



CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 16, 1891.

Present—Trustees Sage, H. W., Boardman, Adams, White, Lord, Tyler, Van Cleef.

On motion, Mr. John M. Barr was appointed Assistant Professor of Mechanical Engineering for three years, at a salary of \$1,800 per annum.

A communication from Director Thurston in regard to re-organizing the labor corps at Sibley College was ordered filed.

A communication from Director Thurston, in regard to additional protection against fire at Sibley College, was referred to Committee on Buildings and Grounds to examine and report.

Moved and carried, that the Committee on Buildings and Grounds be requested to examine and report as to advisability of increasing the size of the water main upon the campus.

Moved and carried, that Mr. W. A. Finch be appointed Assistant Professor of Law for the next collegiate year, at a salary of \$2,000.

Moved and carried, that the salary of Associate Professor Brainard G. Smith be increased to \$2,400 per annum.

On motion, appropriations in the Agricultural Experiment Station were made for next year as follows :

Division of Agriculture,	\$300
“ Horticulture,	500
“ Entomology,	100
“ Chemistry,	200
“ Botany,	100— \$1,200

A resolution adopted by the University Senate, asking that the University Statutes be so amended as to permit the Senate to choose its presiding officer in the absence of the President, was read, and on motion, laid on the table.

The report of the Committee on Natural Sciences, presented at the last meeting of this committee, in regard to the apportionment of the room in McGraw Hall to be vacated by the Library, was on motion, approved and its recommendations adopted.

Moved and carried, that the Treasurer be authorized to pay transportation charges and expense of boxing the collection of archaeological casts presented by Mr. Sage.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 17, 1891.

Present—Trustees Cornell, Adams, Draper, Potter, Tyler, Williams, Van Cleef, Boardman, Sage, H. W., Barnes, Hiscock, Lord, White, and Kerr.

Messages were received from Hon. Stewart L. Woodford, and Dr. Daniel E. Salmon, regretting their inability to be present.

Minutes of the meeting of Feb. 18th were, on motion, approved as printed.

Minutes of the Executive Committee since the date of the last meeting of this board were, on motion, approved as printed, and their action approved, ratified and confirmed.

The following was presented :

WHEREAS, this board did at a former meeting provide for the erection upon on the University grounds of a building for the Agricultural College, and provide for the accumulation of a sufficient fund for that purpose from the annual surplus of the University income, and, whereas, it is expected that the Fayerweather bequest will be paid into the treasury within the present year ;

Resolved, That the Executive Committee be empowered and directed to temporarily appropriate a portion of the funds of said Fayerweather bequest to enable them to erect said Agricultural Hall at the earliest possible time, and that they shall thereafter restore the said Fayerweather fund with six per cent. per annum on such diversion from the annual accumulations to the Agricultural Building fund heretofore provided for.

Ayes and nays being called, the resolution was lost by the following vote : Ayes, Cornell, Adams, Draper, Potter, Tyler, Boardman, and White,—7. Nays, Williams, Van Cleef, Sage, Barnes, Hiscock, Lord, and Kerr,—7.

The following was presented by Judge Draper :

Resolved, That the Executive Committee be directed to forthwith proceed with the Agricultural building, using funds for that purpose which have recently been received from the State, and that the Law building, contemplated in the action of the board at the February meeting, be erected from funds which would have been used for the Agricultural building if the State appropriation had not been received, when such funds are available.

Moved and carried, that the resolution presented by Judge Draper be laid on the table, on the ground that this board has already voted to dispose of the money in question.

Moved and carried that when the board adjourn, it be at 12 o'clock, for a recess until 2.30 P. M.

Resolved, That the question of readjusting the courses and places of instruction as raised by the Director of the College of Civil Engineering, be referred to the Committee on Applied Science to investigate and report. Carried.

Resolved, That the question of power in the Dynamo room, as raised by the Professor of Physics, be referred to the Committee on Applied Science to investigate and report at the October meeting. Carried.

Resolved, that the recommendations of the Principal of Sage College, as given in her report, be and are hereby referred to the Committee on Sage College, with power. Carried.

Resolved, That the connection of the sewer pipes in the rear of Sage College, to which attention has been called by the Health Officer of the University, Dr. Law, be and is hereby referred to the Committee on Buildings and Grounds, with the recommendation that in case they shall find the connections in any way defective, the defect be corrected in the course of the present summer. Carried.

Resolved, That \$300, or so much thereof as may be needed, be and is hereby appropriated for the purchase of such books as in the judgment of the Principal of Sage College and the Librarian of the University may be of most service to students in Sage College, the same to belong to the general library, but to be under the responsible custody of the Principal of Sage College. Carried.

Resolved, That \$100 be and are hereby appropriated, in accordance with the request of the Professor of Physical Culture, for the employment of a female medical examiner in Sage College. Carried.

Resolved, That we proceed to ballot for two trustees in place of Messrs. Carnegie and Williams, whose terms of office expire this day. Carried.

Upon ballot duly had, Hon. Andrew Carnegie and Mr. George R. Williams were unanimously elected Trustees for five years from this date.

The lists of students recommended by the General Faculty and the Faculty of the School of Law for graduation at the Twenty-third Annual Commencement to be held to-morrow, the 18th inst., were presented, and on motion, the degrees were ordered conferred, as recommended.

The following was presented :

ITHACA, N. Y., June 11th, 1891.

To the Trustees of The Cornell University :

I respectfully tender my resignation as Professor of Law in this University, to take effect at the end of my current year of service.

FRANCIS M. BURDICK.

Resolved, That in accepting the resignation of Professor Francis M. Burdick we desire to express to him our high appreciation of the services he has rendered to the School of Law in this university, and our hope that his erudition in the Law and his skill as a teacher will ensure for him an equal success in his new field of labor. Carried.

Resolved, That Mr. George L. Burr be, and hereby is appointed Associate Professor of Ancient and Mediæval History, at a salary of \$2,000 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

Resolved, That Mr. A. C. Miller, Ph.D., be and hereby is appointed Associate Professor of Political Economy and Finance in this University, at a salary of \$2,000 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

Resolved, That Mr. Charles Lee Crandall, C.E., be and hereby is appointed Associate Professor of Civil Engineering at a salary of \$2,200 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

Resolved, That Mr. Irving Porter Church, C.E., be and hereby is appointed Associate Professor of Civil Engineering at a salary of \$2,200 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

Resolved, That Mr. Alfred Emerson, Ph.D., be and hereby is appointed Associate Professor of Classical Archæology and Curator of the Museum of Casts at a salary of \$2,500 per annum, the same to take effect at the beginning of the next collegiate year. Carried.

The following communication was presented :—

CORNELL UNIVERSITY, June 13, 1891.

To the President and Trustees of Cornell University :

GENTLEMEN :—

At a meeting of the University Senate, held Thursday, June 11th, the following nominations to full professorships were submitted by the President of the University for its consideration :

1. Mr. Charles E. Hughes, A.B., to be Professor of Law.
2. Professor Lucien A. Wait, A.B., to be Professor of Mathematics.
3. Acting Professor S. B. Newbury to be Professor of General Organic and Applied Chemistry.

At an adjourned meeting of the Senate, held to-day, action on these nominations was taken as follows :

(1.) Concerning the nomination of Mr. Charles E. Hughes to be Professor of Law, it was voted that the Board of Trustees be recommended to make this appointment, twenty-two votes being cast in the affirmative, and none in the negative.

(2.) Concerning the nomination of Professor Lucien A. Wait to be Professor of Mathematics, it was voted that the nomination be approved, and that the Board of Trustees be recommended to make this appointment, the vote being nineteen to one.

In connection with this action the following resolution was adopted, which the Secretary of the Senate was directed to communicate to the Board of Trustees :

Resolved, That in consideration of his admirable ability as an instructor in Mathematics, and as an organizer of the work of the mathematical department, and upon the assurance of his withdrawal from the tutorial work of Cascadilla School, we make the recommendation of the election of Associate Professor Wait to the full Professorship.

Concerning the nomination of Professor S. B. Newbury to be Professor of General, Organic and Applied Chemistry, a motion to recommend this appointment was lost, there being four votes in the affirmative and seventeen in the negative.

In connection with this action the following resolution was adopted, and the Secretary was directed to communicate the same to the Board of Trustees :

Resolved, That while the Senate appreciates the zeal, ability and promise of Dr. S. B. Newbury, it believes that it would be inexpedient to confirm his nomination.

Yours respectfully,

G. C. CALDWELL, Secretary.

The following was presented :—

Resolved, That Charles E. Hughes, A.B., be and hereby is appointed Professor of Law, at a salary of \$3,000 per annum, the same to go into effect at the beginning of the next academic year.

Upon ballot duly had, the foregoing resolution was unanimously adopted.

Resolved, That Lucien A. Wait, A.B., be and hereby is appointed Professor of Mathematics, without increase of salary.

Upon ballot duly had, the foregoing resolution was unanimously adopted.

Resolved, That the Secretary be directed to attach to the official notification to Professor Wait of his election to a full Professorship

of Mathematics, a copy of the resolution of the University Senate, asking his withdrawal from the tutorial work of Cascañilla School.

Resolved, That the 7th of October next be, and hereby is designated as the date for the dedication and opening of the Library Building.

Resolved, That the President be and hereby is authorized to invite the Hon. George W. Curtis, Chancellor of the University of the State of New York, to be present as the orator of that occasion. Carried.

Resolved, That His Excellency the President of the United States be invited to attend the ceremonies at the opening of the New Library Building on the 7th of October next.

Resolved, That ex-Governor Cornell be a Committee of one to extend the foregoing invitation.

Resolved, That the expenses connected with packing, transporting and setting up the collection of casts illustrative of the History of Ancient Sculptural Art, presented by Hon. Henry W. Sage, also the expense of arranging and decorating the rooms where it is to be displayed, be borne by the University, in accordance with the request of Professors Wheeler and Hale. Carried.

Resolved, That the Executive Committee be requested to consider carefully the several recommendations of the Professors in regard to permanent provision for the publication of papers embodying the results of important research carried on at the University, and to report to this Board in regard to the same at an early day. Carried.

Resolved, That \$200, or so much thereof as may be needed, be and hereby is appropriated for the purpose of employing a messenger boy to be under the control of the President's office. Carried.

Moved, that the salary of E. A. Fuertes, Director of the College of Civil Engineering, be increased to \$3,600. Lost.

Resolved, That the Finance Committee be empowered and requested to confer with Hon. H. W. Sage, and to accept from him either money or securities, as in their judgment may seem best, in payment of his endowments to the School of Philosophy, and the Library.

Moved and carried, that the title of Dr. Hitchcock be changed from that of Professor of Physical Culture, to that of Professor of Physical Culture and Hygiene.

The certificate of the election by the Alumni of Robert H. Tremain as Trustee of Cornell University for five years from date, was presented and placed on file.

The following was presented :—

At a meeting of the Board of Trustees, February 18, 1891, it was *Resolved*, That a Special Committee, consisting of the Committee on Finance, together with Trustees Potter and Barnes, be requested to inquire and report at the June meeting of this board, whether it will not be wise in the future to make its investments more largely in urban productive real estate.

The difficulty and expense attending a joint session of the members has led to obtaining the views of Messrs. Potter and Barnes by correspondence, and their letters upon the subject to be considered are hereto annexed as a part of this report.

The members of the Finance Committee concur in the views presented in those letters, if they could be carried into effect with the requisite prudence and sagacity. The members of the Finance Committee can not do such work as to wisely purchase real estate in New York or other large cities.

The persons doing such business and making such investments, should reside in the city where purchases are to be made and must know the value of property, its rental value and the tendency of business in the future. He should be capable of handling the same when bought to the best advantage, securing good tenants, making necessary repairs, watching the insurance thereon, protecting it from excessive taxation and doing whatever may be requisite or necessary to build up and perpetuate the value and productiveness of the property.

These qualities may be possessed by individuals who are now in this board. But no such person could or would undertake such an enterprise for the University. The labor and responsibility would be too great. Columbia College has been enriched by the growth in value of land, but such lands were not bought as investments but for actual use. Harvard, with its managers generally residing in Boston, has been able to make such investments profitable without imposing great duties upon one or two. If our Trustees mostly resided in New York or some other great city, the opportunities to make judicious investments would easily and naturally come to the knowledge of the board and the joint wisdom of the body could be brought to bear upon the question of the purchase.

But if we enter upon such a plan it will be necessary to find some suitable person in such city who possesses the requisite qualifications of knowledge of the property, sound judgment, perfect honesty, devoted industry and trustworthiness, and give to him vast power and discretion. Assuming that such an agent could be got, his ability would command a high salary. Even then the business would not be conducted with the zeal, intelligence and thrift which an owner

would bring to bear. Fires, taxes, assessments, insurance, loss of rents, commissions, repairs, changes, etc., etc., might disappoint reasonable expectations entertained when the purchase was made.

The members of this committee believe we are not in a position to make such investments, but if it should be resolved upon, suitable and reliable persons should be secured, inside of the board if possible, who should devote the necessary time and attention to the business. The members of the Finance Committee decline to assume such duties by reason of their lack of local knowledge of city real estate and values and their distance from the localities where such investments would necessarily be made.

This reported is submitted without recommendation of any action.

Dated, Ithaca, June 16, 1891.

D. BOARDMAN,
O. B. POTTER,
H. B. LORD,
GEO. R. WILLIAMS,
H. W. SAGE,
A. C. BARNES.

PUBLISHING HOUSE OF A. S. BARNES & COMPANY, }
New York Office, June 6, 1891. }

HON. D. BOARDMAN, Ithaca, N. Y.

My Dear Judge :—

Without much personal experience, for I am not so fortunate as to own any real estate in New York city, I would say that any investments in that line under such advice as Mr. Potter could give us, would seem to be most desirable. There appears to be an almost certain and steady increase in value of judiciously selected property. Some observers consider prices already very high, but so we have thought for years, and the ratio of progress continues uninterruptedly. I would advise business property or tenement houses, earning already four or five per cent. net. Dwelling houses are not so good, and of course vacant lots would interrupt our income.

The same advice would hold good, I fancy, with the prospect of still more rapid increase, in thriving business centres at the west, preferring the newer cities, though I have heard of excellent opportunities to purchase in Buffalo, Detroit and Louisville. I should regard St. Paul, Kansas City and Denver as very promising. Also in the south, Atlanta, Ga., and Dallas, Texas. Chicago will be a grand place to invest *after* the World's Fair.

Very truly yours,

A. C. BARNES.

POTTER BUILDING, N. Y. CITY,

June 5th, 1891.

HON. DOUGLAS BOARDMAN,

Ithaca, New York.

My Dear Sir :

I am clearly of the opinion that the most safe as well as the most profitable investment which can be made of the funds of Cornell University, from which a certain income is sure to be realized, may be found in productive real estate in the larger cities within our own state. My own experience has, of course, been mainly in the city of New York ; but this experience enables me to say that any prudent investor, exercising fair judgment, may purchase real estate in this city, by making judicious selections as properties from time to time into market, so that he cannot fail to realize a net income, above taxes and expenses, of five per cent. upon the investment. In addition to this, my own experience has convinced me that the actual advance in the value of such property here averages at least two per cent. per annum, and that the rental value advances in proportion. To maintain this advance, it is only necessary that the population and business of the city be doubled once in fifty years, which is far less than the rate of advance made during the last forty years while I have been a resident here. It is not at all difficult, by watching opportunities, to secure investments of this class which will yield five per cent. net income above all expenses, with a certainty of advance in the value of the property of not less than two per cent. per annum. During an experience of nearly forty years, in which I have been a pretty constant purchaser of improved real estate here, I cannot recall any case in which the result has not been considerably more profitable than this. For my own part I cannot conceive of any investment so safe for the funds of our university as in the productive real estate of our large cities. There are also some important elements of security in this class of investment difficult to obtain in any other. Our currency, although now equal to gold, and probably likely to remain so, is, nevertheless, not absolutely certain in this respect, especially since the decision of the Supreme Court declaring that Congress has power at any time, whether in peace or war, at its own discretion, to make paper money legal tender, without limit, for obligations not contracted to be paid in coin. The owner of real estate in fee can always adjust his rents to the condition of the currency. If the currency becomes debased and is not worth par in coin, the rental value of real estate in cities always rises proportionately to the fall of the currency, so that the income of the owner of real estate cannot be affected, except temporarily during the terms of leases then in existence, while investments up-

on mortgages or upon other securities payable in money may always be discharged at maturity in the currency of the country, whatever its value. I know it may be said that mortgage security or other securities may be purchased payable in gold, and thus fluctuations in the currency be provided against; but I am quite clear that no wise institutions loaning money will be willing to commence the discrimination in our currency, which would be involved in requiring such security, inasmuch as it would inevitably and speedily bring about throughout the country a practical difference in value between paper money and gold, which would result in the withdrawal of coin from the market as money, and bring about certain catastrophe throughout the country.

I am not certain whether I shall be able to be at Ithaca before June 17th. I should like very much to be up there at the coming jubilee on the 11th, but I must be governed by the necessities of my own business here.

Very respectfully yours,

O. B. POTTER.

Moved and carried, that the foregoing report, together with the letters accompanying same, be accepted and printed in the minutes.

Resolved, That the Chair appoint a Committee on real estate investments, whose powers shall be advisory, and who shall submit, from time to time, any recommendations which to them may seem wise, to the Executive Committee for action. Carried.

The Chair named Trustees Potter and Barnes such Committee.

Moved and carried, that Trustees Potter and Barnes be requested to investigate the property now for sale at the corner of Broadway and Walker St., New York City, and to report with recommendations to the Executive Committee.

The following was presented and on motion laid on the table:—

WHEREAS, The governors of this and neighboring states, as well as various public organizations, have called attention to the faulty construction and wretched maintenance of the road system of these states, and

WHEREAS, This condition of things is exceedingly injurious to the commercial, manufacturing, and especially to the agricultural interests of the country, and

WHEREAS, The Cornell University recognizes its duty under its charter to promote these interests by research, experiment, and instruction,

Resolved, That the Professor of Civil Engineering, the Professor of Agriculture, and the Professor of Horticulture, in the University,

be and are hereby constituted a special committee to prepare a plan to be laid before the Executive Committee at the earliest convenient day, for gradually bringing the roads of the University property in Ithaca into thoroughly good condition, using such materials as shall be most suitable and economical, preferably those obtained in the neighborhood of the University, the whole plan to be conducted with strictest regard to economy of construction while securing thoroughness and permanence. And that said special committee also present careful estimates of the cost of various methods of thus reconstructing and improving the different lines of communication on the University property.

Resolved, That in the opinion of this board it will be advisable to construct the various roads, not all upon exactly the same plan, but in accordance with such different systems as may have already been proved economical and permanent elsewhere, and to keep careful account of the cost of construction and maintenance of each.

Resolved, That when any road shall have been constructed as above, there shall be placed near it at some point within public view, for the information of the public, an inscription giving the cost per mile of such road, and that at a later period there shall be added to this a statement of the average cost of maintenance per mile per year.

