable to approve of some of the recommendations of the director.

These recommendations may be summarized as follows :

Professor E. P. Roberts, having signified his purpose of resigning his position, to take effect at the end of the current year, it will be necessary to appoint in his place an experienced Electrician, if such a person can be procured ; or if not, a younger man of suitable abilities, attainment and promise in the hope that he may grow into all that may be desired. Since the communication was offered by the director, he has indicated his desire that Instructor Ryan, who

during the past year has been a very efficient Instructor in Electricity in the Department of Physics, should be transferred and given the rank of Assistant Professor. The salary of Professor Roberts was \$2,000, that of Mr. Ryan as Assistant Professor for the first term of three years would be \$1,400. In the place of Mr. MacNeil, who also leaves us at the end of the year, the Director recommends the appointment of a suitable Instructor as soon as one can be found at a salary of \$600. Both of these recommendations I think should be approved, and that in due time the appointments should be made.

A second recommendation of the Director is that touching Instructors H. D. Williams and H. S. Gutsell. It is suggested by the Director that while he is not ready to recommend that either of them be advanced to the rank of Assistant Professor, it might be well to advance their salary beyond that ordinarily given an Instructor. The salary of \$1,200 is suggested. This recommendation does not commend itself to my approval. So far as I remember it is without precedent in this University, and if the recommendation were agreed to, it would establish a precedent that would result in much embarrassment.

I also find myself unable to approve of the Director's recommendations in regard to raising the salaries of the Instructors in the shops. So far as I have been able to learn, they have fulfilled their duties in a manner to justify my recommending their re-appointment in their present places and at their present salaries. But I have not been able to learn that their educational qualifications as mechanics are such as to warrant us in making the additions to their salaries recommended.

The considerations appear to me quite different in the cases of Mr. George W. Bissell and Mr. Harry E. Smith. Both of these gentlemen are graduates of the University and of excellent scholarship. They were appointed to the position of Instructors one year ago at a salary of \$600; and they have acceptably fulfilled the duties assigned to them. It seems to me proper that their salaries should be advanced to \$750.

The changes thus recommended will effect the salary list in the following manner. From the salaries now paid to Professor E. P. Roberts and Instructor MacNeil, there will be a reduction in the new appointments of \$600 in the one case and \$400 in the other, an aggregate reduction of \$1,000. Per contra, the additions recommended to the salaries of Mr. Bissell and Mr. Smith of \$150 each should be deducted, thus leaving the salary list for next year \$700 less than it has been during the year that is now drawing to a close.

Respectfully submitted,

C. K. ADAMS.

President.

On motion, the foregoing report was adopted.

The following was presented :

RECOMMENDATIONS OF PRESIDENT ADAMS IN REGARD
TO INSTRUCTORS FOR THE YEAR 1889-1890.

To the Executive Committee :

GENTLEMEN :—

In the official announcement of Courses of Instruction for next year it is highly desirable that the names of Instructors, as far as is practicable should be included. It is customary to issue this announcement in May, in order that students taking elective studies may have the opportunity of making their elections before the end of the year. I therefore recommend that, as far as is practicable, the instructors for next year be appointed at the present time.

In consequence of certain changes that have been made in the requirements for admission it seems necessary, to some extent, to redistribute the teaching force. In several of the courses students are permitted to offer either French or German. It is found that the number prepared in German is larger than the number prepared in French ; and consequently the classes in French the past year have, for the first time in the history of the University, been larger than those in German. As Professor Crane's department includes both Italian and Spanish, the embarrassment has been so considerable that the head of the department has been obliged to give a large share of his time to purely elementary work. There has been a corresponding diminution in the amount of the elementary work in German ; and I therefore recommend that the force of Instructors in German be diminished by one, and that the force in Romance Languages be increased by one. This recommendation is made with the approval of the professors of German. In the Department of Mathematics a slight reduction of force is also practicable. In consequence of the additional mathematics now required for admission to the technical courses, a slightly less amount of instruction in the mathematics will hereafter be required of individual students after admission to the University. This it is believed will a little more than counterbalance any additional demand made by an increase in the size of the incoming classes. It is therefore recommended that the teaching force in Mathematics for the coming year be made one less than it has been during the present year. This arrangement will impose some additional work on the instructors retained ; and the number of hours given to the work of instruction by the teachers in Mathematics is already very large. Moreover, in the absence of Professor Oliver, the higher work of the department will have, in part at least, to be done by the instructors. Fortunately

two of the instructors, McMahon and Hathaway, are amply qualified for this grade of instruction, not only by their ability as mathematicians and their skill as teachers, but also by their large experience in the service of the University. In view of the exceptional character of their work, for the year of Professor Oliver's absence, I recommend that for the coming year their salaries be raised from \$1,000 to \$1,200 each, with the definite understanding that this increase shall not extend after the return of the head of the department. Under this arrangement the expense of the department will be \$1,100 less than it has been during the present year. This arrangement meets with the approval of Professors Oliver and Wait.

In the Department of Physics the transfer of Instructor Ryan to the position of Assistant Professor of Electrical Engineering will create a vacancy that will require to be filled. It is proposed to meet this demand by transferring Mr. Merritt from the Department of Mathematics to which he was appointed at the time leave of absence was given to Professor Oliver. Mr. Merritt is the Fellow in Physics the present year and is well qualified for the position. It is recommended that the salary for the first year be \$750. This change will lessen the expense of the Department of Physics \$250.

In consequence of the large increase in the number of students in the Classical Department, I am constrained to recommend that additional provision be made for the instruction in Ancient History thus made additionally necessary. The Department of General History has not heretofore been strongly equipped. The recent appointment to an Assistant Professorship of Mr. Burr seems likely to provide for Mediaeval and Modern History; but for Ancient History no provision has ever been made. I therefore recommend the appointment of Mr. H. E. Mills to the position of Instructor in Ancient History. As only about three quarters of what might be regarded as full time will be required of him, the salary might, I think, appropriately be put at \$600. It is probable that Mr. Mills could, in addition to his work of instructor, perform the duties of Assistant Registrar, as he has done this year, at a compensation of \$400, thus making his salary as a whole \$1,000. Mr. Mills is just completing a course of three years of graduate study at this University, and is about to take the degree of Doctor of Philosophy. I consider him well qualified for the work.

In the Department of Civil Engineering, it is the opinion of the Dean that another instructor will, during the coming year, be indispensable. The very large class in Civil Engineering that entered the present year will come into the department next year for the principal part of its instruction. After bestowing upon the work of the department a very careful study, I find myself obliged to approve of the recommendation. I am convinced that even with the additional

instructor the labors of all the force in the department will be quite as severe as ought to be required.

The financial results of the modifications here recommended are made plain by the following summary :

Deduction from the salary list in Sibley College in consequence of the adoption of the report on that department,	\$ 700 00
Deduction in the Department of Physics in consequence of the transfer of Mr. Ryan and the appointment of Mr. Merritt,	250 00
Deduction in the Department of Mathematics in consequence of Professor Oliver's absence and the assignment of his work to Messrs. McMahan and Hathaway,	1,100 00
Deduction in the Department of German by reducing the number of German Instructors,	1,000 00
Total deduction,	\$3,050 00

Per contra, the additions recommended are as follows :

Additional Instructor in French,	\$1,000 00
Additional Instructor in Civil Engineering,	1,000 00
Additional Instructor in History,	600 00
Total addition,	\$2,600 00

Leaving as a result of the changes here recommended a diminution of the pay roll for next year of . . . \$450 00

So far as I can now anticipate the above are all the changes that will have to be made for the coming year.

Respectfully submitted,
C. K. ADAMS,
President.

On motion the foregoing report was adopted.

Resolved, That it be referred to the C. U. C. A. to establish such rules and regulations as may be necessary for its use and occupation of such parts of Barnes Hall as may have been or may be assigned to such association, subject to the approval of the Executive Committee or Board of Trustees. Carried.

Resolved, That there be assigned to the C. U. C. A. for its use, in accordance with the terms of the foregoing resolution, all of the rooms on the main floor of Barnes Hall, excepting the two north rooms, and that said association be granted the use of the rooms on the upper floor for its general meetings.

The following report was presented :

The undersigned, to whom was referred the various suggestions of Mr. Burdick for right of way over the property of the University for his street railroad, respectfully reports. The proposals of Mr. Burdick were :

First. To run his road up Eddy Street to a point where on the west side of the steep ascent to Cascadilla building it would strike the lot of the University north side of Williams Street, thence across that lot and around the south bank of Cascadilla creek below grade of the road to a point just west of the University bridge, thence arise to grade and cross in front, on south end of it, to and through the gore of land on east side of the road to the level of race from Eddy Dam, thence easterly along the race way through Jeremy Smith's property to the Dryden road and E. C. & N. Depot.

Second. Another proposition, in substance, to cross the new bridge now being built across the Cascadilla on Factory Street, thence easterly through our campus, tunnelling the earth bridge near Professor Prentiss', and onward through South Avenue to E. C. & N. Depot.

I respectfully recommend that both propositions be denied.

I commend to the favorable consideration of the Executive Committee this suggestion :

That if Mr. Burdick run his road up Heustis Street to the south end of Willow Dam, and thence eastward through our property and Jeremy Smith's to Dryden Road and E. C. & N. Depot, he be granted right of way through so much of our property as is necessary to strike the centre of Oak Avenue as mapped by Mr. Crandall on Jeremy Smith's property. This will accommodate the University and the public.

All of which is respectfully submitted.

H. W. SAGE.

ITHACA, May 22, 1889.

On motion, the foregoing report was accepted, and the recommendations adopted.

Moved and carried, That the special committee on Athletic Grounds be requested to examine and report as to the feasibility of taking the field immediately east of Professors Law and Hewett, and south of Reservoir Ave., for an Athletic Field.

Resolved, That the rooms to be rented in Barnes Hall be placed in charge of the Treasurer to rent at prices to be established by the Executive Committee, and that the proceeds be credited to the account of Barnes Hall against which shall be charged the expenses of repairs, lighting, and insurance, and two-thirds of the expense of heating and janitor's service for said building. Carried.

Resolved that the Treasurer be authorized to rent rooms in Barnes Hall for the next year as follows, viz :

Room No. 1, \$2.25 per week.	Room No. 7, \$2.75 per week.
“ “ 2, 3.00 “ “	“ “ 8, 2.75 “ “
“ “ 3, 3.00 “ “	“ “ 9, 2.50 “ “
“ “ 4, 2.50 “ “	“ “ 10, 2.25 “ “
“ “ 5, 2.25 “ “	“ “ 11, 2.25 “ “
“ “ 6, 2.75 “ “	

The north rooms on main floor, including a tower bedroom, \$5.00 per week each. The above prices being for the rooms unfurnished, but including heat and ordinary care.

Moved and carried, That the sum of \$200 be added to the appropriation for insurance.

Moved and carried, That the sum of \$500 be added to the appropriation for printing and stationary.

Moved and carried, That the Treasurer be authorized to make an order for chemicals for use next year, the same to be charged to next year's chemical appropriation, to the amount of \$2,000.

The report of Messrs. A. B. Wood and F. P. Randolph fixing the value of the frame dwelling belonging to Professor I. P. Roberts, situated on the University Campus about 150 ft. east from the residence of Professor H. S. Williams, at \$664.98 was, on motion, accepted, and the above named sum appropriated for the purchase of said dwelling.

The communication from Professor I. P. Roberts asking that he be allowed the cost of a well located near the small dwelling east of Professor H. S. Williams' was, on motion, referred to the Chairman and Treasurer to examine and report.

A communication from Professor L. H. Bailey requesting that the Executive Committee establish a rate of rent for the small house east of H. S. Williams', and authorize repairs upon same to the amount of \$25, was, on motion, referred to the Chairman and Treasurer, with power.

The question of disposing of the several boilers belonging to the University not in use, was, on motion, referred to the Chairman and Treasurer with power.

The bill of Andrus & Church amounting to \$628.89 for printing 1000 copies part first of the Catalogue of White Library was, on motion, ordered paid.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., JUNE 7, 1889.

Present: Trustees Sage, H. W., Adams, Boardman, Tyler, Van Cleef and Williams.

Minutes of last meeting were, on motion, approved as printed.

The request of Dr. R. H. Thurston for leave of absence from the present time to the opening of the University in September, to enable him to attend the Paris Exposition, as a member of the International Jury was, on motion, granted.

The following was presented :

PRESIDENT'S ROOMS,
CORNELL UNIVERSITY,
ITHACA, N. Y., June 4, 1889. }

To the Executive Committee, Cornell University:

GENTLEMEN:—In accordance with the reports adopted at the last meeting of this Committee, I beg herewith to recommend the following appointments for the year 1889-90 :

Edwin Chase Cleaves, B.S., Associate Professor of Freehand and Mechanical Drawing—to be continued in his present position and salary for one year.	
Harris Joseph Ryan, M.E., Assistant Professor of Electrical Engineering—for one year	\$1400
Herbert Charles Elmer, A.B., Ph.D., Acting Assistant Professor of Latin	1400
Edward Everett Hale, Jr., A.B., Acting Assistant Professor of English.	1250
Edward Miles Brown, Ph.B., Acting Assistant Professor of English	1250
James McMahan, A.B., Instructor in Mathematics	1200

James Owen Griffin, Instructor in German	1000
Arthur Stafford Hathaway, B.S., Instructor in Mathematics,	1200
Courtney Langdon, Instructor in Romance Languages . . .	1000
Orrin Leslie Elliott, Ph.B., Instructor in English	1000
Eugene Henry Preswick, B.S., Instructor in Qualitative Ana- lytical Chemistry	1000
Rufus Anderson, M.E., Instructor in Mechanical Engineering and Foreman of the Machine Shop	1200
Charles Benjamin Wing, C.E., Instructor in Civil Engineering	1000
William Ridgely Orndorff, A.B., Ph.D., Instructor in General and Organic Chemistry	1000
Louis Monroe Dennis, Ph.B., B.S., Instructor in Chemistry	1000
Ludlow Eliakim Lapham, A.B., Instructor in French	1000
Duane Studley, B.S., Instructor in Mathematics	1000
George Egbert Fisher, A. B., Instructor in Mathematics	1000
Richard Francis Nelligan, Instructor in Gymnastics	1000
Herman Klock Vedder, C.E., Instructor in Civil Engineering	1000
Eugene West Manning, A.M., Ph. D., Instructor in Romance Languages	1000
William Angell Viall, Instructor in Practical Pharmacy	1000
Hiram Samuel Gutsell, B.P., A.M., Instructor in Drawing and Industrial Art	1000
Frank Melville Bronson, A.M., Instructor in Greek and Latin	1000
Walter Loring Webb, B.C.E., Instructor in Civil Engineering	1000
Harvey Daniel Williams, M.E., Instructor in Mechanical Draw- ing and Designing	1000
George Welton Bissell, M.E., Instructor in Sibley College	750
Benjamin Warner Snow, B.S., Instructor in Physics	1000
William Edward Simonds, Ph.D., Instructor in German	1000
James Wheat Granger, Instructor in Forging	750
William Henry Wood, Instructor in Woodworking	750
James Elijah Vanderhoef, Instructor in Moulding	750
Fred Clarkson Fowler, Mechanician, and Instructor in Physics	750
George Pollay, Instructor in the Wood Shop	600
Harry Ezra Smith, M.E., Instructor in the Machine Shop	750
Ernest Merritt, M.E., Instructor in Physics	750
Herbert Elmer Mills, A.M., Instructor in History	600
Willard Winfield Rowlee, B.L., Assistant Botanist	750
Mrs. Ellen K. Hooker, Principal of Sage College—at same sal- ary as last year.	
Vernon Freeman Marsters, A.B., Assistant to the Professor of Geology	400

AGRICULTURAL EXPERIMENT STATION.

Ed Tarbell, B.S., Assistant Agriculturist	750
William Parker Cutter, B.S., Assistant Chemist	750
Welton Marks Munson, B.S., Assistant Horticulturist	750
John Moore Stedman, B.S., Assistant Entomologist	750

Moved and carried, that the appointments recommended in the foregoing be made, at salaries stated.

Resolved, That the founder of Sage College be and hereby is respectfully requested to inquire and report whether, in his judgment, the time has come when the prices charged the students of Sage College may properly be raised to such a rate as will enable the Steward to defray the expenses of the house out of the income from the table, thus leaving the fees for room rents to be nearly or entirely devoted to an increase of the Sage College fund.

Moved and carried, that \$300, or so much thereof as may be necessary, be appropriated for a collation at Sage College immediately after the Commencement exercises, and that the Chairman and Treasurer be made a committee to make all arrangements for such collation.

The following was presented :

Whereas, The rapid increase in the number of students at the University has created demands for accommodations which it is impossible to supply without expenditures exceeding the income of the treasury ; and

Whereas, By the terms of the gift of the President White Library, the University will, in the near future be put under obligations to make additional annual appropriations for the department of History and Political Science ; and

Whereas, It is the desire of the Trustees of the University to keep the equipment and the instruction in harmony with the most enlightened demands of higher education in the best institutions of the country ; and

Whereas, It is the manifest duty of a university of this grade in all proper ways to foster in an especial manner the most advanced grades of instruction ; and

Whereas, In a growing university the number of professorships must in the nature of things from time to time be increased ; and

Whereas, The increasing income of the University at the present rate of tuition does not keep pace with the increasing demands made upon it ; and

Whereas, It is unsafe to suppose that the further sale of University lands will be more than sufficient to counterbalance the declining rate of income from the University investments ; therefore

Resolved, 1. That during and after the University year 1890-91 the annual tuition for students in the University be fixed at \$100; \$40 to be paid at the beginning of the first term, \$30 at the beginning of the second term, and \$30 at the beginning of the third term, the same to be duly announced in the University Register for 1889-90.