Resolved, That a sum not exceeding dollars be and is hereby appropriated during the University years 1891 and 1892, for the purpose of carrying out the improvements contemplated in these resolutions, and that the Executive Committee be requested and directed to see that arrangements be made at the earliest day possible for initiating and carrying on such improvement.

Resolved, That the President of the University be requested to take measures to have this action of the board made known as widely as possible through the agricultural and general press of the country.

Moved and carried, that the Professor of Civil Engineering, the Professor of Agriculture, and the Professor of Horticulture, be requested to examine and report to this Board at its October meeting as to the practicability and cost of making the roads suggested in the above resolutions.

Moved and carried, that when the Board adjourns it be until October 7th, to attend the ceremonies at the opening of the New Library Building.

Moved and carried, that the regular Fall Meeting of this Board be appointed for October 8th next, at 9 a. m.

Adjourned.

W. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 20, 1891.

Present—Trustees Sage, H. W., Boardman, Adams, White, Lord, Treman, and Tyler.

Moved and carried, that \$200 be and is hereby appropriated for putting the White Architectural Library in good condition during the summer vacation, as recommended by Librarian Harris.

Moved and carried, that Architect Miller be directed to go forward with the plans for the Law School Building, adopted June 9th, and to prepare same for contractors at the earliest possible day.

Moved and carried, that the Chairman of the Board be authorized in his discretion to enter into a contract for the erection of the Law School Building.

On motion the sum of \$10,000 was appropriated from the Agricultural Experiment Station Fund for salaries 1891-92, as follows: Director, \$1,500; Deputy Director and Secretary, \$2,000; Horticulturist, \$2,000; Assistant in Agriculture, \$1,000; Assistant in Entomology, \$750; Assistant in Horticulture, \$750; Assistant in Chemistry, \$1,000; Assistant in Botany, \$1,000.

Moved and carried, that Mr. W. F. Giese be and is hereby appointed Instructor in French for the next collegiate year, at a salary of \$1,000.

The following was presented and on motion accepted:—

To the Executive Committee:

GENTLEMEN:—

The committee to whom was referred the matter of the assignment of rooms in the new Library building beg leave to report that they have received the applications of the various departments of the University and have looked into the subject with thoughtful care. Application has been made for a seminary room in Latin, in Greek, in Philosophy, in Political Economy, in American History, in European History, in the Modern Languages, in Mathematics and in Physics. A communication was also received from the Librarian, stating that it was highly desirable that a room should be set apart

for maps, charts, and manuscripts. It is obviously impossible to afford a room for each of these departments. Several of the departments have expressed a willingness to unite with others in sharing the accommodations afforded. But even by following this policy, we are unable to accommodate all the departments without introducing into the same room studies that are too incongruous for success.

It has seemed to us on the whole that the departments of Mathematics and Physics will suffer less than any others if they are required to put up with the accommodations at present afforded. The various branches of the Modern Languages have asked for the three adjacent rooms in the basement; but if these rooms were assigned to them, it would not be practicable to accommodate the departments of Greek and Latin; and the committee is of the opinion that these departments are of so much importance that they cannot be crowded out. Indeed, there is evidence that the work done in the Greek and Latin seminaries is so great that we cannot afford not to give them the requisite accommodation. After looking the matter all over, we have arrived at the following conclusions:

1. That the north room in the basement be assigned for seminary uses to the department of Rhetoric and English Literature.
2. That the middle room be assigned to the departments of Greek and Latin.
3. That the south room be assigned to the departments of Germanic and Romance Languages.
4. That the long room, north of the large audience room, be assigned to the departments of Political Economy and Political and Social Science.
5. That the room adjacent to the main floor of the library be assigned to the department of Philosophy.
6. That the south room, connected with the White Library, be assigned to the department of American History.
7. That the north room, connected with the White Library, be assigned to the departments of Ancient, Mediæval and Modern European History.

Respectfully submitted,

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

Moved and carried, that the salary of Mr. W. H. Hudson be increased to \$1,600, to take effect at the beginning of the next collegiate year.

Moved and carried, that Registrar Griffin be granted \$100 additional compensation with the understanding that he remain in charge of the office until August 1st.

Moved and carried, that the Committee on Buildings and Grounds be authorized and empowered in their discretion to assign a building lot upon the Campus to Professor Charles E. Hughes.

Moved and carried, that the sum of \$100 be appropriated for music at Commencement.

Moved and carried, that the authority granted ex-President White, under the resolution of Nov. 22, 1888, to contract for a bust of the late Hiram Sibley, be and the same is hereby continued.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 26, 1891.

Present—Trustees Sage, H. W., Boardman, White, Lord, Sage, Wm. H., Williams and Treman.

Resolved, That so much of the action of this committee as authorized the placing of the collection of archæological casts in McGraw Hall, and the preparation of a room therein for the same, be rescinded.

Resolved, That the said collection of casts be placed in the lower hall of the new Library building. Carried.

Resolved, That the Director of Sibley College be authorized to change the dam and flume of the Sibley water power, obtain new wheel, and to take such steps as may be necessary for making the power available, in accordance with his scheme No. 3, approved by this committee July 1, 1890, the expense to be within the estimate made in Dr. Thurston's communication of June 16, 1890, viz. : \$5,000.

Resolved, That this committee recommend to the full board the appointment of Albert W. Stahl as Associate Professor and Principal of the graduate School of Marine Engineering and Naval Architecture for three years, at a salary of \$3,500 per annum, in accordance with the request of Director Thurston. Carried.

Resolved, That Director Thurston be authorized, in his discretion, to invite non-resident lecturers for the coming year in the School of Marine Engineering and Naval Architecture, the expense to be kept within the limit of the appropriation available for such school.

Resolved, That the question of additional boilers at Sibley College for heating and motive power, be referred to the Committee on Applied Science with power.

Moved and carried, that Mr. John White, Jr., be appointed Assistant in General Chemistry for the next collegiate year, at a salary of \$500, in place of Mr. F. L. Kortright, resigned.

Moved and carried, that \$250 be appropriated for the payment of retainer to Hon. Fremont Cole, as counsel in Denny Hotel matters.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., July 7, 1891.

Present—Trustees Boardman, Sage, Wm. H., Treman, White, and Lord.

On motion, Judge Boardman was called to the chair.

Moved and carried that a strip of land 15 feet east and west and 100 feet north and south be added to the east end of the lot recently granted the Sigma Phi Society.

Moved and carried, that the sum of \$89 75 be appropriated for the purchase of the stereotype plates of the three numbers of Studies in Classical Philology.

The following communication was presented :

ITHACA, N. Y., July 2, 1891.

Mr. E. L. Williams, Sec'y, etc., Ithaca, N. Y. :

DEAR SIR :—

At a meeting of the Council of the Agricultural Experiment Station, held June 30, 1891, the following action was had :

Resolved, That the Council recommend to the Executive Committee the following appointments :

That Mr. Harry Snyder be reappointed Assistant in Chemistry in the Experiment Station for the year 1891-2 at a salary of \$1,000.

That Mr. M. V. Slingerland be transferred from Instructor in Entomology, to Assistant in Entomology in the Experiment Station for 1891-92, at a salary of \$750, and that Mr. Alex. D. MacGillivray be appointed Assistant in Entomology for 1891-2 at a salary of \$500 to be paid from the Congressional Industrial Fund.

That Mr. E. G. Lodeman be reappointed Assistant in Horticulture in the Experiment Station for the months of July, August, and September at the rate of \$750 per year.

Resolved, That the Council recommend to the Executive Committee the following appropriations for the year 1891-92 :

From the Building fund \$50, or so much of it as may be necessary for repairs to the foundation of the forcing-house, .

	\$ 50 00
For the Division of Agriculture,	100 00
For the Division of Horticulture,	400 00
For the Division of Entomology,	300 00
For the Division of Chemistry,	100 00
For Printing and Office Expenses,	2,500 00

Total recommended,	\$3,450 00
Already appropriated, for salaries,	10,000 00
“ “ for Division expenses,	1,200 00

Total,	\$14650 00
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Reserved for emergencies,	350 00
Total,	<u>\$15,000 00</u>

Very truly yours,

H. H. WING, Sec'y.

Moved and carried, that the recommendations of the Agricultural Experiment Station Council be approved, and that appointments and appropriations be made in accordance therewith.

Moved and carried, that Trustee Treman be placed on standing committees in place of his predecessor, Mr. Van Cleef.

Moved and carried that the request of Professor H. S. Williams for cases in the Museum of McGraw Hall be granted.

Moved and carried that the request of Professor H. S. Williams for changes in Geological Lecture Room, and room west of same, and for an elevator in the tower of McGraw Hall, be referred to the Treasurer to investigate and report recommendations and cost at the next meeting of this Committee.

Moved and carried that the third floor, south wing, of McGraw Hall, heretofore used as a library store-room, be appropriated to the use of the Professor of Geology, for storing the U. S. geological survey materials.

Moved and carried that so much of the request of Dr. Wilder as refers to cutting windows through the outside walls of McGraw Hall be denied.

Moved and carried that all doors heretofore made, or which shall hereafter be made, between the middle section and the north and south wings of McGraw Hall be made, so far as possible, fire-proof, by covering same with metal.

Moved and carried that the remainder of Dr. Wilder's communication in regard to changes in the north wing of McGraw Hall be referred to the Treasurer to examine, with Professor Gage, and to report recommendations and cost at the next meeting of this Committee.

Moved and carried that the following be substituted for the resolution in the minutes of this Committee of May 12, 1891 (printed Minutes, page 86), viz. :

Resolved, That hereafter the income derived from the Dean Sage Sermon Fund shall be used for preaching in Sage Chapel during the Spring and Fall terms only; and that a sufficient sum, in addition thereto, be appropriated from the General Fund to permit of the payment of \$100 per Sunday for such preaching. Carried.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., July 23, 1891.

Present—Trustees White, Lord, Sage, Wm. H., Williams and Tremen.

On motion, Mr. White was called to the chair.

The report of the Treasurer in regard to repairs and changes in McGraw Hall, was, on motion, accepted and adopted, and \$3,236, or so much thereof as may be necessary, appropriated for the following purposes :

GEOLOGICAL DEPARTMENT.

Ten museum cases,	\$1,000
Moving Geological Museum,	250
Changes in Lecture room and room west of same,	200

ANATOMICAL DEPARTMENT.

Dividing present Lecture room, and lowering seats,	350
Stairway to room over lecture room and partitioning same into four rooms, door into bird gallery of main Museum, and changing the windows to square bases,	375
Cupboards, museum cases and cabinets,	395
Fire-proof alcohol room and room for cats,	80
Store room for glass jars and supplies,	50
Changes in steam coils and additional coils in rooms over lecture room,	200
Gas-fitting,	65
Fourteen work tables and sixty-six adjustable stools,	180
Moving and fitting up hand-elevator,	40
Cremating apparatus for laboratory waste,	50

Moved and carried, that the Treasurer be authorized to advance the sum of \$100 to Professor Alfred Emerson on account of salary for next year.

The report of George R. Williams in regard to the purchase of the East Side Street Railway of Topeka, Kan., and the real estate connected therewith was, on motion, accepted, and the action of Mr. Williams, so far as he represented the University, approved.

Moved and carried, that the Treasurer be authorized to forward the bonds of the East Side Street Railway Co., of Topeka, belonging to the University, to Rossington Smith & Dallas, attorneys of Topeka, to be cancelled and delivered on receipt of the title papers of the property bought at the recent sale, together with transcript of judgment for deficiency.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Aug. 8, 1891.

Present—Trustees Sage, H. W., Lord and Williams.

Moved and carried that the resignation of Assistant Professor C. B. Wing be accepted.

Moved and carried that the Treasurer be directed to have the water from the University reservoir cut off from the McGraw-Fiske house.

Moved and carried that the note of Ex-President White recommending the preparation of maps for Professor Herbert Tuttle, be accepted and adopted as the report of the committee appointed June 9, and that \$100 be appropriated for the expense of preparing said maps.

Moved and carried that the Treasurer be authorized to deposit \$100,000 in any two or more of the following Trust Companies, viz. : The Central, Metropolitan, United States, or Union, at best interest rates obtainable.

Moved and carried that the Treasurer be authorized to accept the proposition of Ginn & Co., of Boston, to publish for three years the *Philosophical Review*, the University to pay for the plates of each edition, and Messrs. Ginn & Co. to do the work, furnish the paper, press-work and binding, and postage, and pay all other expenses incidental to publishing such *Review*, for twenty-five per cent. of the receipts.

Moved and carried that the resignation of Instructor V. F. Masters be accepted.

Moved and carried that Arthur Starr Eakle be appointed Assistant in Mineralogy and Geology for the collegiate year 1891-92, to assist the Assistant Professor in the Blow-pipe Analysis and Mineralogy classes, and the General and Economic Geology Laboratory work, at a salary of \$500 per annum.

Moved and carried that Mr. Gilbert Van Ingen be appointed Assistant in Paleontology for the year 1891-92, at a salary of \$300 per annum, with the understanding that Professor H. S. Williams will also pay him \$300 per annum, and that one-half his time be devoted to Laboratory and Museum work for the University, and the other half to United States Survey work, under direction of Professor Williams.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Sept. 17, 1891.

Present—Trustees Sage, H. W., Sage, Wm. H., Williams, Treman and Lord.

Resolved, That Mr. F. P. Spalding be and is hereby appointed Assistant Professor of Civil Engineering for one year, at a salary of \$1,400, in place of Mr. C. B. Wing, resigned.

Resolved, That Professor E. A. Fuertes be and hereby is authorized, in his discretion, to tender to Mr. C. W. Sherman or Julius Prince an Instructorship in Civil Engineering for one year, at a salary of \$1,000, in place of Mr. H. K. Vedder, resigned,

Moved and carried, that Mr. W. O. Stubbs be and is hereby appointed mechanic in the College of Civil Engineering, at a salary of \$2.00 per day, in place of Mr. Olin Blakeslee, resigned.

Moved and carried, that Instructor G. W. Bissell be released from his engagement in Sibley College for the coming year.

Moved and carried, that Mr. O. G. Heilman be appointed Instructor in Experimental Engineering in Sibley College for one year, at a salary of \$750, in place of Mr. G. W. Bissell.

Moved and carried, that Director Thurston be authorized to employ an additional assistant in the department of Electric Lighting, and an additional fireman, as suggested in his communication of Sept. 1.

Resolved, That in accordance with the request of Naval Constructor A. W. Stahl, he be released from any obligation to accept the appointment of Professor of Marine Engineering and Naval Architecture, and the Principalship of the Graduate School of Marine Engineering and Naval Architecture, for which he was recently recommended in this University.

Resolved, That Professor W. F. Durand, Ph.D., be and is hereby appointed Associate Professor of Marine Engineering and Principal of the Graduate School of Marine Engineering and Naval Architecture, at a salary of \$2,500 per annum.

Moved and carried, that the sum of \$7,447 be appropriated for meeting the expense of the electric lighting system in the new Library building, Sage College and upon the grounds; an equitable division of the expense of the same to be made between the different funds by the Treasurer.

Resolved, That the amount of the bond required of all persons elected to fellowships under Section 10, University Statute 15, be fixed at \$1,000, and that two sureties to be approved of by the Treasurer be required upon such bond.

Moved and carried that action toward enforcing payment of interest on Kingman Co., Kan., bonds be deferred until after Fall elections in Kansas.

Moved and carried that the changing of the windows in the north wing of McGraw Hall from round to square be delayed until after Dr. Wilder's return.

Moved and carried that the Treasurer be authorized to move the safe now in the Library to the Gymnasium.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Sept. 21, 1891.

Present—Trustees Sage, H. W., Adams, Williams, Lord and Treman.

Moved and carried that the bid of \$85,000 of Messrs. Collingwood & Donaldson for the erection of the Law School building, in accordance with the plans and specifications of Architect Miller, be accepted.

Moved and carried that \$90,000 be appropriated for the erection of a Law School building.

Moved and carried that the vote of this Committee of June 26th, in regard to placing the collection of Archæological casts in the lower hall of the new Library Building, be reconsidered, and that the question of providing a room for such collection be referred to the Chairman of this Board, the President and the Treasurer, with power.

Moved and carried that the Treasurer be authorized, under the advice of the Finance Committee, to deposit any surplus funds now on hand in trust companies in New York.

On motion, adjourned until Tuesday, the 29th inst., at 4 P. M.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Sept. 29, 1891.

Present—Trustees Sage, H. W., Sage, Wm. H., Adams, White, Lord, Williams and Treman.

Minutes of meeting held Sept. 21st were read and, on motion, approved.

A communication from Dr. Thurston in regard to returning the water of condensation from the buildings heated from Sibley College boilers was presented, and on motion referred to the Committee on Buildings and Grounds.

Moved and carried that Mr. C. H. Thurber be appointed Instructor in French for one year, at a salary of \$1,000, in place of Mr. E. Baillet, resigned.

Moved and carried that Mr. L. A. Loiseaux be appointed Instructor in French for one year, at a salary of \$1,000, in place of Mr. W. C. Chamberlain, deceased.

Moved and carried that the use of the Armory be granted for a Kermis, some time in January, to be arranged hereafter, for the benefit of the student ward in the Ithaca Hospital, subject to the usual terms and conditions.

A communication from Mr. A. N. H. Lushington in regard to the remission of tuition fees, was on motion referred to the Committee on Remission of Tuition, with power.

A communication from Dr. Wilder in regard to changing the round windows in the north wing of McGraw Hall to square at base, and asking that the floor of one of the lower rooms be covered with linoleum, was on motion referred to the Committee on Buildings and Grounds, with power.

The request of Professor E. A. Fuertes for an advance of \$600 on account of current year's appropriation, to enable him to purchase instruments needed at once, was on motion granted.

Moved and carried that Mr. C. W. Sherman be appointed Instructor in Civil Engineering for one year, at a salary of \$1,000, in place of Mr. H. K. Vedder, resigned.

Moved and carried that the Treasurer be authorized to return to the Anglo-American M't'g and Trust Co. the amount advanced by them for interest, taxes and costs upon the Freeman C. Dodge mortgage.

Moved and carried that the Treasurer be authorized to offer the C. G. & L. E. Henderson mortgage to the holder of the second mortgage on the premises, and in case a sale is not effected, to begin foreclosure proceedings.

Moved and carried that the Chairman of the Board be requested to prepare a memorial to be entered upon the minutes of the Full Board at the approaching meeting, in commemoration of the services of Judge Boardman.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Oct. 6, 1891.

Present—Trustees Sage, H. W., White, Lord, Sage, Wm. H., Adams and Treman.