2. That from the additional income thus provided for, there be established a Professorship of History, the incumbent of which shall be known as the President White Professor of History, the same to be in accordance with the terms on which the President White Library was given to the University, and the professorship to be filled as soon as practicable after the completion of the University Library building and the transfer of the White Library to the White Library rooms.

3. That out of the additional income thus provided for, there be established two Fellowships in History and Political Science of \$500 each, the same to be in compliance with the terms of the gift of the President White Library ; these Fellowships to be permanently known as the President White Fellowships in History and Political Science.

4. That out of the additional income thus provided for, there be established six additional Fellowships of \$400 each, the incumbents to be chosen in accordance with the methods provided for in the statute establishing fellowships.

5. That from the additional income thus provided for, \$2,000 be annually set aside for what shall be known as the Publication Fund, the purpose of which shall be the publication of such theses and other Cornell University studies as shall be deemed by the proper authorities especially meritorious and conducive to the advancement of learning and the reputation of the University ; the administration of this fund to be entrusted to the Library Council.

6. That out of the additional income thus provided for, there be established a Professorship of Music, the incumbent of which shall receive during the first three years not more than \$2,500 a year, and not more than \$3,000 a year thereafter. The object of this Professorship is not to provide for giving private instruction at the expense of the University, but for the encouragement and development of choral and instrumental music, and the instruction of properly qualified University classes in the theory and history of the several branches of musical science and art.

Moved and carried, that the above be laid upon the table for the consideration of the Full Board.

Moved and carried, that the matter of exchanging one of the boilers in Sage College for the one in the President's house be referred to the Chairman and Treasurer, with power.

The committee, to whom was referred the request of Professor Roberts for an allowance for the well upon the property recently purchased from him by the University, recommended that the request be denied. On motion, the report of the committee was adopted.

A petition from the C. U. C. A. was presented, asking that the lower tower room in Barnes Hall be set apart for the use of the General Secretary of the Association, without charge. On motion the Secretary was instructed to reply that, as the tower rooms were designed to go with the north rooms on the main floor, it would be impracticable to grant their request.

A communication was presented from John K. Sparrell stating that he failed to receive any notification from the Superintendent of Public Instruction of his appointment to the State Scholarship, and asking that the tuition which he paid while ignorant of the fact that he had been appointed a State student, be refunded. Moved and carried that the Treasurer be authorized to refund the tuition paid by Mr. Sparrell, as requested.

On motion, \$100 was appropriated for music at the Woodford Speaking and Commencement Exercises.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., JUNE 13, 1889.

Present: Trustees Sage, H. W., Adams, Boardman, Lord, Van Cleef and Williams.

Moved and carried that the Treasurer be authorized to sell \$11,000 Warren County, Ill., bonds, at $2\frac{1}{2}$ per cent premium and accrued interest.

Moved and carried that appointments be made for the University year, 1889-90, as follows :

E. H. Woodruff, Instructor in English, at	\$1,000
J. E. Creighton, Instructor in Philosophy, at	1,000
G. A. Ruyter, Instructor in Romance Languages, at	1,000
H. N. Ogden, Instructor in Civil Engineering, at	750
Wm. B. Newbury, Instructor in Chemistry, at	750
A. P. Willis, Instructor in Freehand Drawing, at	600
H. Jessel, Assistant in Analytical Chemistry, at	500
G. S. Hopkins, Assistant in Anatomy, at	500

The following was presented and, on motion, adopted :

Whereas, The Board of Trustees at their meeting in October, 1888, directed the Executive Committee to formulate action limiting the exemption of graduate students from the payment of tuition fees to such as are actually pursuing courses of study leading to second degrees ; therefore

Resolved, That the Rule exempting graduate students from the payment of tuition fees be and is hereby amended by the addition of the following :

But exemption of graduate students from the payment of tuition fees shall be limited to such as, having been duly admitted by the

proper authorities as candidates for a second degree, are regularly pursuing the courses of study leading to such degree in accordance with the prescribed requirements of the proper faculty.

Moved and carried that appointments be made in the Library for the year 1889-90 as follows, viz.:

A. C. White, Assistant Librarian, in charge of shelf classification and numbering,	\$1,000
C. H. Hull, Assistant Librarian, in charge of catalogue,	780
Miss J. W. Brown, Cataloguer (inc. extra time)	630
Miss G. F. Van Dusen, Cataloguer. (11 mos.)	550
H. Austin, Delivery Assistant,	480
C. H. Parshall, Delivery Assistant, (9 mos.)	360
C. F. Lashier, Janitor,	432

Moved and carried that Acting Professor S. B. Newbury be reappointed to his present position and salary for a term of two years.

Moved and carried that Mr. A. H. Grant be reappointed Registrar for one year at a salary of \$1,000.

Moved and carried that Mr. H. E. Mills be reappointed Assistant Registrar for one year at a salary of \$400.

Moved and carried that the settlement of Mr. Sweetings contract for foundation of Library Building, be referred to the Chairman of the Board with power.

Moved and carried that the right to connect with the Sage College sewer on the part of Professors on the Campus, be granted upon condition that the professors connecting with said sewer be required to bear a pro ratio amount of the expense of repairing the sewer and that all connections be made subject to the inspection and approval of Professor Morris.

The Treasurer reported that the Andrews Mfg Co. proposed to make an allowance of \$50 on their bill for Barnes Hall chairs, for failing to place the chairs according to contract. Moved and carried that their proposition be accepted.

Adjourned,

E. L. WILLIAMS, Secy.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., JUNE 19, 1889.

Present: Trustees Cornell, Adams, Draper, Tyler, Sibley, Woodford, Lord, Williams, Van Cleef, Boardman, Sage, H. W., Salmon, and Barnes.

Resolved, That the record of the meeting of this Board held Oct. 24th, 1888, be amended by omitting the resolution designating the Physical and Chemical Laboratory as Lincoln Hall. Carried.

Moved and carried, that the minutes of this Board and of the Executive Committee, as printed and amended, be, and the same are hereby approved.

President Adams stated that he had considered it best to postpone the presentation of his Annual Report until the Fall meeting of the Board, and in lieu of such report made some general remarks upon the work of the University during the past year, and upon the condition and needs of the various departments.

An intermission of fifteen minutes was here taken to receive and welcome the Auburn Board of Trade, who were visiting the University.

WHEREAS, The demands upon the President for active executive duties are such that it is believed to be impossible for him longer to devote himself personally to the duties of the Professorship of History;

Resolved, That a special committee, consisting of the President of the University, the Chairman of the Board of Trustees, and the Dean of the Law School, is hereby requested to consider and report at a future meeting of this Board, a plan for the revision of the Department of History, and such other recommendations as may seem to them wise, for the best interests of the University, in relation to that subject. Carried.

Resolved, That the acts of the Executive Committee of this Board, as they appear upon the printed record, be, and the same are hereby ratified and confirmed.

Resolved, That during and after the University year 1890-91, the annual tuition for students in the University be fixed at \$125 ; \$50 to be paid at the beginning of the first term ; \$40 at the beginning of the second term ; and \$35 at the beginning of the third term, the same to be duly announced in the University Register for 1889-90. Carried.

The list of degrees recommended by the General Faculty, the Faculty of the School of Law, and the Faculty of the School of Pharmacy, to be conferred at the twenty-first Annual Commencement, was presented, and, on motion, approved and the degrees ordered conferred, as recommended.

Resolved, That the University Building, now known as the Chemical and Physical Laboratory, be, and the same is hereby designated, and shall hereafter be known as Franklin Hall, in honor of Benjamin Franklin, the first American electrician. Carried.

Resolved, That the new building, recently erected for the Engineering and Architectural departments, be known and designated as Lincoln Hall, as an honorary memorial to President Abraham Lincoln, by whose approval the act of Congress donating public lands for Agricultural and Mechanical education became a law. Carried.

Resolved, That the new laboratory now in progress for the accommodation of the Chemical department be designated as Morse Hall, in honor of Professor Samuel Finlay Breese Morse, whose practical application of electro-magnetism was an important incident leading to the foundation of the Cornell University. Carried.

Resolved, That the Committee on Buildings be authorized and requested to cause to be placed in or upon the several University buildings appropriate tablets bearing the names of the several edifices and the significance of the respective names. Carried.

Moved and carried, That the Board proceed to the election of two Trustees in place of Stewart L. Woodford and Hiram W. Sibley, whose terms have expired. Upon ballot duly had, Stewart L. Woodford and Hiram W. Sibley received twelve votes each, and were declared unanimously elected for a term of five years.

Resolved, That the President of the University and the Chairman of the Board of Trustees be a standing committee to supervise the publication of the annual Register of the Cornell University. Carried.

On motion the Board adjourned until 3 o'clock.

Upon reassembling, the following was presented and adopted :

Resolved, That there be and is hereby appropriated for works supplementary to the collection of historical books and works illustrative of history already secured by the University, the sum of two thousand dollars, it being agreed with Andrew D. White that said sum is one half of a sum of four thousand dollars of which he shall have expended from his own resources the other half before the close of the approaching University year, exhibiting vouchers therefor satisfactory to the Auditing Committee of the University.

Resolved, That the President of the University, as the head of the Department of History, Mr. George L. Burr, as Assistant Professor of History, and Andrew D. White, as the former head of said department, are hereby made a committee to select and secure, to the amount herein authorized, such works as they shall judge most useful to the Department of History and to the University.

The petition of Professors W. T. Hewitt and H. S. White for an increase of salary, was, on motion, laid on the table.

The special committee appointed to report upon the department of English submitted the following :

The Committee on Ancient and Modern Languages, to whom was referred the matter of inquiring into the condition of the department of English, with reference to making such adjustments as may to them seem wise, in view of Professor Corson's absence for the coming year, beg leave to make the following report :

The absence of Professor Corson will require that provision be made for instruction in higher English Literature and in Rhetoric for such classes as Professor Corson has heretofore had charge of.

To meet this necessity the Committee recommends, in accordance with the suggestion of President Adams, the appointment, for one year only, of Mr. Brown, now in Germany, at a salary of twelve hundred and fifty dollars, with the title of Acting Assistant Professor.

And the committee also recommends the appointment, for one year only, of Mr. Hale, now Instructor in the English department, at a salary of twelve hundred and fifty dollars, with the title of Acting Assistant Professor.

In order to provide additional instruction in Rhetoric made necessary by the foregoing recommendation concerning Mr. Hale, and the restriction of Professor Smith to the department of Elocution as hereinafter proposed, the committee recommends the appointment, for one year only, of Mr. Emerson as Instructor in the department of Rhetoric, at a salary of seven hundred and fifty dollars, who in conjunction with Mr. Elliott will give instruction more especially to the

Freshmen and Sophomores ; and that Mr. Woodruff, who heretofore has given instruction to the two lower classes, for the coming year give instruction, more especially, to the Juniors in Rhetoric, and that his salary be fixed at one thousand dollars.

This committee further recommends the restriction of Professor Smith to the department of Elocution ; but if he can do so without allowing the department of Elocution to suffer thereby, that he be permitted to give a course of lectures in Journalism not exceeding two hours a week, and that those students who take the course of lectures in Journalism shall not for that reason be excused from instruction in the regular course in Rhetoric.

The Committee further advises, that at the proper time, there be such a re-organization of this department of English Literature and Rhetoric as will relieve Professor Corson from the drudgery attending the instruction given in Rhetoric, so that he may be allowed to confine himself, in a large measure, to the instruction in higher English Literature, for which he is so eminently qualified.

The Committee further reports that to carry out the foregoing recommendations there will be an additional expense to the University, not exceeding one thousand dollars.

All of which is respectfully submitted.

CHARLES M. TYLER,
H. B. LORD,
M. VAN CLEEF.

Dated, Ithaca, N. Y., April 22, 1889.

Moved and carried, that the above report be accepted, and spread upon the minutes.

Resolved, That the Executive Committee be requested to consider the advisability of revising the salary list of the University, with a view to some modification of its present burdens on the Treasury of the University. Carried.

The following was offered, and on motion, laid on the table :

Resolved, That beginning with the University year of 1890-91, the requirements for admission to the School of Law be at least equivalent to the requirements for admission to the general courses in the University.

Resolved, That beginning with the University year of 1890-91, the length of the course in the School of Law extend over a period of three years for such students as are not college graduates, and that for college graduates the course be two years.

Adjourned.

W. R. HUMPHREY, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., JUNE 22, 1889.

Present: Trustees Sage, H. W., Adams, Van Cleef, Tyler, Lord, and Williams.

Moved and carried, that a Committee, consisting of Mr. Lord, President Adams, and Professor Roberts, be appointed to investigate and report as to the proper adjustment of the receipts of the Agricultural Experiment Station, and as to the advisability of charging the station rent for use of buildings, land, etc.

Moved and carried, that the Treasurer be authorized to permit the Director of the Agricultural Experiment Station to draw against the credits to the Station account.

Moved and carried, that the salaries of Instructor W. W. Rowlee, and Assistants J. M. Stedman, W. M. Munson and W. P. Cutter be increased to \$1,000 per annum.

Moved and carried, that the question of paying the gardener in the Horticultural Department of the Agricultural Experiment Station from the University funds be referred to the special committee above appointed.

Moved and carried, that the Chairman and Treasurer be authorized to accept bids for the erection of the Chemical Laboratory Building which shall be satisfactory to them, within the limit fixed by the Board, and to execute necessary contracts for same.

Moved and carried, that the unexpended balance of the Steam Heating appropriation be held for the further action of this Committee.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., JULY 11, 1889.

Present: Trustees Sage, H. W., Boardman, Adams, Sage, Wm. H., Van Cleef, and Lord.

Minutes of last meeting were, on motion, approved as printed.

The following letter of resignation was presented :

WILBRAHAM, Mass., June 24, 1889.

To the President of Cornell University :

SIR—Having been elected President of Brown University, I hereby beg to tender, through you to the Trustees of Cornell University, my resignation as Professor of Political Economy and Finance in that institution, hoping that the same may be accepted at the earliest convenient date. I wish to assure the Trustees that this act springs from no diminution of interest on my part in Cornell University, or failure to appreciate the distinguished honor done me by them in electing me to the post which I now resign ; but from a conviction which has been forced upon me, that in the new field to which I am called, I can be more serviceable to the cause of higher education than I could possibly be at Cornell.

Very respectfully,

E. BENJ. ANDREWS.

Resolved, That the resignation of Professor E. B. Andrews as Professor of Political Economy and Finance, be, and is hereby accepted.

Resolved, That in accepting the resignation of Professor Andrews, we desire to express our unreserved satisfaction with the manner in which he has discharged the duties of the professorship here, our sincere regret that Cornell University is to be deprived of his ability and skill as a teacher, and our cordial good wishes for his success and happiness in the new and responsible position to which he has been called. Carried.

The following resolution was presented, and on motion, laid on the table until the next meeting :

Resolved, That Mr. Frank H. Hodder, Ph. B., be, and hereby is appointed Assistant Professor of Political Economy and Finance for one year, at a salary of eighteen hundred dollars.

Resolved, That in view of the vacating of several of the rooms in White and Morrill Halls, the Committee on Buildings and Grounds, together with the Treasurer, be, and are hereby authorized to cause such changes to be made as may be necessary to adapt such rooms to the future needs of the University, it being understood that the expense involved in such changes be defrayed from the appropriation made at the beginning of the year for repairs. Carried.

A letter from the President and Secretary of the Auburn Board of Trade, thanking the President and Trustees of the University for the courtesies extended to them on the occasion of their recent visit to Ithaca, was read and ordered on file.

Moved and carried, that \$800, or so much thereof as may be necessary, be appropriated for fitting up the architectural rooms in the Engineering and Architectural Building.

The following report was presented, and on motion, adopted :

To the Executive Committee of the Board of Trustees of Cornell University :

GENTLEMEN—Some time since a communication, addressed to the President of the University by Prof. Dudley, requesting his promotion to a full professorship in the Botanical Department, was referred by the President to the Committee on the Natural Sciences to examine into the matter and to report thereon.

In accordance therewith the Committee have had personal interviews with both Prof. Prentiss, the Dean of the Department, and Prof. Dudley, and after a careful consideration of the questions involved in Prof. Dudley's communication, the Committee beg leave to submit the following report :

In arriving at their decision they do not overlook the fact of the long term of service of Prof. Dudley in the University, or the superior excellence of his work in his department.

They recognize that he has, by his careful and intelligent methods, aided largely in building up the Botanical Department to its present state of efficiency.

They also recognize that his publications have been warmly received by the botanists of the country, and that they have done both himself and the University great credit. These considerations in themselves commend his application to favorable consideration.

Notwithstanding them, however, the Committee, without doing violence to the established policy of the University, are not prepared at the present time to recommend the establishment of another full professorship in the Botanical Department. Other considerations also enter into the decision of the Committee.

This action would necessarily entail an increased expense for the teaching force in this Department, as well as other expenditures which would naturally follow its division.

The Committee believe that the efficiency of the Department can be best maintained with a single head, and that the interests of the University will be promoted by continuing its settled policy in this respect.

All of which is respectfully submitted.

M. VAN CLEEF, Chairman.

Dated June 19, 1889.

Moved and carried, that the Treasurer be authorized to make loans, \$3,000 each, to Professors Hutchins and Bailey upon the cottages which they are erecting upon the University Campus upon the usual terms and conditions.

A communication from Professor Bailey in regard to the erecting of a Potting Shed, or work room, in connection with the forcing-house, was, on motion, laid upon the table.

Moved and carried, that \$800, or so much thereof as may be necessary, be appropriated for grading the walks about Lincoln Hall.

A request from Professor Burdick, asking permission to lower the grade of South Ave., and to use the earth in making a drive-way across the ravine on his lot, was, on motion, referred to the Chairman of the Board, with power.

A report of Professor Thurston upon the heat, light and power plant was received, and laid upon the table for future consideration.

The plans and specifications for proposed changes at the Gymnasium were, on motion, referred to Wm. H. Sage, and Mr. Van Cleef to examine and report.

Moved and carried, that \$1,500 be appropriated for the payment of the balance of the architect's fees for Morse Hall, and that the Treasurer be authorized to make the architect a payment of \$1,000 when the contracts are signed, and the balance, \$500, when the building is completed.

Moved and carried, that Horace I. Smith be, and is hereby appointed superintendent of construction of Morse Hall, pay to begin when assigned to duty by the Chairman of the Board.

Moved and carried, that the Treasurer be requested, at his convenience, to make a business trip in the West.

Mr. Van Cleef, on behalf of the Committee appointed to consider and report to the Executive Committee such recommendations as may to them seem wise in regard to an athletic ground, reported that after a careful examination of all the available land belonging to the University farm, they were not able to find a level tract large enough for the desired purpose, but that, through the generosity of Mr. William H. Sage a field of about nine acres, located just north of Fall Creek, at the entrance to the Gorge, had been secured at a cost of \$2,500.

Moved and carried that the report of the Committee be accepted.

On motion, it was

Resolved, That the thanks of this Board are due to Mr. William H. Sage for his generous gift in providing suitable and commodious athletic grounds for the use of the students of the University.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., JULY 15, 1889.

Present: Trustees Sage, H. W., Van Cleef, Lord, Boardman, Adams, and Sage, Wm. H.

Minutes of last meeting approved as printed.

The following letter was presented :

ITHACA, N. Y., July 15, 1889.

To the Executive Committee of Cornell University :

GENTLEMEN :—

The cost of the Library Building, as per Mr. Collingwood's bids, will be	\$190,400
Exclusive of stacks,	24,432
Foundations already built, about	4,500
Plumbing,	550
	<hr/>
	\$219,882

Above last three items being a part of the cost of the building without furniture or equipment.

I have already agreed to pay \$200,000 on account of the building, which is to be a free gift if we fail to collect the Jennie McGraw bequest, and I desire to add to it \$19,882,—the above mentioned items of additional cost of the building, in case it should be my lot to pay for and present it to the University.

Very truly yours,

H. W. SAGE.

The Hon. H. W. Sage having given notice that he will give the sum of \$19,882, in addition to the \$200,000 heretofore promised by him for the erection of a Library Building, and upon the same condition ;

Resolved, That the Executive Committee on behalf of Cornell University, tender to the generous donor renewed thanks for this additional evidence of his bounty, good will and confidence. Carried.

The following report was presented :

The Committee on the Library Building beg leave to report that they have had the matter submitted to them under careful advisement, and have had the completed plans of the architect subjected to competition. Bids by five responsible contractors have been offered, ranging from about \$220,000 to about \$275,000, exclusive of furniture. The lowest bid is by William D. Collingwood, of Buffalo, for \$190,400, for masonry, carpentry and iron work, exclusive of the iron in the book stacks. We recommend that the bid of Mr. Collingwood be accepted, and that the Chairman of the Board be authorized to close the agreement, and to sign the contract in the name of the Executive Committee, for the University. Also that the Chairman be authorized to make such other contracts as may be necessary to facilitate the early completion of the building.

C. K. ADAMS,
H. B. LORD,
H. W. SAGE.

On motion, the foregoing report, with recommendations contained therein, was accepted and adopted.

Moved and carried, that the Committee on Buildings and Grounds be authorized to use the unexpended balance of the steam heating appropriation in changing pipes at the Armory and Barnes Hall, and in returning the water from Lincoln Hall to the boilers.

The committee appointed to report upon changes at the Armory, reported that an entire new floor was unnecessary, and recommended the repairing of the present floor.

On motion, the report of the committee was adopted, and the Treasurer authorized to make the necessary repairs.

On motion, adjourned until to-morrow, the 16th inst., at 4 p. m.

ITHACA, N. Y., July 16, 1889.

Committee met as per adjournment.

Present: Trustees Sage, H. W., Boardman, Adams, Van Cleef, and Lord.

The resignation of Mr. R. Anderson as Instructor in Mechanical Engineering and Foreman of the Machine Shop, to take effect Sept. 1st, 1889, was presented, and on motion, accepted.

Mr. L. M. Dennis having declined the re-appointment to the Instructorship in Chemistry, it was moved and carried that Dr. John A. Miller be appointed Instructor in Chemistry in place of Mr. Dennis, at a salary of \$1,000 per annum.

Mr. H. Jessel having declined the appointment as Assistant in Analytical Chemistry, it was moved and carried that Mr. H. Snyder be appointed Assistant in Analytical Chemistry in place of Mr. Jessel, at a salary of \$500 per annum.

On motion, *Resolved*, That the salary of Lieut. Herbert E. Tutherly be fixed at \$300 per annum, and that in addition thereto he be given the rent of the house recently occupied by Professor Andrews.

Moved and carried, that the President be authorized and requested to assign such additional duties outside of the Military Department, to Lieut. Tutherly as may be agreed upon between them.

Moved and carried, that \$500 be appropriated for non-resident lecturers during the year 1889-90, the same to be expended under the direction of the President.

The following resolution, presented at the meeting of July 11th, was taken from the table and, on motion, adopted, viz. :

Resolved, That Mr. Frank H. Hodder, Ph.B., be and hereby is appointed Assistant Professor of Political Economy and Finance, at a salary of \$1,800.

Moved and carried, that the Treasurer be authorized to make a contract for the *Register* for next year, same size and edition as for the current year.

Adjourned, E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Sept. 20, 1889.

Present: Trustees Sage, H. W., Sage, Wm. H., Boardman, Adams, Van Cleef, and Tyler.

Moved and carried, That Mr. Charles S. Fowler be and is hereby appointed Instructor in Mathematics for one year, at a salary of \$750.

Moved and carried, That the resignation of Mr. W. E. Simonds as Instructor in German be accepted.

Moved and carried, That the resignation of Mr. Rufus Anderson as Instructor and Foreman in the Machine Shop be accepted.

Moved and carried, That the resignation of Mr. Harry E. Smith as Instructor in the Machine Shop be accepted.

Moved and carried, That Mr. Theodore Henckels be re-appointed Instructor in German for one year, at a salary of \$1,000.

Moved and carried, That Mr. Wm. Mason Towle, B. S., be and is hereby appointed Foreman of the Machine Shop at Sibley College for one year, at a salary of \$1,200.

Moved and carried, That Mr. Fred. Chesebrough be and is hereby appointed Instructor in Mechanic Arts for one year, at a salary of \$600.

Moved and carried, That the recommendation of Professor Thurston contained in his communication of Sept. 15th, in regard to registering students in the Mechanic Arts Course, be and the same is hereby approved.

Moved and carried, That the unexpended balance of the Mechanical appropriation on July 31st last, be and the same is hereby reappropriated to said department.

A communication from Professors Fuertes and Babcock in regard to janitors at Lincoln Hall, was, on motion, referred to the Committee on Applied Science with power.

A communication from Professor Fuertes in regard to a flag walk from Lincoln Hall to the Observatories, was referred to the Committee on Applied Science to report.

The application of Mr. F. E. Illston for a lease of a lot near Beebe's Dam upon which to erect an ice house, was, on motion, referred to Mr. Wm. H. Sage to report.

On motion, permission was granted the foot-ball team to play foot-ball on the north side of President's Avenue during this fall.

Moved and carried, That the Treasurer be authorized to re-pay Professor E. B. Andrews the amount paid by him for gas fixtures, walks and stationary wash-tubs at the Flagg house, viz., \$97.49.

Moved and carried, That the Treasurer be authorized to offer the Board of Supervisors of Warren Co., Ill.. \$10,000 Warren Co. 8 per cent. bonds upon a 4½ per cent. interest basis.

Moved and carried, That the Treasurer be authorized to loan Mr. H. H. Wing \$2,000 upon the cottage which he has erected upon the campus, upon the usual terms and conditions.

Moved and carried, That the Treasurer be authorized to employ a janitor for Barnes Hall.

On motion, *Resolved*, That the Treasurer of the University be authorized to make payment to the Kansas Loan and Trust Co., of Topeka, Kan., for any of their mortgages hereafter approved by the Finance Committee, upon the arrival of the bond and mortgage duly recorded, provided that the said Kansas Loan and Trust Co. first file with the Treasurer of the University a satisfactory bond for \$50,000, guaranteeing that the title in all loans so paid for shall be perfect in the borrower, and the loan a first lien on the property described therein, until such time as the proper abstracts shall be filed with and approved by the University.

Moved and carried, That Wednesday, Oct. 30th, 1889, be fixed as the date for holding the Fall meeting of the Board of Trustees.

Adjourned,

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 10, 1889.

Present: Trustees Sage, H. W., Adams, Lord, Van Cleef, Sage, Wm. H., and Williams.

Minutes of last meeting were, on motion, approved as printed.

Moved and carried, that the Committee on Buildings and Grounds be authorized to locate and define the boundaries of the lot granted to Professor E. L. Nichols, and that when the boundaries of said lot are so defined, the Treasurer, be, and is hereby authorized to make Professor Nichols a loan of \$3,000, upon the usual terms.

Moved and carried, that the resignation of G. E. Fisher, as Instructor in Mathematics, be accepted.

Moved and carried, that Mr. W. G. Rappleye be appointed Instructor in Mathematics for one year, at a salary of \$750.

Moved and carried, that the Treasurer be authorized to rent one of the north rooms on main floor of Barnes Hall to Miss Caroline Swartout, for use as a school room for Professors' children.

On motion, *Resolved*, that in view of the large demands upon the University treasury, this Committee does not deem it wise to attach a salary to the office of Secretary of the Faculty.

On motion, *Resolved*, that the communication from the Faculty, under date of June 6th, 1889, in regard to the printing and distribution of the minutes of all general legislation of the Faculty, be laid upon the table.

Moved and carried, that the following described buildings and land be assigned to the Horticultural Department, and placed under the charge of Professor Bailey, viz :—

The south barn and grounds immediately adjoining it.

The small gardener's cottage near Professor H. S. Williams'.

All that portion of land, except a small portion to be agreed upon

by Professors Bailey and Prentiss, bounded on the east by a road leading from the north barn to the south barn, on the north by land occupied by Ex-President White, on the west by lots occupied by Professors White and Williams, and the intermediate lots, and on the south by the road leading to the E. C. & N. R. R. station.

All of the cultivatable land, not occupied by lots, lying between the last-mentioned road, Eddy's Dam, and the Cascadilla Creek.

All the unoccupied land lying immediately west of Central Ave., and opposite the Gymnasium, and south of the road leading to Mr. F. C. Cornell's, this being the land known as the south University apple orchard.

Moved and carried, That the salary of Acting-Librarian G. W. Harris, be increased to \$2,400, to date from the beginning of the present collegiate year.

The recommendation of the Agricultural Experiment Station Council, that \$750 of the current year's appropriation be set aside for building purposes, and that so much of this appropriation as may be necessary to repair the heating apparatus, and provide outside sash for four windows, be appropriated to the department of Entomology, and that the remainder be appropriated to the department of Horticulture, was, on motion, approved.

The special committee to whom was referred the question of the disposition of moneys received from the sale of produce raised on land used by the Experiment Station, and the request on the part of the Professor of Horticulture, that the salary of the gardener employed by him be paid by the University, submitted a detailed report, containing the following recommendations :

First, that the disposition of the sums accruing from the sale of the products of the lands, (which in the opinion of the Professor of Agriculture are never likely to exceed \$200 per annum,) used for experimental purposes, be left to the discretion of the Director of the Station, who best knows in each particular case all proportionate contributions of the Station and University to the labor and expense of producing them.

Second, that all moneys earned by the Experiment Station team be paid over to the Treasurer, for the use of the Experiment Station.

Third, that the salary of the gardener (\$40 per month,) employed in the Horticultural department, be hereafter assumed and paid by the University.

Moved and carried, that the report of the committee be placed on file, and that the recommendations contained therein be approved and adopted.

Moved and carried, that the Professor of Physics be authorized to recommend for appointment an additional instructor in Physics, at a salary of \$750.

On motion, *Resolved*, that the magnificent collection of photographs and copper plate engravings, presented by Professor Fuertes to the Civil Engineering Department of Cornell University, be accepted, and that the thanks of this committee be conveyed to Professor Fuertes for his generous donation.

Moved and carried, that the President and Secretary be authorized to sign and transmit the usual annual report to the Board of Regents.

The following report was presented, and, on motion adopted :

The Committee on Applied Science, to which was referred, with power, the application of Professor Fuertes for sidewalk, and of Professors Fuertes and Babcock for janitor, advise,

First, that whenever the flag sidewalk, now laid between the old C. E. building and Central Ave., can be dispensed with, it should be relaid in a more direct line between the new C. E. building and Central Ave., and that the surplus flag stones be used upon a walk from east side of C. E. building, running south to connect with sidewalk near the observatory

Second, that the Civil Engineering and Architectural building be provided with an additional janitor, and that the heads of departments in that building be permitted to employ students, temporarily, to supplement the janitors, if found necessary to keep building in proper order. The cost of such student labor to be taken from funds appropriated to the departments, but reported separately from other expenses of the departments.

The committee has stated to the Dean of the Department of Civil Engineering, that it does not advise regarding the matter of employing a mechanician for the laboratory.

ITHACA, Sept. 27, 1889.

GEO. R. WILLIAMS,

H. W. SAGE,

H. B. LORD,

Committee on Applied Science.

Moved and carried, that the Committee on Buildings and Grounds be directed to change the walks from the old Engineering building, as recommended in the foregoing report, as soon as practicable.

Moved and carried, that the Cornell Chapter of Alpha Delta Phi be granted the use of the Armory for the purpose of giving a ball on Monday evening of next Commencement Week, upon the usual terms and conditions.

A communication from Director R. H. Thurston in regard to one of the Sibley Prizes awarded to Mr. C. W. H. Blood last year, was referred to President Adams, with power.

Moved and carried, that Judge Alfred C. Coxe be appointed non-resident lecturer in the Law School for the current year.

Moved and carried, that the Treasurer be instructed to transfer the insurance upon the contents of the old C. E. Building to the contents of Lincoln Hall.

The Committee to whom was referred the application of F. E. Illston for a lot near Beebe's Dam, upon which to erect an ice house, reported in favor of leasing Mr. Illston a lot at an annual rental of \$25.

Moved and carried, that the report be laid on the table.

Adjourned.

E. L. WILLIAMS,
Secretary.

Handwritten notes:
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Mrs
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CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Oct. 30, 1889.

Present—Trustees Cornell, Adams, Wood, Tyler, Lord, White, Williams, Van Cleef, Boardman, Sage, H. W., Sage, Wm. H., Salmon, Barnes and Hiscock.

Letters from Trustees Woodford, Parker, Jordan, and Sibley, regretting their inability to be present, were presented and placed on file.

The minutes of the Board of Trustees and of the Executive Committee from June 19th last were, on motion, approved as printed, and the acts of the Executive Committee ratified and confirmed.

The President's Annual Report was presented and placed on file.

The Treasurer's Annual Report was read and, on motion, accepted.

The following report of the Land Committee was read and, on motion, accepted and ordered spread upon the minutes.

REPORT OF LAND COMMITTEE.—OCT. 30, 1889.

To the Trustees of Cornell University:

The undersigned have the honor to report :

The sales of Land and Timber from Aug. 1, 1888, to Aug. 1, 1889, were 437 $\frac{5}{10}$ acres farm land; average price, \$10.52		\$ 4,605 00
Timber, 30,874,000 ft. from 8,799 $\frac{8}{10}$ acres land; average, \$5.45 per M.		168,203 86
On roadway between Sec. 29 and 32—27, 1 E.		14 30
Received for trespass		188 74
Received for hay		68 97
		<hr/>
Total sales		\$ 173,080 87
Total previous sales to Aug. 1, 1888, as per our report, Oct. 23, 1888, (less sundry land and timber contracts charged back,)		4,747,666 88
		<hr/>
		\$4,920,747 75

We have yet unsold :

In Wisconsin	157,167.92
Minnesota	5,173.42
Kansas	320.00

162,661.34 ac.

Timber—In Wisconsin, on 70,075.38 acres land . . .	136,952,000 ft.
“ 13,812.48 acres, once cut . . .	6,969,000
8,994.74 farm lands . . .	14,000

64,285.32 acres are cut-over lands, with no pine.

Total timber 143,935,000

The value of this Timber is not less than \$4.50 per M.

at this date, or \$ 657,707 50

Which is last year's valuation, with about 6 per ct added.

LAND VALUES.

5,173.42 acres farm land in Minnesota, at \$8.00 . . .	\$ 41,387 36
320 acres in Kansas, at \$3.00	2,560 00
24,900 acres, Penoka group, Wisconsin ; pine all sold, but heavily timbered with hard wood, and a por- tion underlaid with iron ore, at \$5.00 per acre . .	124,500 00
28,971 acres good farm land, at \$6.00 per acre	173,826 00
102,797 acres, on which is the standing pine—some underlaid with iron,—hard wood, all standing.	
We estimate this : 41,166 acres at \$3.50 }	267,343 00
61,631 “ \$2.00 }	

Total value \$1,267,323 86

Our estimate of these properties last year was \$1,348,085 50

And our sales from them for the current year 173,080 87

\$1,175,004 63

Valuation above, this year 1,267,323 86

Which shows excess \$ 92,319 23

Or about 7 per cent. over that of 1888.

The timber will produce more than our estimate. The land will go slow, but we think the whole may be safely relied on in the next ten years for the cost of carrying, and 3 per cent. annual interest in excess of this valuation.

The total product of the land grant to this date (or

Aug. 1, '89) has been \$4,920,747 75

To which add value of timber and land yet unsold . . 1,267,323 86

And we have \$6,188,071 61

as the probable total when all is finally disposed of.