The following was presented, and on motion adopted :

WHEREAS, The estimated income of Cornell University for the fiscal year 1891-92, from all sources, is (see Treasurer's Report, p. 27) \$517,215.16, and

WHEREAS, In carrying out the action of the full Board, it is necessary to expend during the present fiscal year for extraordinary expenses, to wit :

Payment due on Morse Hall	\$ 20,000.00
Gymnasium extension	22,220.00
On Law Building, this year	60,000.00
Agricultural Hall	23,747.00
Equipment of Library	35,000.00
Total	<u>\$160,967.00</u>

And WHEREAS, With the most stringent cutting down of other expenses, the necessary Appropriations for the fiscal year are

Showing a deficit of	\$ 28,544.44
To which must be added completion of dams, pipes, wheels, etc., for water power, at least	6,000.00
Water-pipe extension on Campus, hydrants, etc., about	10,000.00
Repairs to McGraw Hall for casts, etc.	3,000.00
And other inevitable expenses, probably	15,000.00
more, for all of which no provision of income is expected, and	

WHEREAS, Since Aug. 1st, 1891, we have received in cash for land \$68,760, which we have in our Treasury ; now, therefore,

Resolved, That this sum be loaned to the general fund, at 5 per cent. for one year, and the income for 1892-93 be pledged for its payment as first lien after the last payment for Morse Hall is made of \$20,000.

This sum	68,760.00
Added to present resources	<u>517,215.16</u>
Will make	\$585,975.16
And after paying present appropriations	<u>545,759.60</u>
Will leave a balance of	<u>\$ 40,215.56</u>

With this sum we can meet this year's liabilities. We shall then have as charge against income of 1892-93 :

This sum borrowed	\$ 68,760.00
Last payment Morse Hall	20,000.00
One payment on Agricultural Hall	22,000.00
Balance on Law Building	<u>35,000.00</u>
	<u>\$145,760.00</u>

which will be as much as it can bear, and make necessary stringent economy at all points of University administration.

Resolved, That in view of the financial condition of the University for the current year, we do not deem it wise to transfer \$1,000 of the salary of the Professor of Horticulture from the Agricultural Experiment Station Fund to the Congressional Industrial Fund, as requested by the Faculty of Agriculture.

Moved and carried that the application of Associate Professor Emerson for an appropriation to the Department of Classical Archæology be referred to the Chairman of the Board, President Adams, and ex-President White, with power to expend not exceeding \$635.

Moved and carried that the question of fitting up the room in McGraw Hall, recently vacated by the Library, for the reception of the collection of Archæological casts, be referred to the Chairman of the Board, President Adams, and ex-President White.

On motion, \$100 was appropriated to be expended, under the direction of the Professor of Political and Social Institutions, for maps and fittings of lecture room.

Moved and carried that \$40 be appropriated, to be expended under the direction of the Professor of Political Economy and Finance, for the purchase of charts and diagrams.

Moved and carried that Mr. L. C. Corbett be appointed Assistant in Horticulture in the Experiment Station for the remainder of the year 1891-92, at a salary of \$600 per annum.

The application of Professor Charles E. Hughes for a building lot on Cornell street, next west of Professor Nichols', was, on motion, referred to the Committee on Buildings and Grounds to have survey made and report.

On motion the Treasurer was authorized to increase the salary of A. N. H. Lushington to \$35 per month.

Moved and carried that the request of Mr. Pierre A. Fish for the degree of B.S. in Natural History, bearing date 1890, in place of the degree of B.S. which was conferred upon him in error, be granted.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Oct. 8, 1891.

Present—Trustees Cornell, Adams, Potter, Synnott, Treman, Sage, H. W., Sage, Wm. H., Woodford, Sibley, Hiscock, White and Kerr.

Messages were read from Trustees Jordan, Barnes, Salmon, Williams, Draper and Lord, regretting their inability to be present.

The minutes of meeting of June 17th were read and, on motion, approved.

Moved, that the minutes of the Executive Committee, from June 20th to Oct. 6th, inclusive, as printed and read, be approved and the acts of the Executive Committee ratified and confirmed. Ayes and nays being called resulted in Ayes 5, Nays 3, Mr. Woodford asking to be recorded in the negative, and Mr. White in the affirmative.

The following was presented and adopted:—

Our late Associate Trustee, Judge Douglas Boardman died at Shel-drake, on Cayuga Lake, September 5th. His age was sixty-nine. He was first elected to this Board as an Alumnus Trustee in 1875, afterwards by the full board, and has served from that date to the day of his death. His history is written in the records of the Courts of this State, where he served as County Judge four years, and as Judge of the Supreme Court twenty-two years. In these exalted positions his career was marked by ability, industry, wisdom and absolute integrity, and he was always an honored servant of the people of this State. His personal bearing was ever courteous, modest, full of dignity and kindness, and he honored the position in which an appreciative public so long had the benefit of his service. In other positions of honor and trust he has always been conspicuous in this community. He was for twenty-seven years a director of the First National Bank, and at the time of his death its president.

He was Dean of the Law School from the date of its organization, and freely devoted to its service all needful care in its upbuilding. To his wisdom in that department we owe much. As Trustee of Cornell University his service has been invaluable, and always given without stint. At all times he has been ready to leave any duty pertaining to his own affairs to attend to ours. Those of us who have been members of the Executive Committee know this, and know

how much time and thought were involved in the various duties connected with that office. As Chairman of the Finance Committee, and Member of the Land Committee and Committee on Appropriations his prudence, judgment and practical wisdom have been invaluable. His habits of mind and thought were strictly judicial. His judgment was always allied to his conscience, and in practical affairs we always had from him the mature decisions of both. The affairs of Cornell University he considered an especial, sacred trust committed to him, and gave himself to them with the most conscientious zeal. He was never content with the decisions of others though he credited every member of this board with zeal and integrity equal to his own. But his function as Trustee was to serve with his own judgment and faith, and so he gave himself without stint to every duty. He was a safe anchor, counsellor and friend. He was ripe in his judgment and integrity, ripe in his love for Cornell and earnest in his devotion to her interests. Well may we remember his zeal, industry and ability in all his relations to us in the care of this noble University, Therefore,

Resolved, That the Trustees of Cornell University recognize with unfeigned sorrow their great loss by the death of their late associate, Judge Douglas Boardman, and remember with gratitude his distinguished services and long devotion to its interests.

That our sympathy be extended to his family and relatives in their great sorrow.

That this memorial and these resolutions be entered upon the minutes of the Trustees, and an engrossed copy be sent to the family.

The following was presented and adopted :—

WHEREAS, The new Library Building, erected and endowed by the generous liberality of the Honorable Henry W. Sage, Chairman of this Board, has been fully completed, and was yesterday formally dedicated to the uses of the University,

Resolved, That the cordial and grateful thanks of the Trustees and all friends of the Cornell University be and are hereby tendered to Mr. Sage, not only for the costly gift thus bountifully bestowed upon this institution ; but also and especially for the patient and devoted attention which he has so earnestly given to every detail of construction from the foundation to completion ; and we do most heartily congratulate him upon the admirable success which has been accomplished in providing a building in every manner so suitable and appropriate to the purposes for which it has been designed.

Resolved, That as farther evidence of our satisfaction with the new Library Building in all details of planning and construction, the architect, Mr. William H. Miller, be requested to sit for a portrait to be placed permanently within the building, with suitable in-

scription as to his connection with this noble work, and that a Committee consisting of the Chairman of this Board, the President of the University and a Trustee to be named by the Chairman, is hereby constituted with full authority to execute this resolution. The Chair appointed Gov. Cornell as the third member of the Committee.

The Annual Report of the President of the University was presented and, on motion, accepted and placed on file.

The Annual Report of the Treasurer of the University was presented and, on motion, accepted and placed on file.

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

To the Trustees of Cornell University:

GENTLEMEN:

The Committee on Appropriations beg leave to recommend the following:

APPROPRIATIONS 1891-92.

Re-appropriations recommended by the Treasurer, \$113,-

657.07, less \$15,000 deducted from the appropriation to		
Law School Building	\$ 98,657 07	
Advertising	750 00	
Agricultural	4,500 00	
Agricultural Experiment Station	17,412 97	
Anatomical	1,750 00	
Architectural	700 00	
Barnes Hall Expense	750 00	
Botanical	1,700 00	
Bell-ringing	150 00	
Care of Buildings	4,700 00	
Care of Grounds	2,000 00	
Chemical	8,000 00	
Congressional Ind. Fund (Agricultural)	\$8,500	
do do do (Mechanical)	8,500	17,000 00
Civil Engineering		3,500 00
Contingent	\$4,000	
do For examination of Kansas securities,	200	4,200 00
Class of '86 Memorial Prize		30 00
Dean Sage Sermon Fund		2,000 00
Entomological		558 00
Electrical Lighting Improvement		1,800 00
Electrical Lighting Repairs		250 00
Fuel		6,000 00
Geological		200 00
German		100 00

Greek		100 00
Heating and Lighting Labor		4,000 00
Horticultural		1,000 00
Historical Maps for Prof. Tuttle		100 00
Latin	\$100.00	
do for purchasing stereotype plates for Classi-		
Studies	89.75	189 75
Law Library		750 00
Law School Expense		578 00
Law School Prize		120 00
Library	\$21,502	
do Transferring books to new Building	1,000	22,502 00
Library Building		35,000 00
Mechanical	\$18,000	
do Water Power Improvement	5,000	23,000 00
Morse Hall		20,000 00
Military		300 00
Medical Examiner at Sage College		100 00
Mathematical		75 00
Mrs. A. S. Barnes Shakespeare Prize		60 00
Physical Culture		536 81
Physical		3,250 00
Packing and Transporting Archæological Casts		4,000 00
Printing and Stationery		3,000 00
Philosophical Review		800 00
Register		2,000 00
Repairs	\$6,000	
do Changes in McGraw Building	3,235	9,235 00
Steam Heating Repairs		300 00
Sage Chapel Expense		500 00
Sage Fund		10,000 00
Salaries		212,825 00
Scholarships and Fellowships		13,400 00
Sibley Prize		100 00
Student Load Fund		500 00
Veterinary		100 00
White Veterinary Prize		30 00
Water-works		500 00
Woodford Medal		100 00

Total \$545,759 60

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

Moved and carried, that the President be authorized to say to the Trustees of the Fayerweather estate in reply to their letter, that we are obliged for their offer to advance a portion of the bequest to Cornell University, but that we would prefer to receive the fund when it would naturally come to us without reduction for interest.

The following was presented :

RESOLUTION IN REGARD TO THE PROPOSED AGRICULTURAL HALL.

WHEREAS, Our experience in building admonishes us that it is prudent to provide against embarrassment from delays incident to the processes of construction, and

WHEREAS, It is probable that contracts for a large building can be more advantageously placed if the contractors are allowed as much time as is practicable in which to complete the building, and

WHEREAS, The financial plan adopted at the meeting in October, 1890, for the erection of Agricultural Hall will provide for the accumulation of the amount needed for the construction of the building before August 1, 1893, the time when the obligations of the University for the building of Morse Hall will have been discharged ; therefore,

Resolved, (1) That the Committee on Buildings and Grounds be and are hereby authorized to have the plans for the Agricultural Hall completed as soon as is practicable, in order that contracts for the erection of the building may be let during the coming winter.

Resolved, (2) That the details of all arrangements for the erection and completion of the building in accordance with the above resolution be and are hereby referred to the Executive Committee, with power.

Moved and carried, that consideration of the foregoing be postponed until the fall meeting of next year.

A communication from the Director of the College of Civil Engineering asking for increased accommodations for the college was presented.

Moved and carried, that the Committee on Applied Science be requested to investigate as to the needs for instruction simultaneously in the two departments in Civil Engineering with reference to adjustment of same.

Resolved, That the Board establish a full professorship of Cryptogamic Botany and Plant Histology. Carried.

On motion adjourned until 2:30 P. M.

Re-assembled at 2:30 P. M.

Moved and carried, that the Board proceed to a formal ballot for the election of a Dean of the Law School. Upon ballot duly had, Judge F. M. Finch received 8 votes, and Professor H. B. Hutchins, 2. Judge Finch was declared elected Dean.

The following was presented and, on motion, adopted :

The Trustees have received with sincere sorrow news of the death of Mrs. Mary Ann Cornell.

By some of them she had been known for years in the most kindly relations of neighbor and friend ; by all of them she was revered as the widow of him whose honored name the University bears.

Few are aware how deeply indebted this institution is to her. To say nothing of her loving devotion to our Founder, through years of adversity, and wise counsel to him in his years of prosperity, all who were privileged to coöperate with him in the early days of the University, know how unselfishly she entered into his purposes and plans, how her faith strengthened him, how her hope was a constant inspiration.

The influence of this faith and hope spread to his associates. In the darkest hours of the University she remained serenely confident in its future, and this confidence was as a light in the hearts of all who labored in developing the institution.

What was mortal of her now rests beneath the Memorial Chapel of the University, and her remembrance should be transmitted to those who come after us as an inspiration and a precious heritage ; therefore,

Resolved, That the Chairman of this Board, the President of the University, and a member of the Board, to be named by the Chairman of the Board, be a Committee to secure and place in the Memorial Chapel a tablet to Mrs. Cornell's memory.

Resolved, That the Secretary of this Board be requested and directed to forward a copy of this Memorandum and Resolutions to the bereaved family.

The Chair appointed ex-President White as the third member of the Committee.

Moved and carried, that the Executive Committee be requested to consider the question of re-adjusting the salaries of some of the older members of the Faculty, with a view to bringing to this Board some well considered plan for action, and with power to act in such cases as may, in their opinion, require action before the next meeting of this Board.

The report of the Land Committee was presented and, on motion, accepted and placed on file.

Mr. White moved a re-consideration of the vote ratifying and confirming the acts of the Executive Committee from June 20th to Oct. 6th. Carried.

Moved and carried that the acts of the Executive Committee as recorded in the minutes from June 20th to Oct. 6, with the exception of the financial scheme adopted at the meeting of Oct. 6th, be ratified and confirmed.

After a full discussion it was moved and carried that the financial scheme adopted by the Executive Committee, Oct. 6th, be ratified and approved, Mr. Woodford voting in the negative.

Moved and carried, that \$600 or as much thereof as may be necessary, be appropriated to secure a bust of the late Judge Boardman, to be placed as a memorial to him in the halls of the University.

Moved and carried, that the Board proceed to elect a Trustee for the unexpired term of Judge Boardman, deceased. Upon ballot duly had, Hon. S. D. Halliday was unanimously elected.

Moved and carried, that the Committee appointed by this Board in June last to report upon the subject of road-making, be requested to send in their report on or before the date of the February meeting of this Board.

Adjourned.

W. R. HUMPHREY, Sec'y.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 13, 1891.

Present—Trustees Sage, H. W., Adams, White, Treman, and Williams.

A communication from Dr. Thurston in regard to purchasing a chemical fire engine and fire extinguishers was presented.

Resolved, That the Fire-warden and Director of Sibley College be and are hereby requested to investigate whether any further precautions against fire are desirable, and report in writing to the Executive Committee. Carried.

Moved and carried that the subject of practicability of procuring a steam fire engine for the University be referred to Trustees Treman and Geo. R. Williams to report.

Moved and carried that Mr. J. H. Tanner be appointed Instructor in Mathematics for one year, at a salary of \$1,000 per annum, in place of Mr. A. S. Hathaway, resigned.

Moved and carried that \$300, or so much thereof as may be necessary, be appropriated for publishing the proceedings at the opening of the new Library building.

Moved and carried that the appropriations for the Sibley and Board-man busts be increased to \$750 each, and that the Sibley bust be made of bronze, and that the President be authorized to contract for said busts.

Moved and carried that the Treasurer be authorized to increase the wages of John Troy to \$35 per month.

A communication from Mr. G. A. Foster, of Verona, N. Y., in regard to his will was, on motion, referred to Trustee Halliday.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Oct. 20, 1891.

Present—Trustees Cornell, Synnott, Halliday, Williams, Treman, and Adams.

On motion, Mr. Cornell was called to the chair.

Minutes of meeting of Oct. 13th were read and, on motion, approved.

The following was presented and, on motion, referred to the President of the University and Chairman of the Board for recommendation, viz :

Resolved, That the sum of \$500, or so much as may be necessary, be and the same is hereby appropriated for the purpose of providing for the publication of the Sage Chapel sermons for the current year.

Moved and carried, that permission be granted for the use of Gymnasium Hall for a Kermis some time early in December, instead of in January, as heretofore granted.

Moved and carried, that the Treasurer be authorized to make payments on account of the Library appropriation for books for the current year to the extent of \$5,000, in anticipation of the receipt of income on the Sage Library Fund, subject to the approval of the President of the University and the Chairman of the Board.

Moved and carried, that Professors Caldwell, Nichols, Hale, and Laughlin, be appointed members of the Library Council for the current year, as recommended by the Faculty.

Moved and carried, that the question of revision of the Standing Committees of the University be referred to the President of the University and the Chairman of the Board, with power.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Oct. 27, 1891.

Present—Trustees Sage, H. W., Adams, Halliday, Williams, Sage, Wm. H., and Treman.

The request of Captain Tutherly for permission to use the Armory for two Military Hops each term of this year, on the usual terms and conditions, was, on motion, granted.

Moved and carried that \$50, or so much thereof as may be necessary, be appropriated for the purchase of camp-chairs for use in the Sage College parlors.

Moved and carried that the President and Treasurer be authorized to provide and arrange a lunch for those attending the meeting of the Association of Colleges of the Middle States and Maryland, to be held here next month.

The following was presented and, on motion, accepted and adopted, viz. :

The Committee on Buildings advise that the petition of Professor Hughes for lot west of Professor Nichols' lot, be granted as follows : Lot to be bounded east by west line of Nichols' lot, north by South avenue, west by line parallel with West avenue, and 225 feet from its east line, south by line 150 feet from South avenue.

The following was presented and, on motion, adopted :

The Committee on Buildings advise that lots on south side of South avenue, west of lot now granted to Professor Hughes, be laid out with front of 75 feet, and depth one-half distance to new street.

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

The Committee on Applied Science, to which was referred the application of Director Fuertes for additional building, etc., feel obliged to advise against the present consideration of building an addition to the Civil Engineering building.

Moved and carried that \$750, or so much thereof as may be necessary, be appropriated for a dam and water motor in Cascadilla creek for supplying the Gymnasium with water.

Moved and carried that the petition of the Sigma Phi Building Association for permission to build a cess-pool directly south of their lot be denied, and that they be informed that the sewer from their house should go to Cascadilla creek.

Moved and carried that the \$700 balance of the appropriation to the School of Marine Engineering and Naval Architecture, which was included in the salary appropriation to be used for non-resident lecturers, be transferred to the Mechanical Department to be used for necessary apparatus and expenses of the School of Marine Engineering and Naval Architecture.

The application of the Committee of the Psi Upsilon Association for 15 feet additional on the west side of their lot, to be used in connection with a part of their present lot for a tennis court, and also asking permission to remove the trees standing upon the said ground was, on motion, granted, subject to recall if at any time the Trustees of the University shall need the said lot.

Moved and carried that the sum of \$500 be appropriated for the purchase of books for the Philosophical Seminary room.

Moved and carried that \$25 be appropriated for office expenses of the Dean of the School of Philosophy.