It is to be hoped that within the ten years' extension granted by the State (from Aug. 4, 1886, to Aug. 4, 1895), the whole of this trust may be closed. Whether the State will then take the whole fund

and pay us upon it 5 per cent. forever, complying thus with the spirit of the Land Grant Act, we have yet to learn. Possibly the result of the suit now pending in United States Court with Fiske and the McGraw heirs, may change our relations to the State. If we lose the Jennie McGraw fund, we shall perhaps own all proceeds of the Land Grant, subject to some possible embarrassments. If we do not lose it, our relations with the State will be those originally established by the Land Grant act and the act of our legislature accepting the gift from Congress. Thus far, while we have always had our doors open to receive and give free education to 512 students annually, thus performing all our obligations to the State, she has been tardy and unjust in performing hers to us. The cash now in her treasury, (about \$473,000), has paid us less than $4\frac{1}{4}$ per cent. for many years. We have recently taken measures to learn what other States have done for education with the proceeds of their Land Grants. Reports received from official sources in sixteen States show that not one has paid less than 5 per cent. upon the fund.

Texas	pays over 6	per ct.	
Pennsylvania	6	"	secured by State bond.
Oregon	over 5	"	
Nevada	5	"	
Massachusetts	over 5	"	
North and South Dakota .	6	"	
Wisconsin	5	"	
North Carolina	6	"	
Connecticut	5	"	
Tennessee	6	"	
Vermont	6	"	
Michigan	7	"	
Missouri	5	"	
New Hampshire	6	"	
Alabama	5	"	

Seven pay 6 per ct., seven pay 5 per ct., one pays 7 per ct.

These payments are without diminution. Should New York do less? Let us hope that the time may come when we shall have decision from United States Court based on justice, which shall give us the Jennie McGraw bequest, and from this State a fair and complete performance of her part of the contract with us!

Whatever result may be the outcome of present complications, the University is now established upon an enduring basis. We cannot know how almost wholly we have been indebted to the wisdom and statesmanship of Ezra Cornell in his arrangements with the State to let him sell 512,000 acres of the land, without admiration and gratitude for the breadth and solidity of the financial basis he laid for us. His undertaking was to carry the land twenty years—from Aug. 4, 1866, to Aug. 4, 1886. Within that time to sell it and return all pro-

ceeds (less his actual expenses) to the treasury of the State. He hoped at that time to create a fund of two and one-quarter millions for the benefit of the University. He died in 1874, after expending \$576,953 of his own cash to carry the land, after which it was carried by the University to June, 1881, in all nearly fifteen years, at a further cost of \$418,300,—making in all a cost of \$995,253,—and the total outcome to that date was less by \$3,301.69 than the actual cash cost of carrying it. It was a most discouraging labor, and seemed for a time to be utterly hopeless. The University was at that time very poor. Professors were paid \$2,000 per year, and the Trustees could not pay even those beggarly salaries without creating a large debt. At one time \$155,000 of such debt was paid from their pockets. Nearly all the available funds were in the Land Grant. Had any one offered a million for it at that time, a majority vote of the Trustees would probably have sold it. We had by actual count 320 students. The prospect ahead was dark enough. But our dark days were nearly over. In August, 1881, we sold \$480,000 of land at one sale, and by August 1st, 1886, three days before the twenty years expired, our total sales were \$3,881,764.19, far in excess of Mr. Cornell's wildest dream, and to August 1, 1889, the total sales—added to value of land yet unsold—are \$6,188,071.61. We have had since August, 1881, \$3,928,796.44 in solid cash, or its equivalent, in productive securities, poured into our treasury. All this in eight years. What wonder that we have felt the impulses of such prosperity; that we have had power to increase the pay of our Professors, as well as their numbers, and ability to build houses, to increase equipments, and thus by wise use of all, and by deserving it, to command public patronage! We have secured large benefits from others, in buildings and endowments, in cash, in personal service. But to whom above all others do we owe the largest debt of love and gratitude for our present and prospective prosperity? To Ezra Cornell,—now sleeping peacefully in yonder chapel; to his purpose, faith and hope, and under God to the officers and Faculty of the University, working to establish that he so grandly founded!

H. W. SAGE,
D. BOARDMAN.
E. L. WILLIAMS.

The Committee on Appropriations presented the following report :

To the Trustees of Cornell University :

GENTLEMEN :

The Committee on Estimates and Appropriations beg leave to

recommend the following appropriations for the current year,
1889-90 :

Advertising,	\$ 1,000 00
Department of Agriculture,	6,625 00
Anatomical Department,	1,500 00
Department of Architecture,	900 00
Bell Ringing,	200 00
Department of Botany,	1,900 00
Care of Buildings,	3,500 00
Care of Grounds,	2,000 00
Department of Chemistry,	6,500 00
Department of Civil Engineering,	3,550 00
Contingent,	4,800 00
Dean Sage Sermon Fund,	2,000 00
Department of Entomology,	654 00
Electric Lighting,	225 00
Fuel,	6,000 00
Department of Geology,	175 00
Department of German,	200 00
Department of Greek,	108 00
Insurance,	1,750 00
Department of Latin,	288 00
Law Library,	500 00
Library,	15,852 00
Mechanical Department,	7,000 00
Military Department,	300 00
Department of Physical Culture,	500 00
Department of Physics,	2,700 00
Printing and Stationery,	2,000 00
Register,	1,700 00
Repairs,	6,000 00
Sage Chapel Expense,	400 00
Sage Fund,	8,000 00
Salaries,	171,600 00
Scholarships and Fellowships,	8,000 00
Sibley Prize,	100 00
Students' Loan Fund,	500 00
White Veterinary Prize,	30 00
Water Works,	400 00
Class of '86 Memorial Prize,	35 00
Mrs. A. S. Barnes Shakespeare Prize,	60 00
Woodford Prize Medal,	100 00
Law School Prize,	100 00

Heating and Lighting Labor,	2,500 00
Chemical Laboratory Building,	20,000 00
Department of Horticulture,	1,855 00
Agricultural Experiment Station,	15,279 82
Veterinary Department,	500 00
Reappropriation of Balances,	13,601 83

Total, \$ 323,488 65

Respectfully submitted,

C. K. ADAMS,	} <i>Committee.</i>
H. W. SAGE,	
D. BOARDMAN,	

Moved and carried, that the foregoing report be accepted, and the appropriations passed as therein recommended.

A communication was read from the Secretary of the School of Law, calling attention to the fact that the recent increase in tuition fees makes the tuition of the Cornell Law School higher than that of any other first-class Law School in the country, excepting Columbia and Harvard, and expressing his fears that the increase in tuition will cause a large falling off in attendance at the Law School. No action was taken thereon.

The following letter of resignation was presented :

To the Trustees of Cornell University :

GENTLEMEN:—In consequence of the increasing administrative duties devolving upon the President of the University, I find it impossible to devote that personal attention to the Professorship of History, which the position and the University have a right to require. This fact was plainly foreshadowed in the preamble and resolutions on the subject of the Department of History and Political Science adopted by the Board at their meeting in June last. If I could be of service to the University and the department by retaining a nominal professorship, I should not be reluctant to do so. But no service can be rendered in that way. The Professorship is one of serious responsibilities, and those responsibilities cannot be discharged without much and continuous thought and labor. Such thought and labor I cannot give, and therefore I think it is for the interests of the University that I should be relieved from all further special responsibility in regard to the chair.

I therefore tender my resignation of the Professorship of History to which you did me the honor to elect me at the November meeting in 1885.

In taking leave of this great department of learning to which so

many years of my life have been devoted, I should do great injustice to my own feelings, if I did not express to the Board my profound conviction as to the importance in this University of a very strong department of History and Political Science. In my belief no branch of study can be of greater importance to the American public. If in any way our institutions of learning are to exert a direct and a wholesome influence on the conduct of public affairs, it is to be by means of generous studies in History and Political Science. I say "generous" studies, because no more than a very trifling good can come from studies of merely an elementary character. Therefore it is advanced studies that are needed, and it is advanced studies only that will satisfy the requirement.

But if such studies are called for at all of our universities, they are called for in a peculiar sense at Cornell.

We are rejoicing in the prospect of extraordinary facilities for such work in the White Library. In recognition of this munificent gift we have voted to call the department the President White School of History and Political Science. There is a great opportunity, and we shall not, in my judgment, worthily fulfill our trust, if we fail to give to this School a character and a strength which will deserve and receive recognition in all parts of the country.

I have already given expression to my opinion as to the studies that should be taught in the department. These opinions, after being adopted by the Executive Committee, were printed at length on pp. 108-113 of the minutes of this Board. The experience of the past two years has only strengthened the opinions there expressed. The gift of the White Library, instead of detracting from the scheme of work previously laid out and adopted, ought to furnish abundant reasons for giving it greater strength and breadth. As a part of my last act of special responsibility with the department, I wish to express with the utmost earnestness my conviction, that what was there outlined could not, under any circumstances, be more than is required by the University. In my judgment it is less than what will be required when we come into full possession of our new resources.

As to what the plan of organization of the School should be, depends on certain fundamental considerations that have not yet been settled. If it were possible to perform the duties of the position without neglecting the work of administration, I should consider it a great honor as well as a great pleasure to be at the head of such a School. But that is impossible; and, whoever is placed in that position ought not to be trammelled by any plans of which he cannot approve. It seems to me wise, therefore, to postpone all consideration

of the plan of organization until it can be discussed with the Dean of the School, whoever that officer may be.

I have the honor to be

Very respectfully your obedient servant,

C. K. ADAMS.

Moved and carried, that the resignation of Dr. C. K. Adams, as Professor of History, be accepted.

The following report was presented :

To the Trustees of the University :

GENTLEMEN :—At the meeting of the Trustees in June last the undersigned were appointed a special committee "to consider and report at a future meeting of this Board a plan for the revision of the Department of History and such other recommendations as may seem to them wise for the best interests of the University, in relation to that subject."

The Committee begs to report that they have had the subject under due consideration and that they find it impracticable to introduce any change in the course of the current year inasmuch as the classes are organized and the work of instruction is already somewhat advanced.

Changes might be introduced at the beginning of next year, but the Committee finds that the courses of instruction are arranged in such a way, that the work of next year is likely to be quite as satisfactorily done as it has ever been in the past. It seems to the Committee therefore wise to postpone any considerable modification of the department until the Library Building is completed and the President White Library is commodiously accommodated in its new quarters. At that time an additional Professor should probably be appointed. At least we shall be called upon to fulfill the terms of the gift of the White Library, by appointing the White Professor. It seems to the Committee moreover that there will be unmistakable advantages in postponing any reorganization of the Department until it can be done with the advice and co-operation of the Professors of the School. In the course of the collegiate year 1890-91 plans should be matured with a view to going into operation at the beginning of the year 1891-92 when, it is expected, we shall be in possession of the completed Library Building. The Committee recommends that any considerable reorganization of the Department of History and Political Science be postponed until that time.

Respectfully submitted,

C. K. ADAMS,	} Committee.
H. W. SAGE,	
D. BOARDMAN,	

Moved and carried, that the subject be re-committed to the committee for further report as their wisdom may dictate.

Upon the recommendation of the Agricultural Experiment Station Council, the appropriation for the current year to the Experiment Station was divided as follows, viz.:

For Salaries,	\$10,250 00
“ Printing, Stationery and Office Expenses,	1,750 00
“ Department of Horticulture,	1,140 00
“ “ “ Agriculture,	500 00
“ “ “ Entomology,	250 00
“ “ “ Chemistry,	100 00
“ “ “ Botany,	200 00
Already Appropriated for Buildings,	750 00
Amount Reserved for Emergencies,	339 82
	\$15,279 82

Moved and carried, that \$250 be appropriated for the payment of the annual subscription of Cornell University towards the expenses of the American School for Classical Studies at Athens.

Moved and carried, that the Board adjourn to meet at 2.30 p.m. at the south entrance of Lincoln Hall, for the purpose of inspecting the engineering and architectural departments in their new quarters.

At 3 p. m. the Board re-assembled at the Faculty room.

On motion, *Resolved*, that President Adams, ex-President White and Judge Boardman be a committee, with power, to decide upon the inscription to be placed upon the corner stone of the new Library Building.

Resolved, That the salary of the Dean of the Faculty be fixed at \$600 per annum, so long as the office shall be filled by Professor H. S. White, at his present salary as professor. Same to take effect at the beginning of the present academic year.

Moved and carried, That the Executive Committee be authorized to select and recommend a Professor of Political Economy and Finance and in the event of their being able to make a unanimous recommendation, the President be authorized to insert the name of the Professor so recommended in the announcements for next year.

Moved and carried, That the Executive Committee be authorized to select and recommend a Professor of Rhetoric and English Philology, and in the event of their being able to make a unanimous

recommendation, the President be authorized to insert the name of the Professor so recommended in the announcements for next year.

Resolved, That in each case of the appointment of a full Professor of the University no election shall be made, except upon the nomination of the candidate by a Committee composed of the President and all the full Professors of the University.

On motion, *Resolved*, That in the opinion of this Board, the power conferred upon Hon. Stewart L. Woodford by the resolution of July 31st, 1880, to appoint a free student in the University, has been exhausted.

On motion, *Resolved*, That the resolution of Jan. 25th, 1883, assigning a free scholarship to the Washington High School be rescinded, and that the said scholarship be and hereby is abolished, without prejudice to students already appointed.

The following was presented and, on motion, adopted :—

WHEREAS, the present income of the University has reached a sum as large as can be permanently relied on from the capital and unsold lands now in our possession, and our income if wisely used is sufficient for current expenses upon our present basis, and whereas in the opinion of this Board nothing could be more unwise than to expend for any purpose any of the principal of our productive funds unless there shall be the most imperative necessity for so doing, it is therefore,

Resolved, That the inventory of our available assets contained on page four (4) of our Treasurer's report for this year, amounting in all to \$4,678,729.77, and any additions to our general fund which shall hereafter be received from sales of our land, gifts, or bequests, in cash or productive securities or property, shall be added to the sum hereinbefore named, and entered upon the books of the University as the capital, or principal of the income producing funds of the University, and that hereafter there shall be no appropriation, use, or expenditure of said principal except it be to meet an extraordinary emergency—and then only upon a vote of a majority of all the members of the Board of Trustees.

Nothing in this resolution shall prevent the loan from said fund of the sum yet due on the appropriation of \$80,000 by the Board for the Chemical Laboratory.

The following was presented and on motion adopted :

WHEREAS, The Trustees have felt it their duty to increase the rates of instruction in the University,

Resolved, That in order to unite with this increase of the cost of education an evidence of their desire to extend the advantages of

the University still further among young men and women, who are at the same time meritorious and needy, and to recognize the services of three men, who in the early history of the University were its devoted friends and steadfast advisers,

Resolved, That at the time when the increase of tuition goes into effect, there be created three additional scholarships, to be awarded each year, each of the value of two hundred dollars a year, and each good for four years, to be bestowed on the same general terms and in the same manner as those already given, the details of said terms to be arranged by the University Faculty ; said scholarships to be called respectively the Horace Greeley Scholarship, the John Stanton Gould Scholarship, and the Stewart L. Woodford Scholarship, and that the establishment of said scholarships be announced in the approaching and following editions of the University *Register*.

Resolved, That the Executive Committee be and are hereby authorized to dispose of and cause to be removed from the University grounds, the wooden building recently vacated by the department of Civil Engineering and Veterinary Science, in such manner as may seem to them to be most advantageous to the University.

A communication from Professor E. A. Fuertes, asking that the department of Civil Engineering be hereafter designated the College of Civil Engineering, was, on motion, referred to the Executive Committee to examine and report at the next meeting of this Board.

Resolved, That in the judgment of this Board, there is urgent need for a commodious building for the use of the College of Agriculture, and that means for its erection should be provided as soon as practicable.

Adjourned.

W. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Nov. 4, 1889.

Present—Trustees Sage, H. W., Adams, Boardman, White, Sage, Wm. H., Tyler, Williams, Lord, and Van Cleef.

Moved and carried, that Samuel J. Saunders be, and is hereby appointed instructor in Physics for the balance of the current academic year, with salary at the rate of \$750 per annum, to date from the time when he assumes the duties of the position.

Resolved, That any student of the University who since receiving the degree of B.C.E. has had three years or more of reputable study or practice in the profession of Civil Engineering, may on the recommendation of the Dean of the Department of Civil Engineering, and on payment of the fee required for a first degree, be admitted to the degree of Civil Engineer.

Resolved, That the President of the University be, and hereby is authorized to sign such diplomas, as may be necessary to carry out the provisions of the above resolution. Carried.

Moved and carried, that the body provided for by the Board of Trustees, to make nominations of full Professors in the University, be known as the Academic Senate.

Moved and carried, that the sum of \$212.77 be, and is hereby appropriated for the payment of the expenses of the western trip made by the Treasurer of the University, at the request of this Committee.

Moved and carried, that the Finance Committee be authorized to employ Mr. A. H. Love to visit the Pacific coast for the purpose of looking into and recommending investments for the University, at a salary of \$1,800 per annum, and travelling expenses.

Professors Wheeler and Fuertes came before the Committee in behalf of the general Faculty, for the purpose of explaining the necessity for printing the general legislation of the Faculty, and asking the Board to reconsider the action recently taken in that matter.

Moved and carried, that the request of the Faculty for permission to have all the general legislation of the Faculty printed, be granted.

Moved and carried, that Prof. L. H. Bailey be authorized to hire mechanics and proceed with the erection of a work-house in connection with the forcing-houses, the same to be kept within the appropriation.

The Faculty recommended the following Professors to represent them in the Library Council for the current year, viz. : Prof. Comstock, Prof. Newbury, Prof. Wheeler, and Prof. Tuttle.

Moved and carried, that the above-named Professors be appointed members of the Library Council, in accordance with the recommendation of the Faculty.

Moved and carried, that Mr. H. B. Lord be re-appointed as a representative of the Trustees in the Library Council.

A communication from Professors Gage and Nichols in regard to water supply in their houses, was on motion, referred to Messrs. Sage, Williams, and Boardman, with power.