Moved and carried that \$30 be appropriated for securing a re-print of the article in the *Scientific American* descriptive of the new Chemical Laboratory.

Moved and carried that \$75, or so much thereof as may be necessary, be appropriated for printing the inaugural address of Dr. C. M. Tyler.

Moved and carried that the Treasurer be authorized to bring a suit in the name of the University for the collection of the Kingman Co., Kansas, past due coupons, and to employ Messrs. Rossington, Smith & Dallas, of Topeka, with Judge J. T. Herrick, of Wellington, as associate, to bring such action. The expense of suit to be divided *pro rata* among the owners of the bonds.

Adjourned.

E. I. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 3, 1891.

Present—Trustees Sage, H. W., Adams, Treman, White, and Williams.

The committee to whom was referred the revision of the Standing Committees, recommended the following :

Committee on Buildings and Grounds :—Trustees H. W. Sage, Adams, Williams.

Finance Committee :—Trustees Lord, H. W. Sage, Williams, Halliday.

Land Committee :—Trustees H. W. Sage, W. H. Sage, and the Treasurer.

Committee on Appropriations :—Trustees Adams, H. W. Sage, Lord.

Committee on Sage College :—Trustees H. W. Sage, Adams, and the Treasurer.

Auditing Committee :—Trustees Lord, Williams.

Committee on Departments of Applied Science :—Trustees Williams, Lord, H. W. Sage.

Committee on Departments of Natural History :—Trustees Treman, Halliday, Synnot.

Committee on Ancient and Modern Languages :—Trustees Synnot, Lord, Treman.

Committee on Departments of History and Philosophy :—Trustees White, Adams, Lord.

Committee on Physical Culture and Military Tactics :—Trustees W. H. Sage, Treman, Williams.

Moved and carried, that the report of the committee be adopted, and Standing Committees appointed as recommended.

Moved and carried, that this committee approve the proposition of Professor L. H. Bailey to give a course of lectures in Landscape Gardening.

Moved and carried, that the application of the Students' Tennis Association for a plot of ground east of Dean White's house, be referred to the Committee on Buildings and Grounds, with power.

Moved and carried, that permission be granted Mr. Geo. W. Tailby to assign the lease of his lot to Mr. Geo. C. Watson.

Moved and carried, that leave of absence be granted Professor Horatio S. White from Dec. 9th to the close of the term.

Moved and carried, that Mr. L. F. Chesebrough be released from his engagement at Sibley College for the current year.

Moved and carried, that Mr. James McNamara be appointed Instructor in Shop-work in Sibley College for the balance of the current year, with salary at the rate of \$750, in place of Mr. L. F. Chesebrough, resigned.

The report of the committee appointed to investigate as to the necessity for further precautions against fire was presented and placed on file.

Moved and carried, that the committee appointed to report as to the necessity for additional fire protection, be requested to investigate and report as to sizes and length of water-main needed, number of hydrants and engines, and the amount of hose, together with the cost of same.

Moved and carried, that \$50 additional be appropriated for memorial tablets and busts.

Moved and carried, that the Treasurer be authorized to place \$15,000 additional insurance upon the Military Hall and Gymnasium.

A communication from the Library Council in regard to a checking system for hats, coats and umbrellas at the new Library building, was presented, and filed.

The request of Dr. Schurman for tables and cases in the Psychological Laboratory was, on motion, referred to the Treasurer with power.

Moved and carried, that foreclosure proceedings be commenced at once upon the Denny Hotel mortgage, and that the Chairman and Treasurer be authorized to negotiate with Mr. Fremont Cole for the foreclosure of same.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Nov. 10, 1891.

Present—Trustees Sage, H. W., Adams, White, Halliday, Synnot, Lord, Williams, and Treman.

WHEREAS, The Board of Trustees of this University at their recent meeting passed a resolution requesting the Executive Committee “to consider the question of readjusting the salaries of professors, with power to act in such cases as may, in their opinion, require action before the next meeting of this Board;” and

WHEREAS, We are in imminent danger of losing the services of the Director of the College of Civil Engineering, of the Professor of Latin, of the Dean of the General Faculty, of the Professor of American History, and of the Associate Professor of Civil Engineering, in charge of Applied Mechanics and Hydraulic Engineering, unless their salaries are raised; and

WHEREAS, We believe that whenever we are confronted with the danger of losing one of our corps of instruction whose learning, industry, and efficiency as a teacher have won for him here and elsewhere special distinction, it is a wise policy to consider with the utmost care, whether the interests of the University do not require that an exceptional effort be made to retain him; and

WHEREAS, We have taken this question into most careful consideration in the case of all professors whose titles are above given, and believe that the University would suffer loss by the departure of either of them; therefore

I. *Resolved*, That the salary of Professor E. A. Fuertes, as Director of the College of Civil Engineering and Professor of Civil Engineering, be and hereby is increased to \$4,200; the same to take effect at the beginning of the next term.

2. *Resolved*, That the salary of Professor Horatio S. White, as Dean of the General Faculty and Professor of German, be and hereby is increased to \$4,000; it being understood that \$600 are paid for his services as Dean, and \$3,400 for his services as professor; the same to take effect at the beginning of the next term.

3. *Resolved*, That the salary of Professor William G. Hale, as Professor of the Latin Language and Literature, be and hereby is increased to \$4,000; the same to take effect at the beginning of the next term.

4. *Resolved*, That the salary of Professor Moses Coit Tyler, as Professor of American History, be and hereby is increased to \$4,000; the same to take effect at the beginning of the next term.

5. *Resolved*, That the Executive Committee recommend to the Board of Trustees the advancement of Associate Professor Irving P. Church from the position of Associate Professor of Civil Engineering in charge of Applied Mechanics and Hydraulic Engineering, to the position of Professor of Applied Mechanics and Hydraulic Engineering; to take effect at the beginning of the next ———, at a salary for the first three years of \$2,700 per annum; but with the understanding that the Trustees hope and expect at the end of three years they will be in a financial condition to raise the salary to \$3,000. Carried.

Moved and carried, that the increase in the salary of Professor Irving P. Church, recommended to the Full Board, date from the time that he assumes his duties as professor.

WHEREAS, We desire to express our appreciation of the eminent success of Professor H. B. Hutchins in conducting the duties of Secretary of the School of Law, therefore

Resolved, That his salary as Secretary be increased to \$1,000, making his salary as Professor and Secretary \$4,000, the same to begin from the beginning of the current year. Carried.

A letter from Judge F. M. Finch, accepting the position of Dean of the Law School was read, and placed on file.

Moved and carried, that Mr. W. H. Magee be appointed Assistant in Chemistry for the balance of the current year, in place of Mr. S. W. Young, resigned, and at the same salary, viz: \$500.

Moved and carried, that the petition of the Christian Association for an appropriation of \$150 towards the expense of a course of sermons or lectures, one each Sunday during the winter term in Barnes Hall, be granted, with the proviso that the persons invited to deliver such sermons or lectures be approved by the President of the University.

Moved and carried, that the Treasurer be authorized to return to

Miss M. P. Harmon the amount of her tuition fee for the current term.

Moved and carried, that the sum of \$480 be added to the Horticultural appropriation to cover the wages of a gardener.

Moved and carried, that the lot next west of the lot assigned to Professor C. E. Hughes be assigned to Professor Chas. M. Tyler, on the usual terms and conditions

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 17, 1891.

Present.—Trustees Lord, Adams, Sage, Wm. H., Synnott, Treman, Williams and White.

On motion, Mr. White was called to the chair.

Moved and carried, that permission be granted for the use of the four seminary rooms in the basement of the Library once a fortnight, on Saturday evenings, for social reunions of members of the instructing body of the University and their families.

Moved and carried, that the Treasurer be authorized to lay a temporary plank walk from the walk on University Avenue at the Fiske-McGraw place to connect with the University walk near White Hall.

The application of Instructor Arthur S. Eakle for exemption from payment of current term's tuition, he having taken a leave of absence fourteen days after registration day, was, on motion, granted.

The request of Dr. Hitchcock for permission to give the use of a room in the Gymnasium Annex to a barber who should in lieu of rent take entire charge of the bath rooms, and also for an extra appropriation of \$500 for the purchase of apparatus and necessary equipment for the Annex, was, on motion, referred to the Committee on Physical Culture and Military Tactics, with power.

Moved and carried, that permission be granted for the use of the Armory for the Junior Ball on the evening of Jan. 29th, 1892, upon the usual terms and conditions

Moved and carried, that the Treasurer be authorized to loan the Sigma Phi Association of Cornell University, upon their Chapter House a sum not exceeding \$6000, provided the said Association shall have expended upon the house at the time the loan is made double the amount of the sum loaned.

Moved and carried, that the Treasurer be authorized to return to Mr. W. J. Young, of Clinton, Ia., the certificate for five shares of

stock in the M. R. L. Co. held by Cornell University as collateral to be exchanged for a new certificate, as requested by Mr. Young.

Moved and carried, that the Treasurer be authorized to return to Mr. S. Robertson his check for \$36, sent to cover an error made by him in quoting price for timber.

Moved and carried, that the salary of Professor J. Francis Williams be paid to and including Nov. 15th.

Moved and carried that the treatment of East Side Street Railway matters upon the University books be referred to the Treasurer, with power.

The supplementary report of the Committee on Fire Protection was presented and, on motion, referred to the Committee on Buildings and Grounds.

A communication from M. F. Backus in regard to the Denny Hotel loan was, on motion, referred to H. W. Sage, with power.

Moved and carried, that the Treasurer be authorized to make such payments as may be necessary to keep alive the insurance on the Denny Hotel at Seattle.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 24, 1891.

Present—Trustees Sage, H. W., Adams, Halliday, Lord, Sage, Wm. H., and Williams.

Moved and carried, that the title of Professor H. B. Hutchins be changed from Professor of Law and Secretary of the Law Faculty to Professor of Law and Associate Dean.

Moved and carried, that the Treasurer be authorized to have the following notice suitably framed, and posted in the several University buildings, viz :

“\$100 Reward will be paid by the Treasurer of Cornell University for any such evidence as shall lead to the detection and conviction of any person guilty of stealing, defacing, or otherwise maliciously injuring any of the University property.”

Moved and carried that the Treasurer be authorized to use such portion of the unexpended balance of the appropriation for electric lighting as may be necessary to complete water power improvement at Sibley College.

Moved and carried, that the Treasurer be authorized to rent Gymnasium lockers from the present time to the beginning of the spring term at 75 cents each.

Moved and carried, that the petition of Mr. Chas. D. Westcott for exemption from current term's tuition fee on the ground that owing to sickness he had attended but one recitation, be granted.

Moved and carried, that Mr. Vandervoort be permitted to register at the present time, and continue work as a special student in Sibley College through a portion of next term, about ten weeks in all, upon the payment of the current term's tuition, as recommended by Dr. Thurston.

A communication from the Faculty requesting that the Treasurer be authorized to furnish blue books for examinations was presented, and the following action taken :

1st. *Resolved*, That it is the sense of this meeting that the University should not furnish examination paper for students.

2d. *Resolved*, That the communication from the Faculty in regard to furnishing blue books be referred to the President and Treasurer, with power.

A communication from Dr. Frank Angell in regard to the fitting of the Psychological Laboratory with photographic room, gas and water pipes, etc., etc., was on motion referred to the Treasurer with power.

The question of suitable clocks for the several rooms of the Mathematical Department, was on motion referred to the Treasurer to report.

Adjourned.

E. L. WILLIAMS, Secretary,

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 1, 1891.

Present—Trustees Sage, H. W., Adams, Sage, Wm. H., Synnot, Treman, Williams, Lord, and Halliday.

Moved and carried, that the salary of Professor H. B. Hutchins as fixed by resolution of Nov. 10th, 1891, be made to apply to his title as changed by resolution of Nov. 24, 1891.

Moved and carried, that the question of supplying the Mathematical rooms with electric bells be referred to the Treasurer to report.

Moved and carried, that a building lot on south side of South avenue, next west of the lot granted Professor C. M. Tyler, be granted to Professor I. P. Church on the usual terms and conditions.

Moved and carried, that the Secretary inform Professor J. L. Morris that this committee regards his status as Superintendent of Buildings as in no way changed by the adoption of the University Statutes.

A communication from Professor Morris, asking that rooms be provided in McGraw, Franklin and White Halls for janitors, was presented.

Moved and carried, that this committee are unable to see how it is practicable before another summer to arrange for having all the janitors occupy rooms in the buildings.

Moved and carried, that the Treasurer be authorized to pay the bill of extras on plate glass in new Library building amounting to about \$1,200.

Moved and carried, that \$800 be appropriated for the purchase of books in the fields of study to which the White Library is devoted, as recommended by the Library Council.

Moved and carried, that the Treasurer be instructed to inquire concerning, and if practicable, to have the University watchman go around the Library building upon each of his hourly trips.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Dec. 8, 1891.

Present—Trustees Adams, Lord, Synnott, Williams, Sage, Wm. H., Treman, and Halliday.

On motion, Mr. Lord was called to the chair.

Resolved, That Instructor Oliver F. Emerson be and hereby is promoted to Assistant Professor of Rhetoric and English Philology for three years, the term of service to begin at the beginning of the next term, at a salary of \$1,400 per annum.

Moved and carried, that the Treasurer be instructed to call the attention of Mr. Collingwood, or his agent, to the necessity for removing the rubbish from the vicinity of the Library building.

The application of Dr. Newbury for an appropriation of \$263, for fitting up the Assay Laboratory, was, on motion, referred to the Committee on Applied Science, with power.

The matter of fitting up the old library room in McGraw Hall for the reception of the collection of Archæological casts, was, on motion, referred to the Chairman of the Board of Trustees, President Adams and Ex-President White, with power to expend not exceeding \$3,000, such expenditure to be made under the direction of the committee.

The Committee on Physical Culture and Military Tactics recommended an appropriation of \$500 for necessary fittings and furnishings for Gymnasium Annex, and reported adversely upon Dr. Hitchcock's application for permission to establish a barber shop in the Annex.

On motion, the report of the committee was accepted and adopted, and appropriation made as recommended.

Moved and carried, that the use of the Armory be granted upon the usual terms and conditions for the Sophomore Cotillion, Wednesday evening, Jan. 27th, 1892.

Moved and carried, that \$100 be appropriated for cases of drawers for Architectural Department, to receive the collection of photographs now on upper floor of McGraw Hall.

Moved and carried, that leave of absence be granted Professor Herbert Tuttle from the present time to the opening of the Spring term, without diminution of salary.

Moved and carried, that the Treasurer be authorized to have an electric gong put in each of the Mathematical rooms, provided such an arrangement will be satisfactory to the Mathematical Faculty.

Moved and carried, that the application of Mr. Wm. R. Lee, for the return of the current term's tuition, be denied.

Moved and carried, that the Treasurer be authorized to loan Mr. W. J. Young, of Clinton, Iowa, \$70,000 for six months, at six per cent., taking Miss. River Logging Co. stock as collateral.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Dec. 15, 1891.

Present—Trustees Sage, H. W., Lord, Halliday, Sage, Wm. H., Treman, Williams, and Synnott.

The application of Dr. E. L. Nichols for an appropriation of \$213 for moving the apparatus for generating oxygen and hydrogen to the southeast corner of the Chemical Annex was, on motion, referred to the Committee on Applied Science.

On motion, the question of having some one appear in the interests of the University at the settlement of the Fayerweather estate on January 6th, was referred to the Chairman of the Board and Mr. Halliday, with power.

The following was presented:—The Committee on Applied Science advise such refitting of the Assay Laboratory as is necessary for good work, the cost not to exceed the estimate submitted by Dr. Newbury, viz., \$263.

Moved and carried, that the recommendation of the Committee be accepted and adopted.

Resolved, That Mr. R. S. Tarr be and hereby is appointed Acting Assistant Professor of Geology and Mineralogy for the remainder of the present academic year, and with the compensation for his services during that period of \$1,000.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Dec. 22, 1891.

Present—Trustees Adams, Williams, Sage, Wm. H., Synnott, Halliday, Treman, and Lord.

On motion, President Adams was called to the chair.

A petition from the Kappa Alpha Society asking permission to remove seven trees between their house and the Armory was, on motion, referred to the Committee on Physical Culture and Military Tactics, with power.

The following was presented :—

Regarding application of Professor Nichols, the Committee on Applied Science have to report that they believe materials already on hand are sufficient for any needed present repair of the gas apparatus; that this is an unfortunate time for the proposed removal to the annex, as brick walls would need to be cut and rebuilt; that very slight damage, inconvenience or injury to instruments is likely, in their judgment, to arise from continuance of apparatus in its present location for some time to come; that the need felt for large expenditure in other directions, leads us to advise delay in the removal suggested,—although we believe at some convenient time removal is advisable.

On motion, the foregoing report was accepted and the recommendations therein adopted

On motion, the Treasurer was authorized to assign the Nicholas Fox mortgage, as requested by the Lewis Investment Co.

The application of the Psi U. Society for permission to take some earth from the knoll east of Dr. Thurston's house for use in grading a tennis court west of the Psi U. house was, on motion, referred to the Treasurer with power to approve.

Moved and carried, that Mr. G. W. Cavanaugh be appointed Assistant in Chemistry in the Experiment Station for the remainder of the year 1891-92, at a salary of \$750 per annum, to date from Dec. 1st, 1891, in place of Harry W. Snyder, resigned.

Moved and carried, that the Treasurer of the University be authorized to accept the fund raised by the Ladies' Guild, and to pay interest thereon annually to the Treasurer of the Guild at the average rate earned by the University funds; accumulated interest to be added to the principal of the fund when so ordered by the officers of the Guild.

Moved and carried, that the Treasurer be authorized to employ a woodsman to examine certain of the University lands and to report upon fire, windfall and trespass.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Jan. 5, 1892.

Present—Trustees Adams, Lord, Sage, Wm. H., Treman, Williams, and Synnot.

On motion Mr. Lord was called to the chair.

Resolved, That Mr. Geo. R. McDermott be and hereby is appointed Assistant Professor of Naval Architecture for three years from the beginning of the present year at a salary of \$1,800 per annum, to date from Nov. 15th, 1891.

The resignation of J. Laurence Laughlin as Professor of Political Economy and Finance, was presented, and action deferred until the meeting of the Full Board.

The resignation of W. G. Hale as Professor of Latin Language and Literature, was presented, and action deferred until meeting of the Full Board.

Moved and carried, that the Treasurer be authorized to inform Instructor Studley that the Committee cannot allow him more than one-third of the year's salary.

Moved and carried, that the Director of the College of Civil Engineering be empowered to invite six lecturers during the current year on same basis as to cost, as the lecturers engaged in Sibley College.

The Committee to whom was referred the application of the Kappa Alpha Society for permission to lay out a tennis court between their house and the Gymnasium Annex, reported in favor of granting their request upon condition that the court be moved far enough east to save the two double trees near the west line of the court, as platted, thus reducing the number of trees to be removed to five. Also that said Society cover the windows of the basement and first story of the Annex with wire netting to be approved by the committee, the committee reserving the right to resume possession of the land at any time when needed for University purposes.

On motion, the recommendations of the committee were accepted and adopted.

Moved and carried, that the Chairman of the Board, the President and Treasurer be empowered to employ a Superintendent of Construction for the Law building.

Moved and carried, that the Treasurer be authorized to pay the necessary cost of changing the position of the hot water boilers in the Gymnasium Annex.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., January 12th, 1892.

Present—Trustees Sage, H. W., Adams, Lord, Synnott, Halliday, Treman, and Williams.

Moved and carried, that Mr. W. R. Shoemaker be appointed Instructor in Mathematics for the remainder of the current year, in place of Mr. D. Studley, resigned, with salary at rate of \$1,000 per annum, but with the understanding that Mr. Studley in consideration of the extra work of the first term, be paid \$40 more than one-third, and Mr. Shoemaker \$40 less than two-thirds of the year's salary.

Moved and carried, that \$30 or so much thereof as may be necessary, be appropriated for the purpose of obtaining a cut of the Law Building for use in the coming announcement.

Moved and carried, that the Faculty of the School of Law be authorized to expend not exceeding \$500 in the purchase of books for the Law Library, the same to be paid from next year's appropriation.

Adjourned,

E. L. WILLIAMS, Secretary.

ITHACA, N. Y., Jan. 19, 1892.

Present—Trustees Sage, H. W., Cornell, Sage, Wm. H., Adams, Treman, Lord, and Williams.

Minutes of meeting of Jan. 12th were read, and on motion approved.

A communication from Dr. Hitchcock asking permission to hire a boy, at from three to four dollars per week, to care for dressing and bath rooms at the Gymnasium, was on motion referred to the Committee on Physical Culture and Military Tactics, with power.

Moved and carried, that the winter meeting of the Board of Trustees be called for Tuesday, Feb. 23rd, at 9 o'clock, a. m., at the Faculty Room, Morrill Hall.

Moved and carried, that Professor Roberts be authorized to purchase a membership in the American Short Horn Breeders' Association for the University.

Moved and carried, that \$30 be appropriated for the purchase of lantern slides for illustrating a course of lectures in Landscape Gardening.

A communication from Dr. Wheeler asking that four fellowships be established in the Classical Department, was on motion, referred to the Committee on Ancient and Modern Languages to report.

A communication was presented from Professor H. S. White, stating that in case his salary as Professor were raised to \$4,000, he would break off negotiations with the Leland Stanford Junior University.

On motion it was resolved, that while we appreciate highly the services of Professor H. S. White in the chair of German, and the Deanship of the General Faculty, in view of existing conditions we deem it unwise to further advance his salary. Carried, Mr. Treman voting in the negative.

A communication from Dr. Nichols asking that Instructor Merritt be advanced to an Assistant Professorship was, on motion, referred to the President and Chairman of the Board, with authority to conclude such arrangement as their judgment may dictate.

Moved and carried, that the lot next west of Dr. Nichols', surrendered by Professor Hughes, be granted to Dr. C. M. Tyler, in lieu of the lot heretofore granted him.

Moved and carried, that the subject of the future policy of the University in relation to rentals for lots on University property, be referred to the Finance Committee to report.

On motion, adjourned until Saturday, the 23d inst., at 4 p. m., at First National Bank.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 23, 1892.

Present—Trustees Sage, H. W., Cornell, Halliday, Treman, Adams, Synnot, Sage, Wm. H., and Williams.

Moved and carried, that the President be authorized to make application to the Secretary of War for the detail of Captain W. P. VanNess as Military Officer at Cornell, for the term beginning September, 1892.

The application of Professors Oliver and Nichols for an appropriation of \$170, for printing and mailing a special circular of the Mathe-

mathematical and Physical Departments was, on motion, declined for the present year.

Moved and carried, that Mr. E. G. Merritt be appointed Assistant Professor of Physics for three years, at a salary of \$1,600 per annum, appointment and service to date from the beginning of the next collegiate year.

The following list of securities, purchased by the Finance Committee since August 1, 1891, was submitted, and on motion approved.

BONDS.

		<i>Am't.</i>	<i>Cost.</i>
Colfax Co., Neb., Refunding 5,	20 yrs. .	\$ 49,000	100½
“ “ “ “ “	10 20	15,000	100½
Pueblo, Col., Sch. D. No. 1, Sch. Bd.s, 5,	15 15	20,000	98
Arapahoe Co., Col., Sch. D. No. 2, 6,	15 15	25,000	102½
“ “ “ “ “ No. 21, 6,	15 15	25,000	101½
Helena, Mont., Sch. D. No. 1, 6,	10 20	75,000	103
Dav. & R. I. St. Railway Bonds, 6,	20 yrs.	50,000	102
Wichita Kan. Bd, Educa. Sch. Bds, 5,	18 yrs.	16,000	99
Plevna Tp. Reno Co., Ks., R.R. Aid, 6,	24 yrs.	6,000	97
Mitchell Co., Kans., R. R. Aid, 8,	16 yrs.	15,000	116
Clinton Gas Light and Coke Co., 6,	10 20	123,000	98
		<hr/>	
		\$419,000	

MORTGAGES.

O. N. Ramsey, Lewis Inv. Co., 6 per cent.,	. . . . .	10,000	99
C. C. Wales, “ “ “ 6 “	. . . . .	10,000	99
G. W. Blakesley, “ “ “ 6 “	. . . . .	4,500	99
Jos. Tobiass, “ “ “ 6 “	. . . . .	4,500	99
Isaac Riegelman, “ “ “ 6½ “	. . . . .	4,000	99
A. M. Forster, “ “ “ 6½ “	. . . . .	8,000	99
C.E. Huttenlocher “ “ “ 6 “	. . . . .	4,000	99
L. W. Gilreath, New Eng. L. & T. Co., 6 per cent.,	. . . . .	4,000	99
H. Echternacht, “ “ “ 6 “	. . . . .	3,000	99
R. Bumgarner, “ “ “ 6 “	. . . . .	1,700	99
R. Howley, “ “ “ 6 “	. . . . .	1,600	99
T. J. & H. M. Davis, “ “ “ 6 “	. . . . .	2,100	99
Anton Kern, Stull Bros., 6 “	. . . . .	1,300	99
Thos. Jones, “ “ “ 6 “	. . . . .	1,600	99
P Buller, “ “ “ 6 “	. . . . .	1,300	99
L. P. Homan, “ “ “ 6 “	. . . . .	1,600	99
S. K. Wood, “ “ “ 6 “	. . . . .	1,200	99
G. Kroeker, “ “ “ 6 “	. . . . .	2,000	99
Thos. Gwynn, “ “ “ 6 “	. . . . .	1,400	99
S. W. Anderson, “ “ “ 6 “	. . . . .	3,000	99

C. H. Blecher,	"	"	6	"	. . .	1,550	99
H. Schultze,	"	"	6	"	. . .	2,000	99
A. Hulquist,	"	"	6	"	. . .	1,500	99
F. Gallagher,	"	"	6	"	. . .	1,700	99
J. Kornelson,	"	"	6	"	. . .	1,000	99
F. Blaser,	"	"	6	"	. . .	1,000	99
Chas. Sannff,	"	"	6	"	. . .	1,000	99
Jno. A. Maag,	"	"	6	"	. . .	4,500	99
Chas. B. Brock,	"	"	6	"	. . .	1,000	99
Jno. Neville,	"	"	6	"	. . .	1,000	99
B. B. Austin,	"	"	6	"	. . .	2,000	99
Wm. M. Conn,	"	"	6	"	. . .	1,000	99
D. E. Garrett,	"	"	6	"	. . .	1,500	99
S. R. Phillips,	"	"	6	"	. . .	2,000	99

\$93,550

NOTES.

H. W. Sage, (End. Sch. Philos.) (\$200,000, Paid				
\$150,000) Bal.,	\$	50,000	5 per ct.	
W. J. Young & Co.,		170,000	6 per ct.	
		<u>\$220,000</u>		

SUMMARY.

Bonds,	\$419,000
Mortgages,	93,550
Notes,	220,000
	<u>\$732,550</u>

Moved and carried, that the Treasurer be authorized to surrender and cancel the note of H. W. Sage upon which there is a balance unpaid of \$50,000, and to accept therefor a note for \$50,000, drawing interest at 7 per cent., made by Henry C. Putnam, E. B. Putnam, W. A. Rust, J. S. Owen and H. D. Davis, and endorsed by H. W. Sage & Co., the same to be taken by Cornell University on 5 per cent. interest basis.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 8, 1892.

Present—Trustees Sage, H. W., Cornell, Synnott, Adams, Treman, Lord, and Williams.

Moved and carried that Dr. Thurston be authorized to issue the Announcement of the School of Marine Engineering and Naval Architecture, cost of same to be charged to the appropriation to Sibley College.

The nomination by Dr. Thurston of Professor Charles W. Scribner as Acting Instructor of Mechanical Engineering, for the remainder of the current year, with salary at the rate of \$1,000, was on motion referred to the Committee on Applied Science to report.

The application of Prof. W. F. Durand for leave of absence during the coming spring term, for the purpose of studying the European Schools of Marine Engineering and Naval Architecture, was on motion granted, without diminution of salary.

The application of Dr. J. G. Schurman for leave of absence for three days at the close of the current term, and four days at the beginning of the spring term, was on motion granted.

The application of Dr. Schurman for an appropriation of \$466.66 for securing a course of lectures on Comparative Religion was on motion referred to the Chairman of the Board, with power.

Moved and carried that Dr. Frank Angell be appointed Associate Professor of Psychology, at a salary of \$2,000 per annum, to date from the beginning of the next collegiate year.

Moved and carried that Dr. William Hammond be appointed Assistant Professor of Ancient and Mediæval Philosophy, with a salary of \$1,400, to date from the beginning of the next collegiate year.

The following was presented: "The Committee on Applied Science advise that permission be granted to Dr. Caldwell to order a

spectroscope, as requested in his petition, the cost (\$150) to be taken out of the regular appropriation to be made for the coming year to the Chemical Department.

(Signed)

GEO. R. WILLIAMS, Ch'n."

On motion the foregoing recommendation was accepted and adopted.

The following was presented :

ITHACA, Feb. 8, 1892.

The Committee on Ancient Languages, to which was referred the communication of Professor Benj. I. Wheeler, dated Jan. 12, 1892, and recommending the establishment of four Fellowships in the Classical Department,

Respectfully report that for the reasons urged by Professor Wheeler, and for other reasons, the Committee regard it as highly expedient that four Fellowships at least, each of \$400 per annum, should be established in the Classical Department whenever the finances of the University will allow of such action, and that two of such Fellowships, one in Greek and the other in Latin, should be established immediately.

S. H. SYNNOTT, Ch'n.

On motion the foregoing report was accepted and adopted.

Moved and carried that the Chair of Archæology in Cornell University be considered a part of, and belonging to, the Greek Department.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Feb. 16, 1892.

Present—Trustees Sage, H. W., Adams, Lord, Treman, Synnott, Williams, and Halliday.

The Committee on Applied Science reported in favor of granting the petition of Director Thurston for the appointment of Professor Chas. W. Scribner as Acting Instructor in Mechanical Engineering for the balance of the year, with compensation at the rate of \$1,000 per annum.

On motion, the report of the committee was accepted and adopted, and Professor Scribner appointed as recommended.

The committee to whom was referred the application of Dr. Schurman, reported in favor of granting him an appropriation of \$466.66, for the purpose of securing a course of lectures on Comparative Religion.

On motion, the report of the committee was accepted and adopted.

Resolved, That hereafter, and until further action of this committee, a charge of \$50 per night be made for the use of the Gymnasium and Annex for balls, receptions, etc., such charge to cover the cost of light, heat and ordinary janitor service.

Moved and carried, that the Kappa Alpha Society be granted the use of the Gymnasium Annex for a convention banquet, on the evening of Friday, the 19th inst., upon the payment of \$25, to cover cost of heat, light and janitor service.

On motion, the application of Dr. Wilder for an increase of salary, was laid on the table for the present.

On motion, adjourned to meet on Friday evening at 7.30, at Mr. H. W. Sage's house.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Feb. 19, 1892.

Present—Trustees Sage, H. W., Lord, Halliday, Williams, Synnott, Treman, and Adams.

Moved and carried, that the Chairman of the Board be requested to present to the Board of Trustees the recommendation of the Executive Committee in favor of a general increase in the salaries of full professors to \$3,500 next year, \$3,750 the year following, and \$4,000 the third year; any variation from this scheme in relation to the salaries of full professors, and all details in relation to salaries of associate or assistant professors, to be referred to the Executive Committee, with power.

Moved and carried, that Professor Corson be appointed a delegate to represent Cornell University at the 300th anniversary of the University of Dublin.

Moved and carried, that the sum of \$250 be appropriated for the fitting up of rooms for the Psychological Laboratory.

Moved and carried, that the sum authorized to be expended from next year's appropriation in the purchase of books for the Law Library be increased to \$547.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Feb. 23, 1892.

Present—Trustees Cornell, Adams, Synnott, Sage. H. W., Halliday, Sage, Wm. H., Salmon, Barnes, Lord, Kerr, Williams and Treman.

Letters regretting their inability to be present were read from Trustees Woodford and Potter.

Minutes of meeting of October 8th were read, and on motion approved.

Minutes of the Executive Committee from Oct. 13th to Feb. 19th, inclusive, were read, and on motion approved.

Moved and carried that the acts of the Executive Committee, except so far as they relate to recommendations for future action, be ratified and confirmed.

Resolved, That Professor William G. Hale, having tendered his resignation as Professor of the Latin Language and Literature, the same be and is hereby accepted.

Resolved, That in accepting the resignation of Professor Hale, we desire to express our high appreciation of his long, faithful and successful services to the University, and our earnest hope that he will be in every way happy and successful in his new field of labor. Carried.

Resolved, That Professor J. Laurence Laughlin, having tendered his resignation as Professor of Political Economy and Finance, the same be and hereby is accepted.

Resolved, That in accepting the resignation of Professor Laughlin, we desire to express our appreciation of his earnestness and success in the conduct of his department, and our hope that he will have every success in his new field of labor. Carried.

The committee appointed to report upon the subject of road making submitted their report, which was on motion referred to the Executive Committee, with power in their discretion to print.

A communication from the University Senate confirming the nomination of Assistant Professor Irving P. Church, as Professor of Applied Mechanics in the College of Civil Engineering, was presented.

Moved and carried that the Board proceed to elect a Professor of Applied Mechanics. Upon ballot duly had, Professor Irving P. Church was unanimously elected Professor of Applied Mechanics in the College of Civil Engineering for three years, at a salary of \$2,700 per annum, to date from the beginning of the next collegiate year.

Resolved, That the recommendation of the Executive Committee in favor of a general increase of salaries be re-committed, and the Committee be requested to examine the schedule of salaries of Professors, Associate Professors and Assistant Professors, and to readjust same as the best interests of the University seem to require, recommending such advance as circumstances justify.

Resolved, That in the opinion of this Board the Professor of Cryptogamic Botany and Plant Histology should superintend the Agricultural Experiment Station work in Cryptogamic Botany, and should have the necessary assistance to do the work. Carried.

Resolved, That there be appointed a committee of five, of which the Chairman shall be a member, to take into consideration the proposition submitted for a union of the Bellevue Hospital Medical College with Cornell University; said committee to confer with the Faculty of the Medical College, and to report recommendations to this Board at its June meeting. Carried.

The Board appointed Trustees Adams, Cornell, Barnes and Potter members of the above Committee.

On motion, adjourned.

E. L. WILLIAMS, Sec'y *pro tem*.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 27, 1892.

Present—Trustees Sage, H. W., Cornell, Adams, Sage, Wm. H., Sennott, Treman, Williams, Lord, and Halliday.

Moved and carried, that the use of the Armory, without charge, be granted to Miss Viele and Mrs. C. K. Adams on the evening of April 22d, with partial use on the evening of the 21st, for an entertainment to be given in behalf of the Students' Ward in the Ithaca Hospital; it being understood that the use of the room for rehearsal shall not interfere with the work of the departments occupying the building.

Resolved, 1st, That Professor J. W. Jenks be and hereby is placed in charge of the departments of Political Economy and Finance and

of Political and Social Institutions, the same to go into effect at the end of the present academic year; his title thereafter to be Professor of Political Economy and Civil and Social Institutions, at a salary of \$4,000.

Resolved, 2d, That Professor J. W. Jenks be allowed hereafter the sum of \$250 annually for expenses in visiting public institutions. Carried.

Moved and carried, that \$680 be added to the appropriation for the Gymnasium Annex to cover the cost of superintendence.

Moved and carried, that Dr. Hitchcock be authorized to employ a boy at the Gymnasium to care for bath and dressing rooms, at a cost not exceeding \$3 per week.

Moved and carried, that the question of a new chimney upon the gardener's cottage be referred to the Treasurer with power.

Moved and carried, that the Treasurer be requested to consult Architect Miller and report to this Committee regarding the practicability of securing better ventilation in Barnes Hall.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March 2, 1892.

Present—Trustees Sage, H. W., Adams, Cornell, Williams, Halliday, Treman, Synnott, and Lord.

Moved and carried, that the vote taken at last meeting in regard to Professor Jenks, be reconsidered.

Resolved, That the action taken at the last meeting in regard to Professor J. W. Jenks, be amended by substituting for the words "the same to go into effect at the end of the present academic year," the following:—"To go into effect at the end of the academic year 1892-3; and for the word "hereafter," the words "after 1892-3." The resolution as amended to read:

Resolved, 1st, That Professor J. W. Jenks be and hereby is placed in charge of the departments of Political Economy and Finance, and of Political and Social Institutions, to go into effect at the end of the academic year 1892-3; his title thereafter to be Professor of Political Economy and Civil and Social Institutions, at a salary of \$4,000.

Resolved, 2nd, That Professor J. W. Jenks be allowed, after 1892-3, the sum of \$250 annually for expenses in visiting public institutions. Carried, Mr. Cornell voting in the negative.

Moved and carried, that the Treasurer be authorized to purchase a mimeograph to be kept in room 13 B, White Hall, to be used by the different departments in the preparation of examination papers.

Resolved, That Assistant Professor W. A. Finch be and is hereby appointed Associate Professor of Law in the Law School for three years ; his salary to be adjusted hereafter. Carried.

Moved and carried, that the request of Professor Brainard G. Smith, for an appropriation of \$18 for the purchase of a mirror, be granted.

Moved and carried, that the Library Council be authorized to purchase of the University of Tübingen three sets of works, at an expense not exceeding \$360.

Moved and carried, that the Library Council be authorized to purchase books for the current year to an amount not exceeding \$9,000 in the aggregate, bills for purchases hereafter made to be presented after July 1.

Moved and carried, that the matter of putting electric gongs in the Mathematical room be laid on the table.

Plans for a cottage to be erected on the campus by Professor C. M. Tyler, were presented and on motion approved.