The following resolution adopted by the Faculty at a recent meeting, was read, viz. :

Resolved, That in view of the report of the representatives of the Faculty on the condition of the Library, the Faculty deem it expedient that a Committee of the Faculty, consisting of its representatives in the Library Council, be appointed to consult with a Committee of the Trustees, with a view to making investigations and recommendations.

Moved and carried that Messrs. Lord, Wm. H. Sage, VanCleaf, and Tyler be appointed a Committee of the Trustees to meet the above named Committee of the Faculty for the purpose mentioned.

Moved and carried that Mr. John Troy be appointed second Janitor in the Chemical Laboratory for nine months of each year, viz. : From Sept. 15th to June 15th, at \$30 per month.

A communication from the Faculty was received recommending that the following limitations be added to the conditions for scholarship competition already in force, viz. :

First. Persons over twenty-one years of age shall be debarred from the competition.

Second. The holder of a scholarship shall forfeit the right to same in case said holder shall at any time change the course in which

he or she was registered at the time of receiving the award, unless the records of entrance examinations shall show that at the time of the holder's admission to the University, all the subjects required for admission to the course last chosen were passed by him or her, and all candidates must state before the scholarships are awarded what course they intend to pursue.

Third. Holders of scholarships must be candidates for a first degree, and shall not be recommended by the Faculty for such degree, except after the full period of four years' residence at the University.

Fourth. All persons shall be debarred from the competition for the University Scholarships who shall have participated in any previous competition for the same, or shall have been in any previous year or years registered as a student in this University, or any university or college of similar standing.

Fifth. That these resolutions do not take effect until 1891.

Moved and carried that the foregoing recommendations of the Faculty in regard to scholarship competition be adopted.

A communication from Jeremy Smith in regard to a crossing near Cascadilla Bridge was referred to Mr. H. W. Sage, with power.

The request of Mr. E. C. Hegewald for the refunding of the tuition and shop-fee paid by him for the current term, he having been obliged to leave the University on account of illness soon after the beginning of the term, was granted.

Moved and carried that this Committee recommend to the Board of Trustees that the Department of Civil Engineering be hereafter known and designated as the College of Civil Engineering.

Moved and carried that the Committee on Buildings and Grounds be authorized to sell at public or private sale the old wooden Laboratory, or in their discretion to have it removed for any purpose for which it may be made available.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Nov. 12, 1889.

Present, Trustees Lord, Adams, Boardman, Sage, Wm. H., Van-Cleef, White and Williams.

On motion, Judge Boardman was called to the chair.

Minutes of last meeting were, on motion, approved as printed.

A communication from Dr. Thurston in regard to the electric lights in the Library, Sibley Building, and upon the Campus, was referred to the Committee on Buildings and Grounds, with power.

Resolved, That hereafter no student of the University shall be allowed to participate in any athletic contest with the students of any other institution without having first secured a special certificate of physical soundness from the Professor of Physical Culture. Carried.

Resolved, That the name Academic Senate, given by this Committee to the body created by the full Board to nominate full Professors in the University, be and the same is hereby changed to University Senate. Carried.

Moved and carried that the President be authorized and requested to prepare for publication a statement of the proceedings at the laying of the corner stone of the Library Building, and that the sum of \$150, or so much thereof as may be necessary, be appropriated for printing same.

Moved and carried that the President be authorized and requested to prepare for publication a statement of the exercises at the opening of Barnes Hall, and that the sum of \$150, or so much thereof as may be necessary, be appropriated for printing same.

Moved and carried that the Committee on Buildings and Grounds be instructed to have the west line of the University property run out and staked.

Moved and carried that the sum of \$2,000 be and is hereby appropriated to pay for historical works purchased by Andrew D. White, under authority of the resolution of the Board of Trustees of June, 1889.

Moved and carried that the sum of \$200 be appropriated for necessary repairs during the coming year upon the steam heating plant, the same to be expended under direction of the Treasurer and Dr. Thurston.

Moved and carried that the Treasurer be authorized to cancel the insurance upon the old laboratory building.

The action of the Library Council in dividing \$2,140 of the \$4,000 appropriated for the purchase of books during the coming year, among the different departments, reserving \$1,860 as a fund for contingencies and for special grants to complete sets, and to supply deficiencies, was, on motion, ratified and confirmed.

Moved and carried that the adjustment of the gas bills at Barnes Hall, between Cornell University, Cornell University Christian Association and the rented rooms, be referred to the Treasurer, with power.

Moved and carried that permission to use the second-floor rooms in Barnes Hall be granted by the President and Treasurer, upon such terms as may to them seem proper.

Moved and carried that the Treasurer be authorized to order flag walks, as recommended by the Superintendent of Grounds, viz. : 40 ft. of crossing, running measure, 25 ft. 4 ft. walk, running measure, at Lincoln Hall, and 300 ft. 4 ft. walk, running measure, to connect Prof. Burdick's walk with the walk at east entrance of the Armory.

WHEREAS, The Board of Trustees has received an intimation from two of its members that there are two gentlemen, from either of whom the means may possibly be secured as a gift to erect an Agricultural Building ;

Resolved, That for the purpose of enabling members of this Board and others to present the subject more clearly in any promising quarters, the Agricultural Experiment Station Council be and are hereby authorized and directed to secure sketches of plans and elevations of said building, to be made and duplicated by blue printing, at a cost not exceeding \$50. Carried.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 2, 1889.

Present : Trustees Sage, H. W., Boardman, Lord, Williams, and Van Cleef.

The following resolutions were presented and adopted :

Resolved, That Abner H. Love, of Seattle, in the State of Washington, be and is hereby constituted and appointed the Agent of Cornell University to reside at Seattle in the said State, and is hereby authorized and empowered to accept service of process in any action or suit pertaining to the property, business or transactions of said University within the State of Washington in which Cornell University may be a party ; and that the City of Seattle, in the State of Washington shall be the principal place of business of said Cornell University in said State.

Resolved, That the Treasurer of the University be authorized and directed to forward to Mr. Love a certificate of his appointment as Agent of the University in the State of Washington.

The following was presented and adopted :

WHEREAS, Under the system of selecting books for the Library which seems to be the most advantageous and desirable, it has been found impracticable to carry out the method of procedure laid down in Section III of the Resolutions establishing the Library Council, requiring the Council "to prepare and recommend to the Trustees for purchase a list or lists of books, apportioning them between the various departments of instruction, as may best accord with the interests of the University," and providing that "no purchase shall be made, which shall not first have been approved by the Trustees."

Resolved, That Section III of the Resolutions establishing the Library Council be amended to read as follows : Sec. III. It shall be the duty of said Council to apportion the book funds between the various departments of instruction as may best accord with the interests of the University, and to recommend and submit to the Trustees for their approval all questions pertaining to the apportionment of the funds, binding, cataloguing and, in general, to all accommodations, arrangements and rules for the administration of the Library. After the apportionment of the book funds each year shall have been approved by the Trustees, the Treasurer shall be authorized, unless otherwise instructed, to purchase books approved by the Council not exceeding the amount of the appropriation. But no subordinates shall be employed, salaries paid, or expense of any kind incurred which shall not first have been approved by the Trustees, and after an appropriation duly made by them, or their Executive Committee. All business of a financial character shall be transacted through the Treasurer of the University.

Resolved, That the University Senate in its discretion be requested to advise the Trustees as to their opinion of the necessity for the appointment of any full professor. Carried.

Resolved, That C. K. Adams, President, and E. L. Williams, Treasurer of Cornell University, be, and are hereby authorized to execute in behalf of the University a bond in such penalty, or such amount, as the War Department of the United States may require, conditioned for the return to said War Department of such arms and accoutrements belonging to the United States as said Cornell University may have in its possession.

Adjourned,

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., December 10, 1889.

Present, Trustees Sage, H. W., Van Cleef, Adams, Sage, Wm. H., Lord, Williams and Boardman.

Moved and carried, that permission be granted to the Cornell cadet corps to use the Armory for four military hops, two during the winter and two during the spring term, the same to be given under the direction of Lieutenant H. E. Tutherly, the University to be paid all expenses incurred for heating, lighting and janitor service.

Moved and carried, that Professors Roberts and Bailey be authorized to purchase a boiler and engine, and electric lights for the purpose of conducting experiments upon the influence of electric light upon the culture of plants in forcing houses, provided the same can be done without increasing existing appropriations.

An application from Mr. F. R. Benton for permission to use one of the rooms in the old C. E. Building as a batting cage for the ball nine was presented.

Resolved, That inasmuch as the building is likely to be removed at an early date, it is impracticable to grant Mr. Benton's request.

Moved and carried, that there be appointed by the Chair a committee of three to draw up and present to the Executive Committee for consideration, a set of statutes and by-laws defining the duties and responsibilities of the different authorities of the University. The Chair appointed as such committee Trustees Boardman, Adams and Van Cleef.

Moved and carried, that a leave of absence be granted Dr. B. G. Wilder for the balance of this term.

Moved and carried, that during term time and until further notice, the Executive Committee hold regular meetings on Tuesday of each week, at the First National Bank of Ithaca, at four o'clock p. m.

The request of Miss Julia Hicks for the refunding of the amount of tuition for the current term, she having been admitted as a candidate for an advanced degree, thus becoming entitled to free tuition as a resident graduate, was granted.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., December 17, 1889.

Present, Trustees Boardman, Adams, Lord, Sage, Wm. H., Williams and Van Cleef.

On motion, Judge Boardman was called to the chair.

On motion, the minutes of last meeting were approved as printed.

Moved and carried, that the action of President Adams in accepting the resignation of Instructor John A. Miller be and is hereby approved.

Moved and carried, that the Treasurer be authorized to remove the partition between the Law Library and the room in Morrill Hall occupied by janitors, and to fit up the latter room with shelving for books.

Resolved, That the petition of sundry resident graduates for exemption from the rule charging resident graduates, not candidates for advanced degrees, for tuition, be denied, and that the proper committee be authorized, in their discretion, to assist such resident graduates in the payment of their tuition fees.

Resolved, That Mr. Horace S. Kephart be, and is hereby appointed Assistant Librarian and Chief Cataloguer at a salary of \$1,500 per annum, to enter upon his duties on Aug. 1st, 1890.

Moved and carried, that the Treasurer be authorized to negotiate for the extension of the Warren Co., Ill., bonds owned by the University, on terms not less than 5 per cent. interest basis.

On motion, adjourned until Tuesday, Jan. 7th, at 4 p. m.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, January 7, 1890.

Present, Trustees Sage, H. W., Adams, Boardman, Tyler, Lord, and Williams.

On motion, *Resolved*, That the Treasurer be authorized to instruct the University Land Agent at Eau Claire to organize a resistance to the collection of the unjust taxes reported to this Committee, and to take all legal measures necessary to that end.

Resolved, That the Treasurer be, and is hereby authorized to make payments on account of contracts for constructing and furnishing Morse Hall, upon the certificates of the Architect and Superintendent to an amount not exceeding \$80,000, in the aggregate, and that in order to provide the necessary funds for such payments, he be authorized to borrow the sum of \$60,000, or so much thereof as may be necessary from the capital funds of the University, the sum so borrowed to be repaid to said capital funds from the income for the fiscal years 1891-92, and '93, in accordance with the provisions of the resolution of the Board of Trustees, adopted Oct. 24th, 1888. Carried.

Moved and carried, That the list of securities presented by the Finance Committee, covering all purchases made since their last report, be, and the same is hereby approved, and that said list of securities be printed in the minutes of this Committee, omitting such as were purchased prior to Aug. 1st, last, which already appear in the Treasurer's report of that date.

BONDS.

Village of Madison, Neb.,	Water,	$\frac{5}{20}$ yrs.	7 pr. ct.	\$13,500 @ 104.27
Seward City, Neb.,	"	$\frac{5}{20}$ "	6 "	24,000 @ 101
				<hr/>
				\$37,500

MORTGAGES.

H. B. Oliphant,	L. G. Boies,	7 per ct.	\$ 1,150 @ 100
J. Haberman,	Stull Bros.,	6 "	1,500 @ 100
F. H. Pienning,	"	6 "	900 @ 100
W. & J. Davidson,	"	6 "	3,500 @ 100
F. E. Taylor,	Kans. L. & T. Co.,	6 "	2,000 @ 100
H. F. Shroeder,	Ang.-Am. M. & T. Co.	6 "	1,500 @ 100
H. C. Wood,	" "	6 "	2,000 @ 100
Phillip Bintz,	" "	6 "	1,600 @ 100
J. H. Stamper,	" "	6 "	1,500 @ 100
John Youngquest,	" "	6 "	2,800 @ 100
M. Kinney,	" "	6 "	1,600 @ 100
A. C. Hoskins,	Lewis Inv. Co.,	6 "	5,000 @ 100
I. N. McConnell,	Woodward Bros.,	6 "	2,000 @ 100
Wm. H. Reid,	" "	6 "	1,200 @ 100
S. Erickson,	" "	6 "	2,000 @ 100
F. C. Herrick,	" "	6½ "	1,000 @ 100
N. R. Simpson,	" "	6½ "	800 @ 100
Otto Taege,	Stull Bros.,	6 "	3,000 @ 100
M. Johnson,	"	6 "	1,500 @ 100
Thos. Wilson,	"	6 "	1,200 @ 100
Allen & Smith,	Kans. L. & T. Co.,	6 "	23,000 @ 99
And. Coughran,	" "	6 "	2,000 @ 100
H. Wiebe,	" "	6 "	1,500 @ 100
C. A. Standish,	Lewis Inv. Co.,	6 "	2,500 @ 100
H. B. Hutchins,		6 "	3,000 @ 100
L. H. Bailey,		6 "	3,000 @ 100
F. M. Burdick,		6 "	3,500 @ 100
H. H. Wing,		6 "	2,000 @ 100
C. C. Massey,	K. L. & T. Co.,	6 "	2,500 @ 100
W. G. & L. H. Clarke,	Nat. Security Co.,	6 "	2,000 @ 100
Jno. T. Redfield,	Ang.-Am. M. & T. Co.	6 "	4,000 @ 100
T. A. Hurley,	K. L. & T. Co.,	6 "	2,000 @ 100
C. A. Leake,	Ang.-Am. M. & T. Co.	6 "	4,500 @ 100
W. & L. S. Jewell,	Stull Bros.,	6 "	2,500 @ 100
E. L. Nichols,		6 "	3,000 @ 100
Geo. S. Warren,	Woodward Bros.,	6 "	26,000 @ 100
W. T. Hewett,		6 "	3,500 @ 100
S. H. Gage,		6 "	1,250 @ 100
Samuel Kiess,	Woodward Bros.,	6½ "	2,000 @ 100
Zeno R. Brown,	Nat. Security Co.,	6 "	10,000 @ 100
Adam Scott,	K. L. & T. Co.,	6 "	2,500 @ 100
J. F. Williams,	" "	6 "	12,000 @ 100

Joel Stull,	Stull Bros.,	6	“	10,000 @ 100
Denny Hotel Co.,	A. H. Love, Seattle,	7½	“	100,000 @ 100
Ang. Landon,	“	9	“	800 @ 100
A. G. Bradstreet, Rec'r East Side Street Railway Co., Ctfs,				\$11,780.96
W. J. Young & Co., Note,		6	per ct.	30,000.00

Moved and carried, that Mr. Arnold Eiloart, Ph.D., be, and is hereby appointed Instructor in Analytical Chemistry for the remainder of the current year, in place of Dr J. A. Miller, resigned, with salary at the rate of \$1,000 per annum.

On motion, *Resolved*, That the tuition fee in the Summer School of Entomology be fixed at \$25.

Moved and carried, That President Adams be authorized, in his discretion, to invite four lecturers on Political Economy, to deliver one or more lectures each at the University, at a salary not exceeding \$50 for each lecturer.

Moved and carried, That the sum of \$62.50 be appropriated for the purchase of a camera and lens for the Chemical Department, the same to be placed in charge of Dr. Newbury.

Moved and carried, That the President and Treasurer be authorized to have such shelving as may be necessary placed in one of the tower rooms of Barnes Hall, to accommodate part of the books belonging to the White collection.

Resolved, That leave of absence be granted to Prof. J. G. Schurman from and after March 14th, to the beginning of the Fall term, and that an Instructor be appointed for the remainder of the spring and summer term, say three months, at a cost not to exceed \$1,000 per annum.

Moved and carried, That the matter of extra work in and about the Anatomical Laboratory be referred to the Treasurer, with power to employ such additional service as may, in his judgment, be necessary.

Moved and carried, that the matter of accepting a Siemens & Halske dynamo of 25 light power, from Mr. G. H. Underhill, of Norwich, N. Y., in payment for four years' tuition in Sibley College, be referred to Trustee Williams and Dr. Thurston to inquire and report as to the value of the dynamo to the University.

Mr. H. S. Kephart, who was recently appointed Assistant Librarian and Chief Cataloguer, having requested that some definite action be taken, indicating the duration of his appointment, and the time which he would be expected to devote to the duties of his position, it was on motion

Resolved, That it is the understanding of this Committee, that the time which Mr. Kephart shall be expected to devote to the library work be as indicated in the communication of Acting Librarian Harris recommending his appointment, and that his appointment shall continue until action terminating it be taken by the Trustees or by himself.

Adjourned,

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, January 14, 1890.

Present, Trustees Boardman, Adams, Lord, Van Cleef, and Williams.

Mr. Sage being absent Judge Boardman was, on motion, called to the chair.

The Secretary being absent Mr. Geo. R. Williams was, on motion, appointed Secretary, *pro tem*.

Moved and carried that the President and Treasurer be and are hereby authorized in their discretion to remit the tuition fee of Mr. William Curtis White during his course in the University.

Moved and carried that Mr. H. H. Wing be and he is hereby appointed additional instructor in the Experiment Station, without additional compensation.

Moved and carried that the leave of absence granted Professor Schurman at the last meeting of this committee, be without prejudice to his sabbatic year privileges.

The application of the Junior Ball Committee for the use of the Armory on the evening of February 7th, was, on motion, granted upon the usual terms.

On motion, the Treasurer was authorized and directed to accept the Endowment fund of the C. U. C. A. offered by letter of the Treasurer of the Building Fund, upon terms named in said letter, viz.:

ITHACA, N. Y., Jan. 11, 1890.

E. L. Williams, Treasurer Cornell University:

DEAR SIR:--The Trustees of the Christian Association direct me as Treasurer to place in your hands for permanent investment as an endowment fund for the association, all amounts already received, or in future received by me "for endowment," the same to be held and invested by you in the same manner as other special endowments already in your charge. I therefore take pleasure in handing you herewith check for \$520, the amount belonging to said fund received to this date.

Yours very truly,

GEO. R. WILLIAMS,

Treasurer C. U. C. A. Building Fund.

On motion, adjourned.

GEO. R. WILLIAMS,

Secretary, *pro tem*.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, January 21, 1890.

Present: Trustees Boardman, Lord, Adams, Tyler, and Van Cleef.

Mr. Sage being absent, Judge Boardman was, on motion, called to the Chair.

Moved and carried, That the title of Instructor H. H. Wing, appointed at the last meeting of this Committee, be modified to read as follows: "Instructor in Experiment Station Methods."

A communication from Instructors Manning, Vedder, and Webb, and Assistant Librarian White, in regard to an apartment house, together with plans accompanying same, were, on motion, referred to the Committee on Buildings and Grounds to report.

Moved and carried, That an edition of 3,000 copies of President White's Founder's Day Address be published.

Adjourned.

E. L. WILLIAMS, Secretary.

ITHACA, January 28, 1890.

Present: Trustees Sage, H. W., Adams, Boardman, Van Cleef, Tyler, and Williams.

A communication from Dr. Thurston asking authority to employ an additional laborer at Sibley College at \$40 per month, was, on motion, referred to the Committee on Applied Science, with power.

A communication from Messrs. L. C. Corbett and C. C. Chillingworth, in regard to the purchase of the University printing presses, type, etc., was, on motion, referred to the Treasurer, with power.

The committee, to whom was referred the petition of Instructor Manning and others, in regard to building an apartment house, submitted a report, recommending that the prayer of the petitioners be not granted. On motion, the report was accepted and adopted.

Moved and carried, That the Treasurer be authorized to make such arrangements as may be necessary to prevent the ashes made at Sib-

ley College from going into Fall Creek, and to provide for the disposition of same in the future.

A communication from the Faculty in regard to the ventilation of the Faculty Room, was, on motion, referred to the Committee on Buildings and Grounds, with power.

Adjourned.

E. L. WILLIAMS, Secretary.

ITHACA, February 4, 1890.

Present: Trustees Sage, H. W., Boardman, Lord, Van Cleef, and Williams.

The Secretary being absent, Mr. Geo. R. Williams was appointed Secretary, *pro tem.*

On motion, *Resolved*, That Wm. F. Cogswell, LL.D., be, and is hereby appointed non-resident lecturer in the Law School for the present year, in place of Hon. O. W. Chapman, deceased.

On motion, adjourned.

GEO. R. WILLIAMS,

Secretary, *Pro tem.*

ITHACA, February 11, 1890.

Present: Trustees Sage, H. W., Adams, Lord, Boardman, and Williams.

Moved and carried, That the Board proceed to the consideration of the needs of the Chemical Department in the near future. After statements by Drs. Caldwell and Newbury, and Mr. Viall, in regard to the needs of the various branches of the department for next year, the following resolution was presented and adopted, viz. :

Resolved, That in the Department of Chemistry the following force be authorized for the coming year : First, in the Section of Agricultural and Analytical Chemistry, an Assistant Professor, an Instructor, and an Assistant. Second, in the section of General, Organic and Applied Chemistry, an Assistant Professor, an Instructor, and an Assistant.

Moved and carried, That consideration of the questions relating to the Department of Pharmacy be deferred one week.

Moved and carried, That the Sophomore class be granted permission to hold their annual banquet in the Armory, upon the usual terms and conditions.

The application of the Beta Theta Pi Fraternity for a building lot upon West Avenue, was, on motion, referred to the Committee on Buildings and Grounds to report.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, March 4, 1890.

Present: Trustees Sage, H. W., Adams, Boardman, Lord, Van Cleef, and Williams.

On motion, *Resolved*, That the salary of Mr. Smith Robertson, University Agent at Eau Claire, be reduced to \$1,800 per annum, to take effect August 1st, 1890.

On motion, *Resolved*, That the salary of Mr. Charles B. Mandeville, assistant in the Treasurer's office, be increased to \$1,200, to take effect August 1st, 1890.

Moved and carried, That \$500 additional be appropriated to the Law Library.

Moved and carried, That \$275 be appropriated for improvement of electric lights in the Library.

Resolved, That the resolutions of the Faculty of Dec. 15th, 1889, recommending certain amendments to the Scholarships and Fellowships statute, be referred back to the Faculty, with the request that they take into consideration the rules and regulations for filling the University Scholarships and Fellowships, and report to this Committee a complete statute embodying such changes as may to them seem wise, to be included in the ordinances now being codified.

Resolved, That the recommendations of the University Senate in regard to the Department of History, be laid upon the table until such further report is received from the Senate, as will enable the Committee to act upon the whole question at one time.

Moved and carried, That permission be granted upon the usual terms, for the holding of an athletic exhibition in Gymnasium Hall, Saturday evening, March 8th.

Adjourned,

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E. L. WILLIAMS,

Secretary.

ITHACA, March 15, 1890.

Present: Trustees Sage, H. W., Lord, Adams, Williams, Van Cleef, and Tyler.

A large portion of the evening was devoted to a conference with Dr. Thurston in regard to Sibley College, and the discussion of plans for future development, but no definite action was taken.

Resolved, That Professor James Seth, M.A., be, and is hereby appointed Acting Professor of Philosophy, during the Spring term of the current year, at a salary of \$333.33 for the term.

Resolved, That Mr. W. A. Viall be, and is hereby appointed Assistant Professor of Pharmacy, and Lecturer on Materia Medica, for three years from the beginning of the next collegiate year, at a salary of \$1,400 per annum.

A communication from Mr. Howard C. Williams, in regard to dumping ashes into Cascadilla Creek at Cascadilla Place, was referred to the Chairman and Treasurer, with power.

On motion, adjourned until Tuesday, April 1st, at 4 p. m.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 1, 1890.

Present, Trustees Sage, H. W., Boardman, Williams, Van Cleef and Lord.

Moved and carried, That the Chairman be authorized to make a lease with Mr. Gilbert for the management of Sage College for the year 1890-1.

Moved and carried, That the resignation of Mr. Horace S. Kephart, as Assistant Librarian, be accepted.

Moved and carried, That the road running east from F. C. Cornell's to the Campus be fixed and determined in its present general location ; any modification to be by grading or widening only.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 12, 1890.

Present, Trustees, Sage, H. W., Adams, Boardman, Lord, Tyler, Sage, Wm. H., White, Van Cleef and Williams.

Moved and carried, That a lot 90x250 feet off from the north side of ex-President White's lot, as per description submitted, be granted to Dr. Spenser B. Newbury on the usual form of lease, with the right to the use of all easements to said lot, and right of way over all roads and approaches thereto.

Plans for a cottage to be erected for Professor Newbury were submitted and on motion approved.

Moved and carried, That action on the recommendation of the University Senate, in regard to the appointment of Professor J. M. Hart, be postponed until two weeks from Tuesday next.

Communications from the University Senate recommending that Professor Herbert Tuttle be transferred to the professorship of modern European History, and that Mr. Albert Shaw, of Minne-

apolis, be elected to the professorship now filled by Professor Tuttle, were presented.

On motion, *Resolved*, That in view of the action taken by the Board of Trustees at its meeting October last, the Executive Committee have thought best to postpone action in regard to the reorganization of the Historical Department.

Moved and carried, That President Adams be authorized to invite Mr. John Parker, Assistant Librarian of Peabody Institute, to come to Ithaca, with a view to securing his services as Assistant Librarian at Cornell, should he prove desirable.

Adjourned until Tuesday at 4 p. m.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 19, 1890.

Present, Trustees, Sage, H. W., Adams, White, Boardman, Van Cleef, Williams, Sage, Wm. H., and Lord.

The application of the Faculty Tennis Club for a lot on the south side of the field between ex-President White's house and Lieut. Tutherly's for tennis courts, was, on motion, referred to the Committee on Buildings and Grounds, with power.

The question of providing a suitable exercise ground for Sage College was, on motion, referred to the Committee on Buildings and Grounds, with the request that they examine and report at an early day.

The request of the Psi Upsilon Society for permission to lay out a tennis court west of Prof. Nichols' house, was, on motion, referred to the Committee on Buildings and Grounds, with power.

WHEREAS, The Students' Tennis Club, to whom was assigned a portion of the campus west of Lincoln Hall for tennis courts, has failed to keep said ground in good order, as agreed;

Resolved, That the permission heretofore granted the said Tennis Club for the use of said ground, be, and the same is hereby rescinded.

Resolved, That the Superintendent of Grounds be requested to put the plot of ground west of Lincoln Hall, now occupied by the Students' Tennis Club, in orderly and suitable condition at the earliest practicable moment.

Resolved, That the Superintendent of Grounds be instructed to remove the back-stop from the old base ball ground east of Morrill Hall, and to seed the worn places on said ground.

The committee to whom was referred, with power, the application of Dr. Thurston for an extra laborer at Sibley College, reported that they had authorized the employment of an additional man as requested by Dr. Thurston.

Moved and carried, That \$100 be added to the appropriation for the Architectural Department.

The application of the Cornell Dramatic Club for the use of the parlor at Cascadilla in which to hold rehearsals on two days of the week, was referred to the Treasurer, with power, as to terms and conditions.

The request of Mr. E. S. Bowen for the remission of the current term's tuition fee, he having obtained a leave of absence for the term on April 4th, was, on motion, granted.

The request of Mr. Edward C. Lombard for the return to him of the tuition fee paid last term, he having been obliged on account of sickness to go to New York within a few days after Registration Day, and to remain away during the whole term, was, on motion, granted.

Moved and carried, That \$284.74 be appropriated for the payment of Mr. Halliday's bill for expenses and disbursements on account of the suit of Cornell University v. Comptroller.

Resolved, That the Executive Committee concur in the report of the University Senate recommending Professor Henry C. Adams for the chair of Political Economy and Finance in Cornell University, provided arrangements can be made with him which shall be satisfactory to this Committee.

Adjourned until Tuesday, the 29th inst., at 4 p. m., at the Bank.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 29, 1890.

Present, Trustees Sage, H. W., Boardman, Lord, Sage, W. H., Van Cleef, Adams, White, Tyler and Williams.

On motion, *Resolved*, That Brainard G. Smith be appointed Associate Professor of Elocution and Oratory for three years from the beginning of the next collegiate year, at a salary of \$2,000 per annum.

On motion, *Resolved*, That the thanks of the Executive Committee be extended to the Cornell University Christian Association for their cordial invitation to the trustees and their families to rendezvous at the east rooms of the Association at Barnes Hall.

The following report was presented and on motion adopted :

The Committee on Buildings and Grounds to whom was referred several matters about tennis courts, etc., etc., respectfully report :

First, That grounds be granted to the Faculty Tennis Club north of President White's lot, 110 feet north and south, and from Professor Hewett's lot east to the north and south farm road, for laying out five tennis courts.

Second, That south of Professor Nichols' south boundary to the woods 100 feet wide, be granted to the Psi Upsilon Society for tennis ground.

(All these grants subject to revocation at any time when the ground shall be needed for any other purpose.)

Third, That consideration of grounds for Sage ladies be for the present postponed.

Fourth, That the point on Cornell street which extends into it west of Professor Nichols' line be removed, and the earth used where needed ; that the water way on the south side of Cornell street be walled with dry stone on each side, leaving area for water at any stage, and covered with coarse flags and earth ; that the grade of Cornell street west from a point to be established to Cornell's line be raised, so as to improve the grade ; that a road be laid out south from Cornell Avenue to or near the bank of the creek at such point west from Professor Nichols' west line, as actual survey shall show prac-

ITHACA, N. Y., May 6th, 1890.

Present, Trustees Boardman, Adams, Lord, White, Williams and Sage, Wm. H.

On motion, Judge Boardman was called to the chair.

On motion, *Resolved*, that Hon. James Wood, President of the State Agricultural Society, Gov. W. D. Hoard, of Wisconsin, J. S. Woodward, Secretary of the State Agricultural Society, and E. A. Powell, of Syracuse, be appointed lecturers in the Agricultural Department for next year; it being understood that the compensation in each case be confined to the expenses of the lecturer.

Resolved, That Mr. William H. Hudson be appointed as cataloguer in the White Library, at a salary for the next year of \$600, the same to be charged to the sum appropriated for the catalogue of the White Library.

On motion, *Resolved*, that the President be authorized, in his discretion, to make a preliminary report to the Board of Trustees in June, and to present his full printed report at the October meeting of the Board.

The report of the committee on Sage College as to the condition of the building and the quality of food provided for the table at Sage, was presented, and, on motion, accepted, and the committee discharged from further consideration of the subject.

On motion, *Resolved*, that the President be empowered to nominate an assistant Professor of Political Economy and Finance for the next year; and also to nominate not to exceed four special lecturers on Political Economy and Finance for next year.

On motion, *Resolved*, that the Treasurer be authorized to advertise in the *Ithaca Journal* for the sale at public auction of the old Laboratory building.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, May 13, 1890.

Present, Trustees Sage, H. W., Boardman, Lord, Sage, Wm. H., Van Cleef, Adams, White, and Williams.

Minutes of meetings, April 29th and May 6th, were read and, on motion, approved.

On motion, *Resolved*, That the University Senate be requested to place before this Committee the information upon which they based their recommendation of Mr. Laughlin for Professor of Political Economy.

On presentation of petition of the Board of Health of Cornell University, the following action was taken :

Resolved, That in view of the exposure already had by students to measles, and of the near approach of the end of the year, and of the absence of any legal authority to enforce any isolation of sick students for a safe length of time, the proposition of the Health Board is deemed impracticable.

Moved and carried that the Treasurer be authorized to order chemicals for importation to the amount of \$2,700, to be paid for from the Chemical Appropriation of next year.

A communication from Dr. Thurston in regard to using a portion of the old Laboratory in the construction of a new foundry was, on motion, referred to the Committee on Buildings and Grounds, with power.

Upon the recommendation of the Committee on Natural Science, Mr. G. S. Hopkins was appointed Instructor in Anatomy, and Mr. P. A. Fish Instructor in Physiology and Zoology for next year, at a salary of \$750 each.

A communication from Prof. Wait in regard to the promotion of Instructors Hathaway and McMahon was, on motion, referred to the Committee on Applied Science to report.

A communication from Prof. Fuertes in regard to the promotion of Assistant Professor Crandall and Instructor Wing was, on motion, referred to the Committee on Applied Science to report.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 20, 1890.

Present: Trustees Sage, H. W., Boardman, Adams, White, Sage, Wm. H., Van Cleef, Tyler, Williams and Lord.

Minutes of meeting of May 13th were read and, on motion, approved.

On motion, *Resolved*, That Assistant Professor Albert W. Smith be and is hereby appointed Assistant Professor of Mechanical Engineering and Machine Construction for three years from August 1st next, at a salary of \$1,600 per annum.

On motion, *Resolved*, That Mr. Harvey D. Williams be and is hereby appointed Assistant Professor of Mechanical Drawing for three years from August 1st next, at a salary of \$1,400 per annum.

The following was presented and, on motion, adopted, and appointments made at salaries named :

To the Executive Committee of Cornell University:

GENTLEMEN:—

The following list of Instructors for the academic year 1890-91, with the salaries annexed, is herewith respectfully presented, the same being all in accordance with the recommendations of the heads of the departments concerned:

In German, J. O. Griffin,	\$1,000 00
“ Theodore Henckels,	1,000 00
In French, L. E. Lapham,	1,000 00
“ E. W. Manning,	1,000 00
“ G. A. Ruyter,	1,000 00
In Greek and Latin, F. M. Bronson,	1,000 00
In Architecture, L. J. Young,	750 00
In Chemistry, in Qualitative Analysis, E. H. Preswick, . .	1,000 00
“ in Quantitative Analysis, Arnold Eiloart, . .	1,000 00
In General Chemistry, W. B. Newbury,	1,000 00
In Botany, W. W. Rowlee,	1,000 00
In Physics, B. W. Snow,	1,000 00
“ Ernest Merritt,	1,000 00
“ S. J. Saunders,	1,000 00
In English, O. L. Elliott,	1,000 00
“ O. F. Emerson,	1,000 00
“ V. E. Coffin,	750 00
In Civil Engineering, H. K. Vedder,	1,000 00
“ “ “ W. L. Webb,	1,000 00
“ “ “ H. N. Ogden,	1,000 00
In Mechanical Engineering, F. H. Noyes,	1,000 00
“ “ “ H. S. Gutsell,	1,000 00
“ “ “ G. W. Bissell,	1,000 00
“ “ “ A. P. Willis,	750 00
“ “ “ and f'man M.S., W. M. Towle,	1,200 00
“ “ “ J. W. Granger,	750 00
“ “ “ W. H. Wood,	750 00
“ “ “ J. E. Vanderhoef,	750 00
“ “ “ Geo. Pollay,	750 00
“ “ “ L. F. Chesebrough,	600 00

C. K. ADAMS.

Moved and carried, That the action of this Committee of May 6th, authorizing the President to nominate an Assistant Professor and four lecturers in Political Economy for next year, be reconsidered.

Moved and carried, unanimously, That this Committee recommend to the Board of Trustees the election of Professor James

Laughlin, of Philadelphia, to the Professorship of Political Economy and Finance in Cornell University, at a salary of \$3,000 per annum.