Moved and carried, that the Treasurer be authorized to make Professor Tyler a loan of \$4,000 when his cottage, to be erected upon the campus, is far enough advanced to warrant such a loan.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March, 10, 1892.

Present—Trustees Adams, Synnott, Sage, Wm. H., Halliday, Treman, Lord, and Williams.

On motion, Mr. Lord was called to the chair.

Moved and carried, that the acts of the Finance Committee in making a contract for the purchase of warehouse property in Brooklyn at \$550,000, be and the same hereby is ratified and confirmed.

Moved and carried, that the Finance Committee be authorized to make a contract with the Title Guaranty Co., to guarantee the title of property recently purchased in Brooklyn, at a cost of \$2,750.

Moved and carried, that the Treasurer be authorized to make preparations for the payment, on April 6, of \$300,000 on account of Brooklyn property recently purchased.

Moved and carried, that the Treasurer be and is hereby authorized to execute for and in the name of and under the corporate seal of the Cornell University, a mortgage, in accordance with the terms of the agreement made by the Finance Committee, for \$250,000 upon the

warehouse property in Brooklyn recently purchased of Mr. Harbeck, and to deliver the same to said Harbeck in part payment of the purchase price for said property.

Moved and carried, that the report of the committee upon the question of a University exhibit at the Columbian Exhibition be referred to a special committee of three, to consider and report upon to the Executive Committee. The Chair appointed as such committee the President, Wm. H. Sage, and Geo. R. Williams.

Moved and carried, that the Treasurer be authorized to request through Mr. Fremont Cole prompt payment of interest upon the Aug. Landen mortgage, and to commence foreclosure proceedings if such interest is not paid within a reasonable time.

Moved and carried, that the sincere thanks of this Board be extended to Judge Irving G. Vann for his donation of \$100 to the Law Library.

Moved and carried, that the \$100 donated by Judge Vann be added to the appropriation for the Law Library.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 22, 1892.

Present—Trustees Adams, Halliday, Lord, Williams and Sage, Wm. H.

On motion Mr. Lord was called to the chair.

A communication from Director Thurston asking that the salaries of Shop Instructors be increased to \$1,000 per annum was presented. On motion, *Resolved*, That in view of the fact that the question of revising the schedule of salaries is now under consideration, and also that the engagement of the Shop Instructors runs through the present year, action upon the recommendation of Dr. Thurston be postponed for the present.

Moved and carried that the applications of Professors Jenks and Bristol for the lot next west of Dr. Nichols's, in case it be surrendered by Professor C. M. Tyler, be filed with the Secretary.

Moved and carried that the petition of residents of Cascadilla for the fitting up of the large west room for a general reading-room be laid on the table.

Resolved, That E. L. Williams, Treasurer of Cornell University, be and is hereby authorized to sell, assign and transfer certificates Nos. 52033-52037 inclusive, for 100 shares each of the stock of the N. Y. Central & Hudson River R.R. Co., standing in the name of Cornell University. Carried.

Resolved, That E. L. Williams, Treasurer of Cornell University, be and is hereby authorized to sell, assign and transfer registered bonds Nos. 8127-8132 inclusive, \$5,000 each, of the Lake Shore & Michigan Southern Railway Co., now standing in the name of Cornell University. Carried.

Resolved, That E. L. Williams, Treasurer, be and is hereby authorized to make a note in name of Cornell University, and to borrow \$25,000, or so much thereof as shall be required, over and above the funds in hand, to make the payment of \$300,000 upon Brooklyn property. Carried.

Moved and carried that the Treasurer be authorized to order for early delivery, and as fast as needed, the necessary water-pipe for any lines upon the Campus already decided upon, or that may be hereafter decided upon, by the Committee on Buildings and Grounds.

Moved and carried that Mr. Chas. H. Hull be appointed Instructor in Political and Social Institutions for one year, at a salary of \$1,000, the same to take effect at the beginning of the next collegiate year.

Moved and carried that the Treasurer be authorized to correspond with Messrs. R. D. Wood & Co., of Philadelphia, with a view to securing a reduction of their bill, to partially compensate Cornell University for loss suffered by reason of their failure to deliver water-wheels on October 1st, as agreed; and that the Treasurer be authorized to effect a compromise with Messrs. Wood & Co. in his discretion.

Moved and carried that the communication of Director Fuertes recommending that Assistant Professor Spaulding be employed during the Summer vacation at \$100 per month, to clean and adjust the apparatus and instruments used during the previous year, be referred back, with the request that Director Fuertes give the Committee additional information as to the necessity for such work, and also explain why it may not be done by the Mechanician and Janitor already employed in that department.

Moved and carried that the unexpended balance of the German appropriation for last year, \$72 10, be re-appropriated.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March 29, '92.

Present—Trustees Cornell, Adams, Lord, Halliday, Sage, Wm. H., Synnot, Treman and Williams.

On motion, Mr. Cornell was called to the chair.

Minutes of last meeting were read and on motion approved.

Moved and carried that the renting of the cottage now occupied by Professor Wheeler be referred to the Treasurer, with power.

Moved and carried that leave of absence be granted Dr. G. C. Caldwell during the Fall term of 1892-93 without diminution of salary, with the understanding that his special lectures and all work under his general charge be provided for without extra cost to the University.

Moved and carried that the action of the President in informing Instructor Nelligan that the policy of the University was to pay the Instructor in Gymnastics only \$1,000 per annum, be and the same is hereby approved.

Resolved, That after the present year the term Instructor, as now applied to members of the teaching force in the Sibley Shops be discontinued, and the term Foreman be substituted in its place.

Resolved, That in case more than one person be required to give the necessary instruction in any of the shops, the persons employed for such extra instruction have the title of Assistant Foreman, or Assistant, as the case may seem to require.

Resolved, That Mr. Clayton L. Stanton be and hereby is appointed Assistant Foreman in the Machine Shop at a salary of \$1,000, the same to take effect at the end of the present academic year.

Resolved, That the Trustees of Cornell University respectfully request the President to tender to Judge Finch, Dean of the Law School, an expression of the sincere sympathy and condolence of each member of this Board on account of the terrible bereavement which has so suddenly fallen upon his household.

Resolved, That this Board attend the funeral of Mrs. Finch on Thursday next in a body.

Communications from Director Fuertes and Assistant Professor Spaulding explaining the necessity for the presence of a professor in the Engineering Laboratory during the summer vacation, were presented.

Moved and carried that Assistant Professor Fred B. Spaulding be allowed extra compensation at the rate of \$100 per month for the time which he shall be engaged in the Engineering Laboratory during the coming summer vacation.

Moved and carried that the sum of \$150 be added to the Architectural appropriation.

Moved and carried that the scheme for summer courses of study at Cornell, as presented by sundry Assistant Professors and Instructors, and approved by heads of departments, and also by the General Faculty, be and the same is hereby approved upon condition that all business arrangements and details be made satisfactory to the President and Treasurer.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 5, 1892.

Present—Trustees Adams, Lord, Halliday, Sage, Wm. H., and Treman.

On motion Mr. Lord was called to the chair.

The resignation of Assistant Librarian Wm. H. Hudson, to take effect at the end of the present collegiate year, was presented and on motion accepted.

Moved and carried that Mr. Wm. H. Austin be appointed Assistant Librarian in place of Mr. Hudson, resigned; term of service to date from the beginning of the next academic year, with salary at \$1,000 per annum, with the prospect of an increase of \$100 per year for two years, in case his services are entirely satisfactory.

A communication from Prof. Bailey in regard to new boilers and boiler house for the Horticultural Department, was on motion referred to the Committee on Applied Science, with power.

Moved and carried that Mr. E. A. Ross be and is hereby appointed Associate Professor of Political Economy and Finance for three years, at a salary of \$2,500 per annum, term of service to begin with the next academic year.

Moved and carried that \$250 be added to the appropriation for the department of Physical Culture.

The question of purchasing the Dr. Newcomb Conchological Library, was on motion referred to the Library Council to report.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 12, '92.

Present—Trustees Cornell, Adams, Lord, Halliday, Sage, Wm. H., Treman and Williams.

Minutes of last meeting were read and on motion approved.

Moved and carried that the Chairman of the Board and the President be authorized to publish the proceedings at the opening of the new Library Building, at such expense as they may determine.

Moved and carried that the question of a name for the large lecture room in the new Library Building be referred to the Chairman of the Board and the President, with power.

A communication from Dr. Nichols recommending the appointment of Instructors in Physics for next year was presented, and on motion laid over one week.

Moved and carried that the sum of \$25 be granted to the Mathematical Department for the purchase of portable blackboards.

Moved and carried that the lot at southeast corner of South and West Avenues be leased to Professor J. W. Jenks, upon the usual term of lease.

Moved and carried that the property recently purchased in Brooklyn be known upon the University books as the Harbeck Stores, Brooklyn.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., April 19, 1892.

Present—Trustees Sage, H. W., Adams, Sage, Wm. H., Synnott, Treman, Williams, and Cornell.

A communication from Dr. Thurston recommending the erection of some cottages upon the Campus for renting to subordinate University officials, was on motion referred to the Finance Committee to investigate and report at their convenience.

A communication from Dr. G. C. Caldwell recommending the advancement of Assistant Professor Dennis to the highest rank of Assistant Professors, was on motion referred to the Committee on Readjustment of Salaries.

Moved and carried that leave of absence for one year, without diminution of salary, be granted Director E. A. Fuertes, upon condition that arrangements for carrying on the work of the College of Civil Engineering be made to the satisfaction of the President, without extra expense to the University.

Moved and carried that consideration of the communication of Dr. Nichols in regard to the appointment of Instructors in Physics for next year, be postponed until after the report of the Committee on Readjustment of Salaries.

Moved and carried that the use of the Gymnasium Annex be granted the Senior Class for the Class Banquet, on Friday evening, May 13th, upon such terms as the Treasurer may impose.

Moved and carried that the second lot west of Dr. Nichols', on South Avenue, be granted to Professor I. P. Church, in lieu of the lot heretofore granted him.

Moved and carried that the lot next south of Professor Brainard G. Smith, surrendered by Professor Laughlin, be granted Professor Geo. P. Bristol, upon the usual terms of lease.

The Committee on Applied Science recommended granting Professor Bailey's request for new boiler and boiler-house for the Horticultural Department, upon the condition that the boiler recently taken out of Sibley College be used, if it will answer the purpose, instead of taking one of the boilers from McGraw Hall.

On motion the report of the Committee was accepted and adopted.

Moved and carried that \$675, or so much thereof as may be necessary, be appropriated for boiler and boiler-house for the Horticultural Department.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 26, 1892.

Present—Trustees Sage, H. W., Adams, Cornell, Treman, Williams, and Lord.

Minutes of meeting April 19th were read and on motion approved.

WHEREAS, The action of this Committee of April 5th, appointing Mr. E. A. Ross Associate Professor of Political Economy and Finance, is in violation of the University Statutes,

Resolved, That such action be and the same is hereby rescinded.

Resolved, That this Committee recommend to the Board of Trustees the election of Mr. E. A. Ross to an Associate Professorship of Political Economy and Finance for three years, at a salary of \$2,500 per annum, term of service to begin with the next academic year.

The following was presented, ordered printed in the minutes, and laid on the table for future action.

PRESIDENT'S ROOMS, CORNELL UNIVERSITY, }
ITHACA, N. Y., April 26, 1892. }

To the Executive Committee :

GENTLEMEN—At the October meeting of the Board of Trustees a resolution was passed establishing a chair of Cryptogamic Botany and Plant Physiology, and authorizing the President to make a nomination in accordance with the methods prescribed by the Statutes. It will be remembered that the initial purpose of this resolution was to provide for the promotion of the present Assistant Professor of Cryptogamic Botany. At the time of the passage of the resolution, however, attention was called to the fact that the Statute requires the President, whenever a full Professor is to be appointed, "to seek diligently and to the best of his ability * * * * * and nominate

to the Senate the person whom he may consider most worthy to occupy the vacancy to be filled."

In pursuance of this requirement, I sought the advice and counsel of those Professors who by the nature of their work, will be most intimately associated with the Professor of Cryptogamic Botany. At the meeting held for this purpose the Professors of Botany and Horticulture, and the Director of the Agricultural Experiment Station took the following ground :

1. They thought it unwise to divide the department of Botany and place it under two heads, as this would involve a very considerable expense for duplications of apparatus, and break up the harmony that ought to prevail in the department as a whole.

2. Even if it were thought best to make such a division, they doubted whether the spirit of the present Assistant Professor justified the hope that the two departments could be harmoniously administered.

3. In case it should be thought best by the Trustees to have the work in Botany of the Agricultural Experiment Station done by the Professor of Cryptogamic Botany, they were very decidedly of the opinion that the present Assistant Professor should not be appointed to the position.

The view thus unanimously expressed by the Professors in Council was subsequently emphasized by a formal protest on the part of the Director of the Agricultural Experiment Station.

At the meeting of the Board in February I presented the matter, asking for a decision of the Trustees on the question whether the work in Botany of the Experiment Station was hereafter to be done by the Professor of Cryptogamic Botany in the new chair. The Board decided, after full deliberation, that the two spheres of work should be kept together. At the same meeting in answer to a question as to whether I should nominate the present Assistant Professor to the new position in case the departments should be kept together, I replied, that it would depend very largely upon the judgment of the Professors with whom the new incumbent would be most intimately associated in his work.

After the meeting I informed the Professors of Botany, Horticulture, and Agriculture of the action and asked for an expression of their judgment. The result was the placing in my hands of a paper bearing all their signatures and reiterating their former opinion.

By this action I was brought face to face with the two-fold question :

1. Whether I ought to nominate a man as a Professor in opposition to the written and strongly expressed opinions of the men with whom he would necessarily be most intimately associated ; and

2. Whether in view of the purpose for which the Professorship was created, I ought to proceed upon the supposition that it is the opinion of the Trustees that such an independant chair as that of Cryptogamic Botany should be established.

The first question I must answer in the negative. In view of the opposition of Professors, and in view of the obligation placed upon me by the Statute, I cannot nominate for the Professorship in question the present Assistant Professor of Cryptogamic Botany.

In regard to the second question my duty is less clear. Though the instructions of the Board are explicit, I cannot help supposing that they were given under the supposition that I should be able to see my way clear to nominating the present assistant professor. That contingency removed, I am in doubt whether the wishes of the Trustees would be best subserved by my following out the letter of their instructions. On this point I ask for the advice of the Executive Committee. Though I shall be guided by this advice, it may not be improper for me to express my own opinion as to the course, which, it seems to me, would be best for the University.

1. The experience of the University does not encourage the placing of two full professors in the same department.

2. In Botany the division of the present department into two parts would be attended with peculiar disadvantages. The conservatory, the herbaria, the library, the microscopes, would have to be very largely duplicated in order to insure harmonious and efficient administration.

3. Not only in point of material equipment, but also in point of personal service, the division would add very largely to our expenses, without adding to the quality and efficiency of the instruction.

In view of these considerations I am very firmly of the opinion that a division of the department is unwise. It is not very easy to compute the additional expense for equipment that would be called for by a division, but it would undoubtedly be large. But in point of personal service, the additional cost is easily computed. There would have to be at the very least the following :

The present professor,	\$3,000 00
The new professor,	3,000 00
One instructor for each,	2,000 00
	<hr/>
	\$8,000 00

In my judgment a far better arrangement would be the following :

The present professor,	\$3,000 00
An associate professor,	2,500 00
An assistant professor,	1,400 00
An assistant,	600 00
	<hr/>
	\$7,500 00

This would effect a saving of five hundred dollars a year, and would secure a far more harmonious, compact, and efficient organization. It would also enable us to retain the services of Mr. Rowlee, who, after several years of successful service as an Instructor, is unwilling to remain unless he can be promoted to the rank of an Assistant Professor.

Hoping that the Executive Committee will take the responsibility of deciding the question,

I am, &c., &c., &c.,

C. K. ADAMS, President.

Moved and carried that Mr. Wm. K. Hatt, C.E., be appointed Instructor in Civil Engineering for the next academic year, in place of Mr. H. N. Ogden, at a salary of \$1,000.

Communications from Professor Moses Coit Tyler, and from Professors in the Departments of English, French and German, asking for additional scholarships and fellowships, were on motion, laid on the table.

Moved and carried that \$250 be appropriated towards the support for the current year of the American School for Classical Studies at Athens.

The question of appropriating \$300 to the Cornell Navy, towards defraying the expenses of the proposed regatta in June, was on motion laid over one week.

Plans for a cottage to be erected on the campus for Professor I. P. Church, were presented, and on motion approved.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 3, 1892.

Present—Trustees Sage, H. W., Adams, Treman, Sage, Wm. H., Synnott, Williams, Lord, Cornell, and Halliday.

Moved and carried that the Director of Sibley College be informed that if Chief-Engineer Hiscock can be induced to remain, he may expect an increase of salary to \$1,000 next year; also that the matter of building cottages for rent to subordinate University officials will be taken up for consideration by the Finance Committee during the coming week.

Moved and carried that Dr. Walter F. Willcox, Ph.D., be and is hereby appointed Assistant Professor of Social Science and Statistics and Political Economy for three years, at a salary of \$1,400, to date from the beginning of the next academic year.

A communication from Professor A. N. Prentiss, asking permission to make an addition to his cottage on the campus was presented. On motion,

Resolved, That we deem it inexpedient to take any action with reference to the application of Professor Prentiss.

Moved and carried that the communication from Dr. Wheeler in regard to an Instructor in Greek for the coming year, be laid on the table for consideration after the report of the Finance Committee upon the general financial condition of the University.

Moved and carried that the northeast room of main floor in Barnes Hall be set aside for the use of Professor C. M. Tyler as a seminary room, for the coming year, the rent to be paid by the University.

Moved and carried that the sum of \$25 be appropriated towards the expense of the C. U. C. A. Hand Book for 1892-3.

A communication from Professor Brainard G. Smith asking a change in his title, was on motion, laid on the table.

Moved and carried that the Treasurer be authorized to send the usual order for chemical supplies to the amount of \$2,380, to be imported during the summer, and to be paid for from next year's appropriation.

Moved and carried that the Treasurer be authorized to return the tuition fee paid by Katherine M. Miller for the current term, she having been obliged to leave the University on account of sickness.

A communication from Professor I. P. Church, in regard to his lot on South Avenue, was on motion referred to the Chairman of the Board, with power.

A petition from the Ithaca Street Railway Co., endorsed by a number of Professors residing upon the campus, asking permission to run the line of said company on Central, East and South Avenues, was presented.

Resolved, That the officers of the Ithaca Street Railway Co., be requested to present to this committee maps showing the lines of their proposed road upon the campus, and full information as to details of construction and operation.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 10, 1892.

Present—Trustees Sage, H. W., Adams, Halliday, Sage, Wm. H., Lord, Synnott, Williams, Treman, and Cornell.

Minutes of meeting of May 3d, 1892, were read and on motion approved.

Moved and carried, that the use of the Armory, upon the usual terms, be granted the Senior Ball Committee the evening of Tuesday June 14th, 1892, for the purpose of holding their class ball.

Moved and carried, that \$30 be appropriated for payment for stenographic and typewriter work on lectures in Metallurgy, as requested by Dr. Newbury.

Moved and carried, that Dr. Newbury's requests for appropriation of \$50 for purchase of special Clark Electric Arc Lamp, and of \$100 to pay for photographic enlargement of drawings, be referred to the Committee on Applied Science to report.

A communication from Dr. Thurston in regard to the Mechanical Laboratory was, on motion, referred to the Committee on Applied Science to report.

Moved and carried, that the proposed delivery by Professor C. E. Hughes of a course of lectures at the New York Law School during the spring vacation be approved by this committee.

A communication from Drs. Wilder and Gage, asking for the advance of Instructors G. S. Hopkins and P. A. Fish to first grade of instructors, was referred to the Committee on Natural History to report.

Moved and carried, that the subject of improvement, use and occupation of McGraw Hall be referred to the President and Chairman with power, and to make such expenditures as they may deem wise.

Moved and carried, that the Treasurer be authorized to insure for

the benefit of the United States, the ordnance stores belonging to the United States in possession of the University.

Moved and carried, that Mr. Horace I. Smith be appointed Superintendent, with duties as defined by the Statutes, at a salary of \$1,200 per annum, to go into effect Monday, May 16, 1892.

In view of the fact that the appointment of a Superintendent will relieve Professor J. L. Morris of the duties of Superintendent of Buildings,

Resolved, That the Chairman be requested to report as to the desirability of deducting from Professor Morris's salary the \$250 which he has been heretofore paid as such Superintendent of Buildings.

A supplementary communication from the Ithaca Street Railway Co., accompanied by sketch of their proposed line upon the Campus was presented.

Mr. A. C. Robertson, vice-president of the company, also came before the committee and explained in person the manner of operation and construction of their proposed road.

After considerable discussion, a motion to adjourn until Thursday at 4 o'clock p. m., to take action in regard to the application of the Ithaca Street Railway Co., prevailed.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 12, 1892.

Present—Trustees Sage, H. W., Cornell, Sage, Wm. H., Lord, Synnott, Halliday, Treman, and Williams.

Moved and carried, that the Chairman of the Board and Messrs. Cornell and Halliday, be a committee to negotiate with the Ithaca Street Railway Co. for a line upon the Campus, and report to this Committee.

Moved and carried, that the Treasurer be authorized to pay Fremont Cole \$250 on account of expenses in foreclosure Denny Hotel mortgage.

Moved and carried, that the matter of permitting the city garbage wagons to come upon the Campus for collecting garbage, be referred to the Treasurer with power.

Moved and carried, that the Treasurer be authorized to make an arrangement with Mr. M. C. Garrett, Cashier of the First National Bank of Madison, Neb., to obtain a judgment upon the past due coupons of the Madison Village water bonds.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, May 17, 1892.

Present—Trustees Sage, H. W., Cornell, Adams, Halliday, Sage, Wm. H., Treman, Lord and White.

Minutes of meetings of May 10th and 12th were read, and on motion approved.

Moved and carried that Special Lecturers in the School of Law be appointed for 1892-3, as follows, viz. : Hon. Francis M. Finch, Hon. D. H. Chamberlain, Mr. Albert H. Walker and Dr. John Ordronaux.

Moved and carried that the matter of furniture for Law School building be referred to the Law Faculty and the Architect, to report as to kind, quantity and probable cost.

Moved and carried that \$100 be appropriated to defray extra expenses of Professor Corson in attending ter-centenary celebration of Dublin University, as delegate from Cornell.

President Adams tendered his resignation as member of the Committee to report upon subject of an exhibit at the Columbian Exhibition, and moved that Dr. Thurston be appointed in his place. Carried.

A communication from Professor Roberts was on motion referred to Committee on Columbian Exhibition.

On motion appointments were made in the Agricultural Experiment Station for 1892-3 as follows :

Mr. M. V. Slingerland, Assistant Entomology, at . . .	\$1,000
Mr. Geo. C. Watson, " Agriculture, at . . .	1,000
Mr. L. C. Corbett, " Horticulture, at . . .	750
Mr. G. W. Cavanaugh, " Chemistry, at . . .	800

On motion \$25 was appropriated for music at Junior Prize Speaking.

Request of Professor Babcock for exemption this year from rule requiring the presence of professors during Commencement week, was on motion granted.

Request of Mr. J. D. Whelpley for exemption from present term's tuition, on the ground of sickness, was on motion granted.

Question of taking northeast room, first floor, Morrill Hall, for an office for the Superintendent, was referred to Treasurer with power.

The committee to whom was referred Dr. Thurston's communication in regard to "Operation of Mechanical Laboratory," reported in favor of granting his request for the continuation of the present force, and of increasing the salary of Professor Carpenter from \$2,500 to \$2,750, such increase to be paid from income of Mechanical Laboratory. On motion the foregoing report was accepted and adopted.

Moved and carried that the Treasurer be authorized to pay the expenses of Geo. R. Williams to New York, for the purpose of closing the purchase of the Harbeck stores.

Moved and carried that the insurance on the Harbeck stores be reduced to 40 per cent. of present basis, as fast as the present insurance expires.

Moved that the Chairman be authorized to tender free tuition in the University to the son of Missionary W. D. Powell. Carried. A motion to reconsider the foregoing was carried.

Moved and carried that action upon the matter of granting free tuition to the son of Mr. W. D. Powell be postponed until after the lecture to be delivered by Mr. Powell on Saturday evening next.

Adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., May 18, 1892.

Present—Trustees Cornell, Synnott, Sage, H. W., Halliday, Sage, Wm. H., Salmon, Woodford, Sibley, Lord, White, Kerr, Williams, and Treman.

Letters from Trustees Barnes, Crooker, Potter, and Jordan, regretting their inability to be present, were read, and on motion, they were excused.

Minutes of the meeting of the Board held February 23d were read, and on motion approved.

Minutes of Executive Committee from February 27th to and including May 17th were read, and on motion approved.

Moved and carried that the Board proceed to the election of an Associate Professor of Political Economy and Finance, in accordance with the recommendation of the Executive Committee of April 26th, 1892.

Upon ballot duly had, Mr. Edward A. Ross was unanimously elected Associate Professor of Political Economy and Finance for three years, at a salary of \$2,500 per annum, term of service to begin with the beginning of the next academic year.

Moved and carried that the Board proceed to the election of an Associate Professor of Law.

Upon ballot duly had Assistant Professor W. A. Finch was unanimously elected Associate Professor of Law in the Law School for three years.

The following was presented :—

PRESIDENT'S ROOMS, CORNELL UNIVERSITY,
ITHACA, N. Y., May 5, 1892.

*To the Hon. Henry W. Sage,
Chairman of the Board of Trustees :*

SIR :—On account of grave and seemingly irreconcilable differences of opinion in regard to matters of administrative importance, I hereby tender my resignation as President of Cornell University to take effect at the close of the present collegiate year, and I ask you to present the same to the Trustees at the next meeting of the Board.

In the earnest hope that in the years to come the University may be even more prosperous than it has been during the seven years of my administration, I am, very respectfully yours,

C. K. ADAMS, President.

Moved that the resignation of C. K. Adams as President of Cornell University, be accepted. Carried, Mr. White voting in the negative.

Resolved, That a committee of three be appointed by the Chair to present to this Board a memorandum or resolution expressive of our sense of the services of President Adams to the University during his term of office, and that the Chairman of the Board be requested to act as an additional member of said committee. Carried.

The Chair appointed as such committee Messrs. White, Woodford, and Salmon.

The committee appointed to present a memorandum expressive of our sense of the services of President Adams to the University, presented the following, which was adopted :

It is in obedience both to a sense of duty and to a feeling of strong personal respect and attachment that the Trustees of Cornell University place upon their minutes this formal expression of their cordial appreciation of the services of Dr. Charles Kendall Adams as their chief executive officer during the past seven years.

He came into the Presidency at a time when a great addition to the material resources of the institution demanded commensurate effort. New departments were to be created, old departments enlarged and re-organized ; large additions were to be made to the Faculty and great extension given to the equipment.

It is not too much to say that President Adams distinguished himself by the fidelity with which his multifarious duties were discharged. The formation of his plans was marked by wisdom, and their execution by unwearied labor and care. In the choice of professors he showed remarkable sagacity ; rarely in the history of any institution has such a series of eminent professors been brought into any faculty as that which has been introduced under his administration into Cornell University. A very striking testimony to the wisdom of his nominations is seen in the efforts which other leading

institutions have made to attract into their own faculties the men he had thus selected.

In the relations between the University and the National and State Governments, and especially with the Department of Public Instruction in the State of New York, President Adams has also shown his ability to deal with men in the conduct of large public affairs.

As regards the influence of the University on the public and wide discussion of the leading educational topics of the time, President Adams by his writings and speeches has materially influenced the most enlightened public opinion of his country, and as a writer upon historical subjects, he has done work which has elicited praise from the highest sources on both sides of the Atlantic.

His administration will be remembered in the history of Cornell University as equally important to the interests of the institution and creditable to himself, and we tender to him as a scholar, as an educator, and as a man, the assurance of our sincere respect and regard, with our best wishes for his future success and happiness.

The following was presented :—

OFFICE OF THE DEAN,
CORNELL UNIVERSITY, ITHACA, N. Y., May 10, 1892. }

To President Charles K. Adams :

MY DEAR SIR :—

Allow me to tender to the Board of Trustees, through yourself, my resignation of the office of Dean of the General Faculty, to which you nominated me, the same to take effect at the end of the present collegiate year. The Dean of the General Faculty is now appointed on the nomination of the President and with the concurrence of the Faculty. As at the date of my election the concurrence of the Faculty was not required, it seems to me that a double reason exists for my resignation at the time of your retirement.

Permit me on this occasion to express my grateful sense of the considerate and friendly support which you have given me in the discharge of the duties of my office. While I have been left free to perform those duties in the manner which seemed to me most efficient, our relations during the four years of our official association have been unvaryingly cordial and confidential. In the absence of such relations, and without the kindly coöperation and indulgence of my colleagues in the Faculty, it would have scarcely been possible for me to have sustained the burdens of the position.

I remain, dear sir,

Very respectfully yours,

HORATIO S. WHITE.

Moved and carried that the resignation of Professor H. S. White as Dean of the General Faculty be accepted.

Moved and carried that the Board proceed to an informal ballot for a candidate for a President of the University. Upon ballot duly had, Dr. J. G. Schurman received twelve votes, the entire number cast.

Moved and carried that the Board proceed to a formal election of a President of the University to succeed President Charles K. Adams, resigned.

Upon ballot duly had, Dr. J. G. Schurman received thirteen votes, and was declared unanimously elected.

Moved and carried that a Committee of two be appointed by the Chair to inform Dr. Schurman of his election to the Presidency of Cornell University, and to invite him to come before the Board and state his pleasure.

The Chair appointed as such Committee Messrs. White and Salmon.

In response to the invitation of the Committee, Dr. Schurman came before the Board, and in a few brief remarks formally accepted the office to which he had been elected.

Resolved, That there be and is hereby established in this University in place of the present Associate Professorship of History, a Professorship of Ancient and Mediæval History and the History of Civilization, with a salary of \$3,000, and that there be attached to the duties of the said Professorship those of the Librarianship of the White Historical Library, and that the salary of said Librarianship be deducted from that attached to the Professorship hereby created. Carried.

Resolved, That President Adams be requested to sit for a portrait, to be placed in the University, and that the Chairman of the Board be empowered to carry out this resolution. Carried.

Resolved, That \$6,000 be appropriated, to be paid quarterly, in the usual manner, to President C. K. Adams during the ensuing year. The ayes and nays being called, resulted as follows: Ayes—Messrs. Synnott, Sage, H. W., Halliday, Sage, Wm. H., Salmon, Woodford, Sibley, Lord, White, Kerr, Williams, Treman. Nays—Cornell.

Moved and carried that the action of this Board establishing a Chair of Cryptogamic Botany and Plant Histology be rescinded, and that the question of establishing such a Chair be referred to the University Senate for advice, with the request that they report recommendations to this Board at its June meeting,

Adjourned.

E. L. WILLIAMS,
Acting Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 24, 1892.

Present—Trustees Sage, H. W., Adams, Cornell, Halliday, Tremen, Synnott, Williams and Lord.

Moved and carried, that the list of Instructors recommended for 1892-3 be adopted, except in cases where increase of salary is asked for, and that such cases be referred to the Chairman and President, with power.

Appointments made under the foregoing resolution are as follows :

In Romance Languages :

L. E. Lapham	\$1,000
W F. Giese	1,000
C. H. Thurber.	1,000

In German :

Camillo VonKlenze.	1,000
W. A. Adams.	1,000

In English :

V. E. Coffin	1,000
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In Philosophy :

J. E. Creighton.	1,000
Frank Thilly.	1,000

In Botany :

W. W. Rowlee.	1,000
R. Shore, Head Gardener.	1,200

In Architecture :

L. J. Young	1,000
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In Mechanical Engineering :

John S. Reid, Inst. in Drawing and Designing	1,000
H. S. Gutsell, Inst. in Industrial Art.	1,000
F. H. Noyes, Inst. in Industrial Art	1,000
A. P. Willis, Inst. in Art Drawing.	1,000

In Mechanic Arts :

Jas. Wiseman, Foreman in Machine Shop	1,200
Clayton L. Stanton, Assistant Foreman	1,000
Geo. Pollay, Assistant in Wood-Shop	750

In the Department of Physics :

S. J. Saunders, Instructor	1,000
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In Civil Engineering :

Walter L. Webb, Instructor	1,000
John E. Hill, Instructor	1,000
Charles W. Comstock, Instructor	1,000
Charles W. Sherman, Instructor	1,000

In Agriculture :

James E. Rice, Assistant to Professor in Agriculture	500
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Heat, Light and Power :

Richard Hiscock, Chief Engineer,	1,000
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Moved and carried, that the Treasurer be authorized to pay, upon properly audited bills, the expenses of persons invited to Ithaca with view to engagement in the University corps of instruction.

The following communication was presented :

CORNELL UNIVERSITY, May 21, 1892.

Mr. Emmons L. Williams,

Secretary of the Executive Committee :

DEAR SIR :

At a meeting of the University Senate, held May 20th, the President of the University presented for its consideration the nomination of Associate Professor George L. Burr for the Professorship of Ancient and Mediæval History and the History of Civilization.

After consideration of the nomination, it was approved by a vote taken in due form.

In connection with this matter, the following resolution was adopted :

Resolved, That the Senate suggest to the Executive Committee the desirability of considering a change in the title of the Professorship of "Ancient and Mediæval History and History of Civilization," to that of Ancient and Mediæval History.

Yours truly,

G. C. CALDWELL, Sec'y.

Moved and carried, that the communication from the University Senate be referred to the Full Board, with the recommendation that it be adopted.

Moved and carried, that the subject of extension of our water main to the south end of Grove Place, be referred to the Chairman of the Board, with power.

Moved and carried, that the subject of music for Commencement

and Woodford Speaking, be referred to the Treasurer and Mr. Treman, with power; cost not to exceed \$150.

Moved and carried, that the subject of Commencement dinner be referred to the Treasurer and Mr. Treman, with power.

Moved and carried, that \$10,000, or so much thereof as may be necessary, be appropriated for extension of water mains.

Moved and carried, that the building of a dam in Cascadilla creek, for the purpose of supplying the Gymnasium with water, be proceeded with under plans adopted last fall.

Moved and carried, that the request of Professor Roberts for additional water mains to the barn, be granted.

Moved and carried, that the Treasurer be authorized to have repairs on floors of Harbeck Stores made, in accordance with recommendations of Mr. Day.

On motion, adjourned until Monday, 30th inst., at 4 p. m.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 30, 1892.

Present—Trustees Sage, H. W., Adams, Lord, Williams, White, Treman, Halliday, and Sage, Wm. H.

Minutes of meeting held May 24, were read and on motion approved.

Moved and carried, that Mr. E. H. Preswick be reappointed Instructor in Chemistry for the academic year 1892-3, at a salary of \$1,000.

Moved and carried, that Mr. E. M. Chamot be reappointed Instructor in Chemistry for the academic year 1892-3, at a salary of \$750.

Moved and carried, that Professor Moses Coit Tyler be granted leave of absence from June 8th to the end of the term.

Moved and carried, that the sum of \$4,500 be appropriated for completion of water power improvement.

A communication from Mr. Amos Padgham in regard to founding a scholarship in Sibley College, was referred to the President, Mr. Halliday, and Dr. Thurston to report.

A petition from the young ladies at Sage asking for the appointment of a woman as Director of the Department of Physical Culture, at Sage College, was, on motion, referred to the Chairman of the Board, with power.

Moved and carried, that the lot of ground lying between the lot of Professor Gage and those of Professors Prentiss and Morris, be assigned to Professor J. W. Jenks, upon the usual form of lease, in lieu of the lot heretofore granted him.

Moved and carried, that the question of lowering the radiators, first floor Barnes Hall, be referred to the Treasurer, with power.

Moved that the report read by the Chairman upon the subject of increase of salaries, be adopted as the report of this Committee to the Full Board. Carried, Mr. White and President Adams voting in the negative.

On motion, adjourned to meet at Cascadilla Place at 7 p. m. for the purpose of looking over the proposed line of the Ithaca Street Railway across the campus.

The Committee met as per adjournment, went over the different routes proposed, and on motion adjourned until Saturday at 4 p. m., for the purpose of taking action upon the subject.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., June 4, 1892.

Present—Trustees Sage, H. W., Adams, White, Halliday, Williams, Treman, Synnot, and Lord.

Minutes of meeting held May 30th were read and on motion approved.

The following schedule of expenses of the Library for 1892-3, was presented by Librarian Harris and recommended by the Library Council:

CORNELL UNIVERSITY LIBRARY.

Estimates for 1892-93.

Librarian (G. W. Harris)	\$2,700
Assistant Librarian (A. C. White), Accession and Classification	1,600
Assistant Librarian (W. H. Austin), Reference Library	1,000
Librarian of White Hist. Library (G. L. Burr)	600
First Cataloguer (M. Fowler)	800
Cataloguer (G. Van Dusen)	550
Assistant in Reference Library (— — —)	480
Assistant in Accession Dept. (— — —)	400
Temporary copyist in Catalogue Dept.	300
Work of labelling and inserting book-plates in new books	200
3 Pages, two in reading room and one in periodical room, \$156 each	468
2 Janitors, \$360 a year each	720
	<hr/> \$9,818

Library Bulletin and miscellaneous printing	450
Stationery, postage, freight, expressage, etc.	350
Binding periodicals and repairs to books in use	1,500
Purchase of books and periodicals, income of Sage Endowment Fund	15,000
Purchase of books, etc., for White Historical Library, by terms of gift	800
<i>Mem.</i> —Provision should be made from the White Catalogue Fund for \$600 for the work of Mr. A. V. Babine in 1892-3, and also for the necessary expenses of printing the White Library Catalogue as rapidly as it is prepared for the press	600
	<u>\$28,518</u>

Moved and carried, that the recommendation of Librarian Harris be approved and appropriation asked for, \$28,518, allowed.