Moved and carried, That the President be requested to advise Professor Laughlin of his nomination to the Professorship of Political Economy and Finance.

The Committee on Applied Science, to whom was referred a communication from Professor Fuertes in regard to the promotion of Assistant Professor Crandall and Instructor Wing, presented the following :

“The Committee on Applied Science advise the advancement of Mr. C. B. Wing to the position of Assistant Professor for three years, with an increase of \$100 in salary, in accordance with the recommendation of the Dean of the Department of Civil Engineering. The Committee do not advise the advancement of Assistant Professor Crandall at present. GEO. R. WILLIAMS, Chairman.”

On motion, the above report was accepted and adopted.

Moved and carried, That \$13,000, or so much thereof as may be necessary, be and is hereby appropriated for building a new Blacksmith Shop and Foundry, raising the roofs of the Sibley College Shops, and tearing down the old Laboratory Building, in accordance with the recommendation of the Committee on Buildings and Grounds.

Moved and carried, That the Treasurer be authorized to arrange for the tearing down of the old Laboratory Building.

Moved and carried, That Miss Mary Fowler be appointed First Cataloguer of the University Library, for one year, at a salary of \$750, with duties to begin August 1, 1890.

On motion, *Resolved*, That the Library Council be authorized to select 300 volumes from the duplicates, and from books which are essentially duplicates, in the University Library, and to present the same to the University of Toronto, as an evidence of our good will and sympathy.

On motion, *Resolved*, That consideration of the resolution of the University Faculty, in regard to the School of Pharmacy, be postponed one week.

Moved and carried, That \$20 be appropriated for music at the Junior Prize Speaking on Friday evening next.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 27, 1890.

Present: Trustees Sage, H. W., Adams, Boardman, Lord, Van Cleef, Williams, and White.

On motion, the minutes of meetings April 29th, and May 6th, 13th and 20th, were accepted, and approved as printed.

An amended Scholarship and Fellowship statute recommended by the General Faculty, was presented, and laid over one week for consideration.

The following was presented, and on motion, adopted:

WHEREAS, In the development of the University, the organization of the Gymnasium Council, and of the Council of the Museum of Natural History, has proved to be unwieldy and inefficient; therefore,

1. *Resolved*, That the statute establishing a Gymnasium Council be, and hereby is rescinded.

2. *Resolved*, That a Standing Committee of the Trustees be appointed, to be known as the Committee on the Departments of Physical Culture and Military Tactics.

3. *Resolved*, That such Committee consist of William H. Sage, Mynderse Van Cleef, and George R. Williams.

4. *Resolved*, That the statute organizing the Council of the Museum of Natural History be, and is hereby rescinded.

5. *Resolved*, That the general interests of the Museum of Natural History be added to the interests entrusted to the Committee on the Departments of Natural History.

Moved and carried, that the Treasurer be authorized to pay the expenses of the delegate to be appointed to attend the Twenty-fifth Anniversary of Vassar College.

The following was presented, and on motion, referred to Judge Boardman, and Mr. Van Cleef to report:

WHEREAS, the statute determining the right to vote for Alumni Trustees limits such right to those who have received either a first degree or an advanced degree; and,

WHEREAS, the question has arisen as to whether the degree of Graduate in Pharmacy is included within the meaning of the statute as a first degree ;

Resolved, that it was the purpose of the Trustees in the term First Degree, to limit it to such degrees as are in course followed by a second degree.

Moved and carried, that the President and Treasurer be authorized to make necessary arrangements for getting from Albany to Ithaca, the plaster casts offered by Lieut.-Governor Jones.

Moved and carried, that an additional assistant be appointed in General Chemistry for next year, at a salary of \$500.

Moved and carried, that the salary of Prof. J. L. Laughlin as Professor of Political Economy and Finance, be fixed at \$4,000 per annum.

The following was presented, and on motion, accepted and adopted :

The Committee on Applied Science, to which was referred the recommendation made by Prof. Wait, regarding Mr. Hathaway and Mr. McMahan, advise,

That Mr. Hathaway and Mr. McMahan be appointed Assistant Professors for three years, their salaries being advanced to \$1,400 per year.

That Mr. Rappleye be retained for the coming year on same terms as now employed.

GEO. R. WILLIAMS, Chairman,
Committee all concurring.

Ithaca, N. Y., May 27, 1890.

A communication from Prof. J. L. Morris, in regard to the water supply was, on motion, referred to the Committee on Buildings and Grounds.

Moved and carried, that \$100 be appropriated to the Class of '90 for music at Commencement, upon condition that no entertainment be given by the band which will interfere with any exercises given under University auspices.

Moved and carried, that a committee consisting of the President, Treasurer, and Mr. Van Cleaf, be appointed to provide a University luncheon, to be given at Sage College immediately after the Commencement exercises, and that \$500, or so much thereof as may be necessary, be appropriated for that purpose.

Moved and carried, that an additional loan of \$500, payable \$125 annually, be granted Prof. B. G. Smith upon his cottage.

Moved and carried, that the sum of \$50 be added to the Latin appropriation for the current year.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 3, 1890.

Present, Trustees Sage, H. W., Adams, Williams, Lord, and Van Cleef.

Minutes of last meeting were, on motion, approved as printed.

On motion, *Resolved*, That Mr. R. C. Carpenter be appointed Associate Professor of Experimental Engineering, at a salary of \$2,500.

Moved and carried, that the sum of \$15,000 be appropriated to the Agricultural Experiment Station for the year beginning July 1st, 1890, as recommended by the Experiment Station Council.

The following was presented and, on motion, appointments were made as recommended :

The following supplementary list of officers, all of whom have been recommended by the heads of the departments concerned, is respectfully presented for appointment for the next academic year :

Mrs. E. K. Hooker, Principal of Sage College, . . .	\$1,200, and home.
Mr. A. H. Grant, Registrar and President's Secretary, . . .	\$1,000
" E. C. Cleaves, Associate Professor of Freehand Drawing, . . .	1,800
" C. D. Marx, Assistant Professor of Civil Engineering, for three years,	1,800
" H. J. Ryan, Assistant Professor of Electrical Engineering, for three years,	1,400
" W. R. Orndorff, Assistant Professor of General and Organic Chemistry, for three years,	1,400
" D. Studley, Instructor in Mathematics,	1,000
" R. F. Nelligan, Instructor in Gymnastics,	1,000
" J. E. Creighton, Instructor in Philosophy,	1,000
" C. S. Fowler, Instructor in Mathematics,	1,000
" W. G. Rappleye, Instructor in Mathematics,	750
" F. C. Fowler, Mechanician, and Instructor in Physics,	750
" V. F. Marsters, Instructor in Geology,	750

Also the following appointments to the Agricultural Experiment Station :

Mr. Harry Snyder, Assistant Chemist,	750
“ W. M. Munson, Assistant Horticulturist,	1,000
“ J. M. Stedman, Assistant Entomologist,	1,000
“ C. D. Smith, Assistant Agriculturist,	1,000

C. K. ADAMS, President.

On motion, *Resolved*, That Assistant Professor George P. Bristol be appointed Associate Professor of Greek, at a salary of \$2,200.

A communication from Professor J. H. Comstock, asking an appropriation for the purchase of ten microscopes for use in his department, was presented.

On motion, *Resolved*, That Professors Wilder, Gage, and Prentiss be authorized and requested to allow Professor Comstock the use of such microscopes as he may need in his Summer School in Entomology, taking his receipt therefor.

The request of Dr. G. C. Caldwell for the employment of an extra man in the Chemical Laboratory, at laborer's wages, for nine mouths of the year, to keep the new laboratory in order, care for special boiler, and do other miscellaneous work for which there is no provision, was, on motion, granted.

The request of Dr. Caldwell for authorization to expend any unexpended balance of the appropriation for the construction of Morse Hall, in fitting and furnishing the building, was referred to the Committee on Applied Science to report.

Moved and carried that the Scholarship and Fellowship statute recommended by the Faculty, be amended by inserting after the word "Scholarships," in the second line of Section 8 of the rules governing appointments to scholarships, the words, "for the first two years of any course," so that said Section 8 shall read as follows : "All persons shall be debarred from the competition for University Scholarships for the first two years of any course, who shall," etc. ; and that Section 6 of the rules governing appointments to Fellowships be amended by changing the word "three," in the fourth line, to "four," so as to read "four hours per week," etc.

Moved and carried that the Scholarship and Fellowship statute as amended be approved and adopted.

Moved and carried that the title of Dean of the College of Civil Engineering be changed to that of Director of the College of Civil Engineering, with distinct understanding that this implies no increase of salary.

Moved and carried that the title of Dean of the College of Agriculture be changed to that of Director of the College of Agriculture, with the distinct understanding that this implies no increase of salary.

On motion, *Resolved*, That there be built, at such central point on the Campus as may be selected by the Building Committee, a brick house with four walls and a roof, and sufficient light, in which to safely store our fire apparatus, at cost not to exceed \$500, which sum, or so much as may be needful, is hereby appropriated for the same, and the Building Committee is instructed to complete the building as soon as practicable.

A communication from Dr. Nichols in regard to changes at the Physical Laboratory and Chemical Annex, was, on motion, referred to the Committee on Buildings and Grounds, with power.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 10, 1890.

Present, Trustees Sage, H. W., Adams, Tyler, Van Cleef, Boardman, Williams, Lord.

Minutes of previous meeting were, on motion, approved as printed.

Moved and carried that the School of Pharmacy be placed under the General Faculty.

On motion the following appointments were made, viz.:

H. C. Elmer, Assistant Professor of Latin for three years, at a salary of \$1,600.

Geo. D. Shepardson, Instructor in Physics, at a salary of \$750.

E. M. Chamot, Assistant in Chemical Analysis, at a salary of \$500.

F. L. Kortright, Assistant in General Chemistry, at a salary of \$500.

Moved and carried that the request of Prof. J. Laurence Laughlin for a building site opposite Prof. Henry Williams's house be denied.

Moved and carried that the request of Prof. A. W. Smith for a lot west of Prof. Nichols's, on the west side of the proposed new street, be laid on the table until maps of the property west of Dr. Nichols's are prepared and presented to the Committee.

Moved and carried that the bill of \$16.75 presented by Prof. Hutchins, for carriage hire of non-resident lecturers in the law School, be paid.

Moved and carried that the application of Prof. C. F. Osborne for advancement to an Associate Professorship, be most respectfully denied.

The communication from Registrar A. H. Grant in regard to his title and salary was, on motion, referred to the President to report.

On motion, *Resolved*, That the Treasurer be authorized to pay over to the Executor of the Jennie McGraw-Fiske estate any funds not needed for current expenses of the University, to the amount of \$250,000.

Moved and carried that the Treasurer be authorized to procure such additional seats as will fully seat the Armory.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 17, 1890.

Present, Trustees Sage, H. W., Adams, Sage, Wm. H., Van Cleef, Lord, Williams, White, Boardman, and Tyler.

Minutes of the previous meeting were read and, on motion, approved.

Moved and carried that Mr. George W. Botsford be appointed Assistant in Ancient History for one year, at a salary of \$500.

Mr. A. H. Grant having declined the appointment of Registrar and President's Secretary upon the terms named in the appointment, it was moved and carried that Instructor J. O. Griffin be appointed Registrar of the University for one year, at a salary of \$500, in addition to the salary received as Instructor.

Moved and carried that Instructor O. L. Elliott be appointed Assistant Registrar and President's Secretary for one year, at a salary of \$500, in addition to the salary received as Instructor.

A communication from the Library Council in regard to appropriations was, on motion, referred to the Committee on Appropriations.

The application of Messrs. Clark, Bowman and Sheldon, students in the University, for a building lot west of the Psi U. Chapter House was, on motion, denied.

A communication from Dr. Thurston in regard to heating plant, repairs of water works, etc., was, on motion, referred to George R. Williams and the Treasurer, with power.

A communication from Dr. Thurston in regard to electric lighting was, on motion, referred to the full Board.

A communication from Dr. Wilder asking an increase in salary was, on motion, referred to the full Board.

The application of Prof. J. L. Laughlin for a building lot next south of Prof. Brainard Smith's was, on motion, laid on the table until the meeting of the full Board to-morrow.

Moved and carried that \$150, or so much thereof as may be necessary, be appropriated for moving and setting up the Blow Pipe Laboratory in the Geological Department.

Moved and carried that the Treasurer be authorized to have a partition put across the north end of room 16, White Hall.

Moved and carried that the matter of ventilation of the Law School be referred to the Dean of the Law School, the Treasurer, and Prof. Osborne, with power, with the request that they consider the practicability of using the hot air from the cooling coils for the improvement of ventilation throughout both Morrill and White Halls.

Moved and carried that the Secretary of the Executive Committee be authorized and requested to prepare and print an index of the printed minutes to this date, with a view to closing up the present volume of minutes.

Moved and carried that Judge Boardman be requested to prepare a suitable memorial and resolutions upon the death of Amasa J. Parker, to present to the full Board to-morrow.

Adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 18, 1890.

Present, Trustees Cornell, Adams, Tyler, White, Williams, Van Cleef, Boardman, Sage, H. W., Sage, Wm. H., Salmon, Barnes, and Hiscock.

Minutes of Oct. 30th, 1889, read, and, on motion approved.

Minutes of the Executive Committee to and including the meeting of June 17, 1890, were, on motion, approved.

In accordance with the resolution of the Executive Committee of May 6th, the President presented and read a preliminary report which was accepted and ordered on file.

Moved and carried, that the invitation extended by the Cornell University Navy to the Board of Trustees to witness the Bowdoin-Cornell race from the referee's boat, be accepted with thanks.

Moved and carried, that the Board proceed to ballot in the usual way for a Professor of Rhetoric and English Philology, as recommended by the Executive Committee at its meeting April 29th, 1890. Professor James Morgan Hart received twelve votes and was declared unanimously elected Professor of Rhetoric and English Philology in Cornell University, at a salary of \$3,000 per annum.

Moved and carried, that the board proceed to ballot in the usual way for a Professor of Political Economy and Finance, as recommended by the Executive Committee at its meetings of May 20th and 27th, 1890. Professor James Laurence Laughlin received twelve votes, and was declared unanimously elected Professor of Political Economy and Finance in Cornell University, at a salary of \$4,000 per annum.

Moved and carried, that Professor James Laurence Laughlin be granted a building lot upon the usual terms of lease, on the east side of East Avenue, next south of the lot of Professor Brainard G. Smith.

The list of degrees recommended by the General Faculty was presented, and, on motion, ordered conferred as recommended, with the exception of the degrees in Pharmacy.

The list of degrees recommended by the Faculty of the School of Law was presented, and, on motion, ordered conferred as recommended.

Resolved, That to those graduating in the course in Pharmacy, and now in the University, there shall be granted a degree in such special form as not to confer upon them the rank of Alumni of the University for the purpose of voting; and to those hereafter entering the University a diploma for the work done be granted. Carried.

Moved and carried, that the degrees in Pharmacy recommended by the Faculty, be conferred in accordance with the resolution just passed.

The following was presented, and, on motion, adopted :

Amasa J. Parker, of Albany, lately died in the fullness of age and honors. Judge Parker was born in New England, educated to the law, selected to represent his fellow citizens in the Legislature of the State and in Congress, for many years a Justice of the Supreme Court, and afterwards up to the close of his long and busy life, a lawyer of the highest rank, purest character, and greatest ability. He stood among the very first in his profession, in society and in affairs.

As a Trustee of Cornell University since 1871, he has been faithful in his attendance, wise in his counsels and just in his action. His sense of duty, notwithstanding his great age, in the attendance upon the meetings of the Board, would put to shame younger and less busy members. He was a wise, thoughtful and considerate Trustee, taking but little time in debate, but by his presence and conduct exercising a powerful influence upon the welfare of the University. In consideration whereof, it is

Resolved, That the surviving associates of Judge Parker, lately deceased, mourn his loss even in the fullness of his years, that they appreciate his distinguished character, his purity of life and brilliant talents, and that they commend his life and example as a model and inspiration to every young and ambitious man.

Resolved, That this memorandum and these resolutions be entered at large upon the minutes, and that a copy thereof be sent to the son of the deceased.

A petition signed by a number of the alumni of the University, asking that the tuition fee heretofore charged undergraduate students, viz., \$75 a year, be restored, was presented and ordered on file.

The following was presented and, on motion, adopted :

WHEREAS, The attention of this Board has been frequently called to the fact that members of the Faculty have left the University

before the close of the Annual Commencement exercises, and even in some cases before the close of the various term examinations, and

WHEREAS, This Board has several times passed resolutions deprecating this practice ;

Resolved, That in the opinion of the Trustees every member of the instructing body in this University should be present at the beginning of exercises in each term, should remain until the close of all the examinations in each term, and at the close of the University year should remain through Commencement week, and through the exercises of Commencement day, until at least the morning of the day following.

Resolved, That the proper authority be requested to furnish a printed copy of the foregoing Preamble and Resolution each year to every member of the instructing body in the University.

The following was presented and, on motion, referred to the Executive Committee, with instructions to carry out substantially the purposes of the resolution :

Resolved, That the inscription upon the front of Lincoln Hall, the building devoted to the departments of Civil Engineering and Architecture, be changed so as to read as follows :

LINCOLN HALL.

“ This Tablet is placed as a memorial of Abraham Lincoln, . . . President of the United States, who, on the . . . day of 1862, approved the bill providing for scientific, technical, classical, and military instruction in every State in the American Union.”

1889.

The following was presented and, on motion, adopted :

Resolved, That henceforward the necessary travelling and living expenses incurred by the University Trustees in attending the meetings of this Board, be reimbursed to them from the treasury of the University.

Resolved, That whenever the proper University authority shall notify any Trustee of a meeting of this Board, he shall call attention in each notification to this resolution, and at the close of each session shall request each of the said Trustees to furnish him with a statement of necessary expenses, as above, for reimbursement.

The following was presented and, on motion, adopted :

Resolved, That the Executive Committee be, and are hereby authorized to consider that portion of the President's Report which refers to the Relations of the Military Department to the University, and to return to the War Department such answer as they may deem called for.

The following was presented and on motion adopted :

WHEREAS, The physical health of all students of the University and especially that of the young women, should be a matter of especial care to the University authorities ;

Resolved, That the Committee on Buildings and Grounds be and are hereby authorized and directed to select a suitable site at some convenient point upon or near the University property, as a recreation ground for the exclusive use of lady students, the said ground to be of not less than two acres in extent ; and that the sum of five hundred dollars be and is hereby appropriated for the purpose of putting such ground in proper order.

The following was presented and, on motion, adopted :

Resolved, That the Committee on Physical Culture and Military Tactics be and is hereby authorized and directed to inquire into and report at the October meeting of this Board as to what change, if any, should be made in the annex to the Gymnasium.

The following was presented and, on motion, adopted :

Resolved, That the recommendation of the Professor of Architecture and of the President in regard to the moving of the White Collection be referred to the Executive Committee, with power.

The following was presented and, on motion, adopted :

Resolved, That the considerations offered by the President in regard to the organization of the White School of History and Political Science be referred to the Committee on the organization of that school, and that Ex-President White be added to that Committee.

Moved and carried, that the Board proceed to the election of a Trustee for the unexpired term of Judge Amasa J. Parker, deceased.

Upon ballot duly had, Andrew Carnegie received twelve votes and was declared unanimously elected.

Moved and carried, that the Board proceed to the election of two Trustees to succeed Andrew D. White and Henry B. Lord, whose terms expire this day.

Upon ballot duly had, Andrew D. White and Henry B. Lord were unanimously re-elected Trustees of Cornell University for the term of five years.

The following resolutions were presented :

Resolved, That the Trustees enact the following statute in regard to the appointment of professors :

Whenever any full professorship is to be filled a committee of nomination shall be appointed by the Chairman of the Board of Trustees.

Such Committee shall consist of the President of the University, two members of the Board of Trustees, and two members of the Faculty, whose duties are cognate with those of the Professorship to be filled.

It shall be the duty of this Committee to prosecute all inquiries needful for the best interests of the Professorship in question and for the University, to submit the same to the consideration of the Senate, and to report the proceedings in full to the Executive Committee with such recommendations as they may deem best for the interests of the University. The Executive Committee shall then transmit the report of the Committee to the full Board, with such recommendations as it may deem desirable.

The Trustees of the University enact the following statute providing for the organization of the University Senate :

The University Senate shall consist of the President of the University, the Dean of the General Faculty, the Dean of the School of Law, and twelve full Professors, who shall be chosen as hereinafter provided.

For the purpose of electing members of the Senate, the members of the several faculties shall be divided into four groups as hereafter described ; and each group shall elect three members of the Senate. Each group shall be called together by the President, or in his absence, by the Dean of the General Faculty as soon as may be practicable after the adoption of these provisions, and shall thereupon elect three of their number as members of the Senate. The members so elected at the first election, shall serve one for one year, one for two years, and one for three years ; their terms respectively being determined by lot. After the first election one member of each group shall annually be elected for three years, as near the beginning of the collegiate year as may be practicable, at a meeting called for the purpose as above provided for.

In case the place held by any elected member of the Senate becomes vacant, the members of the group in which the vacancy occurs may be called together by the President or Dean for the purpose of filling the vacancy by a new election.

The groups for the purpose of election shall be made up in the following manner :

1. The group of Applied Sciences, which for the purpose of this act, shall be deemed to include the departments of Agriculture, Horticulture, Architecture, Civil Engineering, Mechanical Engineering, Electrical Engineering, and Military Science.

2. The group of Natural Sciences, which for the purposes of this statute shall be deemed to include Mathematics, Physics, Chemistry,

Pharmacy, Botany, Zoology, Geology, Paleontology, Mineralogy, Veterinary Science, and Physical Culture.

3. The group of Languages, which for the purposes of this statute shall be deemed to include all the ancient and modern Languages, and their Literatures.

4. The group of Philosophy and History, which for the purposes of this statute shall be deemed to include Philosophy, History, Political Science, Political Economy, Finance, Pedagogics, and Law.

At the meetings of the Senate, the President, or in his absence, the Dean of the General Faculty shall preside.

The duties of the Senate shall be to assist the President; to counsel and advise in regard to all nominations for professorships; to advise in regard to such courses of study as may pertain to more than one Faculty of the University; and, in general, to consider any questions of University policy that may be submitted to them by the Trustees or by the President, or by either of the faculties.

The meetings of the Senate may be called together by the President, or by either of the *ex officio* members.

On motion, the above resolutions were referred to the Committee on Codification of Ordinance for consideration and report to the Executive Committee.

The following was presented, and, on motion, referred to the Faculty of the School of Law to report recommendations at the October meeting of this Board:

Resolution adopted by the C. U. Alumni Association, June 18, 1890:

WHEREAS, in accordance with the expressed desire of the Alumni of Cornell University, a resolution was presented to the Trustees in June, 1889, providing for an increase in the requirements for admission to the Law School, and for the lengthening of the course leading to the degree of LL.B.; and,

WHEREAS, No action was at that time taken upon said resolution;

Resolved, That the Associate Alumni of Cornell University, in annual meeting assembled, do earnestly request the trustees to take up for consideration the aforesaid resolution, and do respectfully urge the desirability of immediate action in this matter.

Resolved, That the Associate Alumni of Cornell University do hereby instruct their representatives in the Board of Trustees to advocate and support the views expressed by the Alumni concerning the requirements for the degree of LL.B.

G. W. HARRIS,
Rec. Sec'y, Cornell Alumni Association.

The certificate of the election by the Alumni of Walter C. Kerr, Cornell, '79, as Trustee of Cornell University for five years from June, '90, was presented and, on motion, ordered entered upon the roll of members of this Board.

The following was presented and adopted :

Resolved, That the Executive Committee be requested to consider the advisability of procuring from the Legislature an amendment of the Charter of Cornell University increasing by five the number of the Trustees of the University.

The application of Dr. B. G. Wilder for an increase of salary was, on motion, laid on the table.

Communications from Dr. R. H. Thurston on the subject of electric lighting and increase of power plant, were, on motion, referred to the Committee on Applied Science to report to the Executive Committee, and the Executive Committee were empowered to decide the questions involved, or to report to this Board at its Fall meeting.

On motion, *Resolved*, That the conduct of the Department of Mechanical Engineering in Sibley College during the past five years meets with the cordial approval and appreciation of the Board of Trustees ; and that it is the earnest wish of the Board that Dr. Thurston's connection with the University be continued.

The following was presented and, on motion, laid on the table until the Fall meeting of the Board :

Resolved, That during the year 1890-1 there shall be three regular meetings of the Board of Trustees, two of them to be held as at present, and the third to be held at Ithaca upon such date in the month of February as shall be designated by the Executive Committee.

Moved and carried, that Mr. Van Cleef and Mr. Wm. H. Sage be a committee to act with Judge Boardman in arranging details for the re-payment to the executor of the Fiske-McGraw estate the moneys received by the University on account of said estate.

On motion, adjourned until Thursday morning, at 9 o'clock, for the purpose of attending the Twenty-second Annual Commencement.

W. R. HUMPHREY, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 1, 1890.

Present : Trustees Boardman, White, Sage, Wm. H., Williams, Lord, VanCleaf, and Tyler.

On motion, ex-President White was called to the chair.

The Committee on Buildings and Grounds, to whom was referred a communication from Prof. Morris on the water system, recommended the repairing of the pumps, hydrants and cut-off valves, and the putting in of two or three new cut-off valves, so that the mains could be repaired without the entire stoppage of water supply, in case of breakage. The Committee also reported that they deemed it advisable at some future time to lay a 4 in. main from the new Library Building along Central Avenue to the Armory, with hydrants; also a 4 in. main from the rear of Sage College, along East Avenue from Dr. Thurston's to Prof. Smith's, with hydrants, the putting of stand-pipes with hose attached, in Sage College, and that a water-rate be charged for persons using water on the Campus, in order that the University may be repaid some portion of its large expenditures for water supply. Moved and carried, that the recommendations of the Committee be approved.

The Committee on Buildings and Grounds, to whom was referred the matter of changes at the Physical Laboratory and the Chemical Annex, submitted the following report :

- In the Matter of the re-arrangement of the Physical Department, and the application for an increase in facilities and room from Dr. Nichols, which application was referred to Committee on Buildings and Grounds, and was discussed by Mr. Sage, Prof. Nichols, Prof. Thurston and myself on two or three different occasions, and finally on the departure of Mr. Sage and the President, referred by them to me with the request that I act for the Committee, and decide the matters remaining undecided.

I have to report as follows :

Prof. Nichols having desired the complete use of the Annex, and the transfer of all the dynamos into it, and the putting in of a new fifty horse power engine to drive the dynamos and other machinery, the building of a tunnel from the Sibley building to the Annex, through which steam should be conveyed from the Sibley building to run the engine. It has been decided that this plan is hardly feasible at present, and it is now agreed between Dr. Nichols and Dr. Thurston, and I advise, representing the committee, that the buildings heretofore used for blacksmith shop and foundry be connected by a flat roof, the intervening walls taken out so that the buildings may be converted into one ; that the dynamos, except those used for the lighting plant be removed into that building and connected with the Sibley power ; that one of the largest engines now in the Sibley Department be moved into this building and used entirely for Physical Department work, whenever the water power is insufficient, or whenever special tests or experiments are being made for which a steady engine power is necessary.

This will involve the refitting of those buildings and some expense in removing dynamos and machinery into them, when Sibley Department can move out. I have advised against any permanent use on the part of the Physical Department of the Annex, but have authorized Dr. Nichols to make such temporary use of it as he finds desirable without material expense to the University, advising him, however, to confine all regular and permanent work to the Physical Laboratory.

The fourth item of Prof. Nichols' request is for a milling machine to cost \$500, or less. A suitable machine can be gotten for considerable less, that will do the work desired, as I understand it, and I believe that such a machine would be quite desirable for the workshop, as I find the class of work done could not be conveniently done on the milling machines now in Sibley building, still, I have not felt at liberty to authorize the purchase of such a machine.

The taking possession of the rooms in the building vacated by the Chemical Department, makes necessary some cases for apparatus, etc., the cost of which the Professor estimates will not exceed \$475, not all of which are yet needed. I advised him to cut this down to such cases as are now necessary, which he has agreed to do, and I have authorized his ordering them. Also that a stair-case may be built at the east end of the building over the present stair-case, to connect the second and third floors. I also advised the putting up of a wooden partition, and the refitting of the old qualitative laboratory for use for photographic work, etc., at a cost not to exceed \$270.

Prof. Nichols advised the rearranging of wires for conducting electric currents through the buildings, for reasons of safety against personal injury, as well as against fire. I authorized this re-wiring so far as was necessary to put in safe order.

He advised changing the water-closets, which can be done at slight expense, to permit of better ventilation and some increase in size, and at the same time somewhat improve the location, which I have authorized.

In addition to these matters there will be needed some furniture, and miscellaneous equipments, upon taking possession of the new rooms, which it is estimated will not exceed in cost \$500. I have directed an itemized statement of what he wants, which upon the acceptance of the Treasurer *as necessary*, he may consider himself authorized to order.

An application was made for an assistant janitor. I have declined to act upon this application, but have authorized the Professor to engage for temporary work so far as may be necessary to making these readjustments, Frank Calkins, brother of his present janitor, and the one whom he recommends for the appointment.

Considering the possible need in the future on the part of Sibley Colleges for additional lecture room space: I discussed with Dr. Nichols the need for lecture-room space in his department, and find that with the use of the rooms given up by the chemical department, it will be possible in case of emergency to accommodate for lecture or class-room exercises some of the Sibley classes, and thought it proper to have an understanding upon this subject in view of the fact that the two Sibley department buildings are now to be given up for the use of the Physical Department.

For the Committee,

GEO. R. WILLIAMS.

Moved and carried, that the foregoing report be accepted and approved.

Moved and carried that the modified plan for straightening and grading Cornell Avenue, as recommended by Prof. Prentiss, be approved and adopted.

The Committee to whom was referred, with power, a communication from Dr. Thurston in regard to heat, light and power, reported that they had authorized the following work: 1st. The putting of boilers and all accessories in perfect working order. 2d. The arrangement of the small boiler so as to work at maximum capacity, and, in connection with the heating system, enlarging its chimney flue for this purpose. 3d. The introduction of a blowing fan of am-

ple size and power, with its independent engine, and the fitting up of the boiler house, neatly and completely, for the work of the coming season. 4th. The changing of the drip from the cooling coils in Sage College so as to avoid the heating of the water in the sewer traps in the building, if possible. 5th. The readjustment of any defective systems in-doors of radiators and heating pipes. 6th. Check valves at the ends of the rising mains of the reservoir. 7th. The laying of an independent 4-inch feed pipe in the street from the rising mains opposite the reservoir to the boilers, with a hydrant at such place as shall be deemed best for the protection of Sibley shops.

The request of Dr. Thurston that the whole system of heating mains and service pipes throughout the grounds and buildings be overhauled and defects remedied, and that the American District Steam Co. be given an opportunity to repair defects found in the system due to original malconstruction, was referred to Dr. Thurston with power, he to report any questions involving large expense to Cornell University to this Committee.

The request that the cooling coils throughout be overhauled and made thoroughly efficient, where improvement was still needed, was referred to Dr. Thurston for examination and report.

The question of carrying the condensed water from the heating system at Sage College to the Armory, and there arranging for its further utilization, was left for a decision of questions in regard to the Gymnasium which are now under consideration by a special committee.

The introducing of a 4-ton scale into the Sibley College court, and of arranging some system of automatic steam regulation in the various rooms and buildings, were postponed for the present.

Moved and carried that the report of the Committee be accepted and approved.

The Committee on Applied Science, to whom was referred a communication from Dr. Thurston in regard to increase of power, recommended that such work as may be necessary upon the flume, dam, and power-house be authorized, and that the same be done in line with the recommendation of Dr. Thurston in his scheme No. 3, for using water and steam power combined; but that nothing be done beyond the present needs for power.

Moved and carried that the recommendation of the Committee be approved and adopted.

Moved and carried that the Finance Committee be empowered to sell any stocks, bonds, or other securities belonging to the University, for the purpose of repaying the amount due the Executor of the Jennie McGraw-Fiske estate.

Moved and carried that the Treasurer be authorized, with consent and advice of the Finance Committee, to borrow upon the note of the University an amount not exceeding \$500,000, and to deposit stocks or bonds as collateral, for the purpose of repaying the amount due the Executor of the Jennie McGraw-Fiske estate.

Moved and carried that the Treasurer be authorized to charge the total investment made by Cornell University in Topeka East Side Railway bonds, and Receiver's certificates, to the 5 per cent. surplus fund.

Moved and carried that the size of the lot granted Prof. Laughlin be fixed at 100 feet front on Grove Place by 190 feet in depth.

Moved and carried that the resignation of Assistant Professor C. D. Marx be accepted.

Moved and carried that the sum of \$600 be added to the Agricultural appropriation for the current year.

Moved and carried that the Treasurer be authorized to pay \$25 towards the expenses in Washington during the past winter of the the Committee of the Association of American Agricultural Colleges and Experiment Stations.

Moved and carried that the Treasurer be authorized to pay \$30 towards the expenses of the Committee for securing the exemption from taxation of religious, charitable, educational and benevolent corporations.

Moved and carried that Dr. Wilder be allowed to draw \$50 upon account of next year's appropriation to his department.

Moved and carried that the Superintendent of Grounds and the Treasurer be authorized and requested to have Cornell Avenue widened and graded, in accordance with the plan adopted by this Committee.

Adjourned.

E. L. WILLIAMS,
Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 22, 1890.

Present, Trustees Boardman, Van Cleef, Williams, Sage, Wm. H., Lord, and White.

On motion, Judge Boardman was called to the chair.

On motion, *Resolved*, That Manson F. Backus, of Seattle, in the State of Washington, be and is hereby constituted and appointed the Agent of Cornell University, to reside at Seattle, in the said State, and is hereby authorized and empowered to accept service of process in any action or suit pertaining to the property, business or transactions of said University within the State of Washington, in which Cornell University may be a party; and that the City of Seattle, in the State of Washington, shall be the principal place of business of said Cornell University in said State.

Resolved, That the Treasurer of the University be authorized and directed to forward to Mr. Backus a certificate of his appointment as Agent of the University in the State of Washington.

On motion, *Resolved*, That the Treasurer be and is hereby authorized to assign or discharge the \$100,000 mortgage of the Denny Hotel Co., of Seattle, upon receipt of payment of principal and interest, and a bonus of \$3,750.

On motion, *Resolved* That the Treasurer be authorized to repay to the Executor of the Jennie McGraw-Fiske estate all funds in the hands of the University belonging to said estate, in accordance with the decree of the Surrogate of Tompkins county.

Moved and carried that \$20 be added to the appropriation for Law School prizes.

Moved and carried that the letter of Prof. Viall, addressed to President Adams, be laid on the table for two weeks.

On motion, *Resolved*, That the Treasurer be authorized to withdraw all advertisements of the School of Pharmacy, and insert in their place such advertisements of the course in Chemistry as may be agreed upon by the Treasurer and Dr. Newbury.

On motion, *Resolved*, That the Dean or Registrar be authorized to inform those asking information in regard to the Department of Pharmacy, that they will be received, and upon completion of their course a diploma will be granted them specifying the studies pursued, and showing that they are fitted for the work of Pharmaceutical Chemists; but that the holders of such diplomas will not be considered as Alumni of the Institution.

Adjourned.

E. L. WILLIAMS, Sec'y.

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