Moved and carried, that Mr. Wm. Strunk, Jr., be appointed Instructor in English for the year 1892-3 at a salary of \$1,000.

Moved and carried, that Mr. Geo. H. McKnight be appointed Instructor in English in the place of Instructor Coffin resigned, for the year 1892-3, at a salary of \$750.

Moved and carried, that students in the University be required hereafter to purchase their examination books, the form of book, together with the rules and regulations governing its use, to be determined by the President and Treasurer.

Moved and carried, that the act of the Treasurer in sending Messrs Gleed & Gleed, of Topeka, Kan., papers in mortgages purchased by Cornell University from K. L. & T. Co., for the purpose of having same properly assigned of record, and any differences with the K. L. & T. Co. adjusted, be ratified and approved.

The committee appointed to report upon the question of an exhibit by the University at the Columbian Exhibition, recommended that no exhibit be made.

On motion, the report was accepted and adopted.

On motion, *Resolved*, That the Ithaca Street Railway Co. be authorized to lay its track upon the University property as far as South Ave., at a point about 100 feet east of the Armory, provided they approach the University property via Eddy or Heustis Streets, and provided further that the extension of the road across the campus be indefinitely postponed. The details, conditions, terms, and location of the road to be referred to the Chairman of the Board with power.

Moved and carried, that the salary of Associate Professor W. A. Finch be fixed at \$2,500 per annum.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., June 7, 1892.

Present—Trustees Sage, H. W., Williams, Treman and Lord.

Mr. Hilger presented to the Committee a schedule of furniture needed for the Law School Building, with estimates of cost, amounting in the aggregate to \$5,205.

Moved and carried that the Architect be authorized to complete the necessary drawings for the furniture for the Law School Building, and to invite bids for same, including the chandeliers.

Resolved, That the Secretary of the Board be instructed to give official notice to Dr. Jacob Gould Schurman of his election to the Presidency of Cornell University, to date from June 17th, 1892, and to inform him that such election carries with it the right to the President's house, upon the same terms that it is held by the retiring President. Carried.

Resolved, That Professor C. M. Tyler be granted the use of the cottage erected for the use of the Professor of Christian Ethics and Mental Philosophy, upon the same terms that it is held by the present occupant, provided that should a new head to the School of Philosophy be elected hereafter, that he will, upon the request of the Trustees, surrender possession of the house to the person so elected.

On motion, the request of the Sigma Chi Fraternity for the two building lots at the southeast corner of South and West Avenues was laid over one week.

Moved and carried that the Treasurer be authorized to advance to Professor E. A. Fuertes his salary for next year; one-half on or about July 1st, and the balance on January 1st, 1893, charging him the usual discount upon same.

A letter from Donald McNaughton, Chief Executive officer of the World's Columbian Exposition for the State of New York, was presented, and on motion referred back to Dr. Thurston without recommendation, but with the suggestion that if he has any recommendation to make, it will be considered by the Committee.

Resolved, That appointments be made for the year 1892-3 as follows:

In Entomology:

Alexander D. McGillivray, Assistant \$500

In Geology :	
A. S. Eakle, Assistant	500
In Mechanic Arts :	
Wm. H. Wood, Foreman in Wood Shop	750
James W. Grainger, Foreman in Forging	750
James E. Vanderhoef, Foreman in Foundry	750
Dept. Experimental Engineering :	
Geo. B. Preston, Instructor	750
O. G. Heilman, Instructor	750
I. J. Macomber, Instructor	600
Dept. of Physics :	
N. H. Genung, Assistant	500
H. J. Hotchkiss, Assistant	500
F. J. Rogers, Assistant	500
F. C. Fowler, Mechanician	750
Civil Engineering :	
W. O. Stubbs, Mechanician	\$2.00 per day
Horticultural :	
E. G. Lodeman, Instructor	750
Physiology, etc.:	
G. S. Hopkins, Instructor in Anatomy, Microscopy, and Embryology	750
P. A. Fish, Instructor in Physiology, Zoology, and Neu- rology	750
Mathematics :	
C. S. Fowler, Instructor	1,000
W. G. Rappleye, Instructor	1,000
J. H. Tanner, Instructor	1,000
W. R. Schoemaker, Instructor	1,000
In General and Applied Chemistry :	
W. B. Newbury, Instructor	1,000
John White, Jr., Assistant	500
W. H. Magee, Assistant	500
In Agricultural and Analytical Chemistry :	
F. D. Smith, Assistant	500
Free Hand Drawing :	
E. C. Cleaves, Associate Professor	1,800
At Sage College :	
Mrs. Ellen K. Hooker, Lady Principal	\$1,200 and home.
Adjourned.	

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, June 14, 1892.

Present.—Trustees, Sage, H. W., Adams, Halliday, Lord, White, Williams.

Moved and carried, that Mr. Irving Browne, be appointed as non-resident lecturer in the Law School for 1892-3.

On motion, Arthur Gordon Laird, Ph.D., was appointed Instructor in Greek and Latin for Academic year 1892-3 at a salary of \$1,000.

The following was presented :

SYRACUSE, N. Y., June 6. 1892.

To the Trustees Cornell University, Ithaca, N. Y

GENTLEMEN :

I have the honor to propose the following as the conditions on which the Frank William Padgham Free Scholarship in Sibley College, Cornell University, is to be founded by me, in memory of my son, if satisfactory to your Board.

(1.) The Trustees will authorize the foundation of a free scholarship in Sibley College of Cornell University, to be denominated either,

THE FRANK WILLIAM PADGHAM SCHOLARSHIP, OR

THE FRANK WILLIAM PADGHAM FREE SCHOLARSHIP.

(2.) This scholarship to be assigned to the best competing candidate for entrance into the regular course of instruction in Sibley College, Cornell University, who shall have had preparatory education, in whole or in part, in the Public Schools of Syracuse, N. Y., or should there be no candidate for entrance to the Sibley College at any time when the scholarship may be vacant, any student who shall have previously entered from Syracuse, and qualified as above, shall on application to and in the discretion of the Faculty be eligible to the scholarship for the completion of his course.

(3.) Should no applicant appear thus educated, the competition shall be open, under the customary rules, as prescribed by the Fac-

ulty, to any students from the State of New York, approved by the Faculty as eligible.

(4.) The holder of this scholarship, if from Syracuse, as above, shall hold the scholarship, subject to the customary restrictions and requirements of the Faculty as respects conduct and good scholarship in his course, throughout the whole period of the course, should he so desire. A substitute, taking it as above provided, shall hold it for one year. Should the vacancy take place after the beginning of any year, it may be filled, under the above rules, at the beginning of the next succeeding term, and for the remainder of the year.

(5.) The holder of the Frank William Padgham Free Scholarship will pursue the regular course in mechanical engineering in Sibley College, and will be excused from the payment of tuition or any other of the regular fees ordinarily demanded of students in that course.

(6.) In other respects than those above prescribed, the regulations affecting scholarships generally, as now or hereafter framed by the Faculty of the College, shall apply to this case.

(7.) The Superintendent of Public Schools and the Principal of the Syracuse High School to be notified of any vacancy.

On receipt of your notice of formal acceptance of the above, I have authorized the Director of Sibley College to hand to the Treasurer of the University my cheque for the sum of \$3,000, as the assumed money equivalent of this privilege.

Very respectfully yours,

AMOS PADGHAM.

Moved and carried, that the gift of Mr. Amos Padgham be gratefully accepted upon the terms and conditions set forth in the foregoing letter.

A communication from Director Roberts recommending the charging of a fee of \$5.00 per term to agricultural students, on motion, laid on the table till next meeting of Executive Committee.

Moved and carried that this committee recommend to the Board of Trustees the advancement of Assistant Professor Ryan to an Associate Professorship of Electrical Engineering with a salary of \$2,500 per annum.

A communication from Professor Bailey in regard to water pipe to Horticultural Gardens was, on motion, referred to the Committee on Grounds with a view to establishing some uniform distribution of water.

Application of Sigma Chi Society for a building lot was, on motion, laid over one week.

Moved and carried, that the purchasing of furniture for Law School Building be referred to Professor Hutchins, the Treasurer and Archi-

tect Miller with power, and that \$5,205, or so much thereof as may be necessary, be appropriated for that purpose.

Moved and carried, that upon the filing with the Treasurer by Professor Prentiss of the original plans of his house upon the campus as heretofore approved by this committee, that he be granted permission to make additions thereto, it being understood and agreed that the cost of such additions shall not be taken into consideration when the property is appraised under the provisions of his lease.

Moved and carried, that hereafter the college or academic year shall close with Commencement day.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 15th, 1892.

Present—Trustees Cornell, Adams, Flower, Bush, Potter, Synnott, Sage, H. W., Halliday, Salmon, Barnes, Lord, White, Kerr, Williams, Treman, and Turner.

A letter from Trustee Sibley, regretting that a pressing business engagement prevented his meeting with the Board, was read.

Minutes of the meeting of the Board held May 18th, and of the Executive Committee from May 24th to and including June 14th, were read and on motion approved.

Moved and carried, that the Board proceed to the election of a professor to fill the vacancy in the Department of History, the exact title to be determined after further consideration.

Upon ballot duly had, Professor George L. Burr was unanimously elected Professor of History, as above, at a salary of \$3,000 per annum, including the salary of the Librarianship of the White Historical Library, as provided in the resolution of May 3d, 1892.

Moved and carried, that the Board proceed to ballot for an Associate Professor of Electrical Engineering.

Upon ballot duly had, Harris J. Ryan was unanimously elected Associate Professor of Electrical Engineering, at a salary of \$2,500 per annum.

President Adams presented his Annual Report for 1891-2, which was read und placed on file.

Moved and carried, that the Board proceed to the election of two Trustees in place of Henry W. Sage and Samuel D. Halliday, whose terms have expired.

Upon ballot duly had, Henry W. Sage and Samuel D. Halliday were unanimously elected Trustees for a term of five years.

On motion, Hon. Henry W. Sage was re-elected Chairman of the Board.

The certificate of the election by the Associate Alumni of Geo. B. Turner as a Trustee of the University for a term of five years, was presented and placed on file.

The report of the Executive Committee on the readjustment of salaries was read, and on motion consideration of same was postponed until the meeting of the Board on Friday.

On motion, the Board took a recess until 2 p. m. for the purpose of attending the ceremonies of the unveiling of the bust of Hiram Sibley, and the memorial tablet to Mrs. Ezra Cornell.

Re-assembled at 2 p. m.

A list of degrees recommended by the General Faculty and the Faculty of the School of Law, to be conferred at the Twenty-Fourth Annual Commencement, was presented and on motion approved, and the several degrees conferred as recommended.

The Eighth Regular report of the Director of Sibley College was presented and placed on file.

The following was presented :

ITHACA, N. Y., March 23d, 1892.

President C. K. Adams, Cornell University :

DEAR SIR :—I am requested to accept the Professorship of Geology in Yale College to succeed Professor J. D. Dana. This call from my "Alma Mater," accompanied with a personal invitation from Professor Dana, comes with a force difficult to resist.

At the same time I have great confidence in the future success of Cornell University, and it would give me great pleasure to have a hand in bringing about that success.

But after carefully weighing the attractions on both sides, I have decided to accept the invitation of Yale. I beg you therefore to communicate to the Trustees my resignation of the Professorship of Geology and Paleontology, to take effect at the close of the present academic year.

Please also express to them my cordial good will and deep appreciation of the kindness and encouragement they have always shown me in the conducting of the affairs of the department entrusted to my care.

Respectfully yours,

H. S. WILLIAMS.

Resolved, That in accepting the resignation of Professor H. S. Williams as professor of Geology and Paleontology this Board desires to express to Professor Williams its cordial appreciation of the ability and fidelity with which he has conducted the affairs of his department.

Resolved, That a committee consisting of the President of the University, the Chairman of this Board, and three members to be named by the Chairman be constituted for the purpose of arranging for the appropriate observation of the twenty-fifth anniversary of the organization of the Cornell University, with full authority to invite guests in the name of this Board, and to provide all necessary arrangements for the proper commemoration of the event; and the Executive Committee is hereby authorized to make special appropriation to defray such expenses as may be determined upon by said special committee. Carried.

The Chair appointed as such Committee, Messrs. Cornell, White and Salmon.

Resolved, That the Executive Committee be requested to consider and make such recommendations as they deem wise for an increase of tuition fees of undergraduate students, and also in reference to the establishment of appropriate tuition charges for graduate students. Carried.

The following resolution adopted at a meeting of the class of '72 was presented, viz:—

Resolved, That it is the sense of the class of '72 that as soon as consistent with the welfare of the University, that tuition be reduced to \$45 per year.

On motion the foregoing was referred to the Executive Committee for consideration, with the resolution preceding.

The following was presented:

Mr. W. R. Humphrey, Secretary of the Board of Trustees, of Cornell University:

DEAR SIR:—At a meeting of the University Senate, held May 23, 1892, the following resolutions were adopted, in response to the reference, by the Board of Trustees to the Senate for advice, of the question of establishing a Chair of Cryptogamic Botany and Plant Histology in the University:

Resolved, That in the opinion of this Senate in providing for instruction in Cryptogamic Botany and Plant Histology in Cornell University, the requirements of pure science should be considered of primary importance, and those of applied science, secondary.

Resolved, That in the opinion of this Senate the subjects of Cryptogamic Botany and Plant Histology are so important and difficult, that they can be well taught only by a scholar of thorough training and broad experience, and for these reasons it is desirable that the teacher of these subjects should be a full Professor.

G. C. CALDWELL, Secretary.

From the Minutes.

Moved that there be created in this University a full Professorship of Cryptogamic Botany and Plant Histology.

Yeas and Nays being called the motion was lost by the following vote: Ayes—Salmon, Lord, White, Kerr, Treman, Turner. Nays—Cornell, Adams, Potter, Synnott, Barnes, Sage, H. W.

On motion adjourned until Thursday morning at 9 A. M.

E. L. WILLIAMS, Acting Sec'y.

THURSDAY MORNING, June 16, 1892.

The Board met pursuant to adjournment, and no business being offered, proceeded to the exercises of the Twenty-fourth Annual Commencement.

ITHACA, N. Y., June 17, 1892.

Present—Trustees Cornell, Schurman, Synnott, Salmon, Barnes, Lord, White, Kerr, Williams, Treman, Sage, H. W., Halliday, and Turner.

Minutes of meetings held June 15th and 16th were read, and on motion approved.

A communication from the Associate Alumnae of Cornell University recommending the adoption of a plan for self-government by the young women of Sage College, also a resolution adopted by the New England Association of Cornell University endorsing the plan recommended by the Associate Alumnae, were read and on motion referred to the Committee on Sage College, with power.

Moved and carried, that the Board take up the consideration of the report of the Executive Committee on the re-adjustment of salaries. viz. :

The Executive Committee to whom was referred by resolution of this Board, February 23d, a request "to examine the Schedule of Salaries of Professors, Associate Professors and Assistant Professors, and to readjust the same as the best interests of the University seem to require, recommending such advance as circumstances justify," respectfully report :

That they have examined with care the financial condition of the University with reference to its present wants, and present herewith an exhibit which shows there is an actual deficit for the financial year 1892-3, to meet needful appropriations for salaries, and expenses and current liabilities of \$100,416.58.

For this result we are indebted to general appropriations for the past three years which have been too lavish—and especially for the cost of new buildings and their equipments in excess of our cash in hand, the product of income—but have paid from our capital, pledging for a considerable portion, future income for its future reimbursement. There are still unpaid on these liabilities of our income—including 35,000 of the sum appropriated for the Law Building, \$147,213, and this building will require \$15,000 more to finish and furnish.

Our expenditures for building have been :

For Morse Hall without equipments	\$ 78,429 29
Lincoln Hall	72,603 10
Gymnasium and equipments	36,906 50
Law Building will cost	110,000
Library—furniture and equipments (building paid for by H. W. Sage)	33,938 90

\$331,877 79

Agricultural Hall we resolved to build and its cost completed and equipped will not be less than \$100,000. We have expended nothing on it yet, but our financial statement charges liability for it \$46,000 already reserved, and \$23,453 to be reserved this year, making \$69,453. If we proceed with the building now and devote \$100,000 to that and its equipment, its annual cost will be say five per cent. on \$100,000, \$5,000; annual cost to maintain, \$10,000; making total of \$15,000; or five per cent on a capital of \$300,000 for a building whose construction may be wisely postponed till we have larger ability to complete it. The considerations urged with great force for this expenditure were, that but for agriculture Cornell University would have had no existence, that the leading and most important industry of the state is agriculture, which is the foundation of all prosperity, and therefore the largest duty of Cornell to the state for the gifts of land upon which her existence is based, and to the great agricultural interest of the state, is to give to the department magnificent buildings and endowment for their support.

The force of these arguments cannot be denied, but before admitting unlimited new liability it is well to consider the real value of our gift when received from the state, what we have already done to pay for it, and in our general care of the Agricultural Department how much we have expended and how much we have received.

We received from the State, land scrip for 990,000 acres. The value of this scrip was not more than 60 cents per acre, and it could have been

bought on the market for a few cents less,—but at 60 cents \$594,000. The annual interest on this at five per cent. is \$29,700. For this we agreed to give forever free tuition, without charge for incidentals, to 512 students annually. The value of this for each student is \$100, or a total of \$51,200, a sum which much more than pays the full value of our gift from the state. Besides this we have educated, without charge, all agricultural students, and have expended upon the allied departments of Agriculture, Horticulture, Botany, Entomology, and Veterinary, including professors salaries, in 1882, \$22,293; 1883, \$31,470; 1884, \$29,060; 1885, \$30,000; 1886, \$28,428; 1887, \$29,978; 1888, \$40,913; 1889, \$47,392; 1890, \$49,850; 1891, \$58,252. These payments include expenditures from funds received from the state and the general government.

The annual average for ten years to and including 1891, being \$36,803.50, and for three years last past, \$51,831. Every department of Agriculture is and has been as well housed and provided for as other departments. The Director's rooms in Morrill Hall, Botany at Sage College, and Conservatory, Entomology at White Hall, and the Insect House on the hill, Chemistry at Morse Hall, Horticulture on the grounds, and all have abundant use of lecture rooms when needed. In short, there has been liberal treatment of every part. Our income from it has been nothing except the surplus value of farm products and stock over the cost of labor, and without charge for the valuable land devoted wholly to the department, or wages of professors and teachers. The farmers of the state have taken so little interest in the provisions made for them, that we have not for the past twenty-four years averaged, of undergraduates, more than twenty-four students annually, and our graduates, with degrees, from the department have been only 70 for the entire period:—'68-9, '70, '71, none; '72, 2; '73, 2; '74, 1; '75, 1; '76, 2; '77, 1; '78, 0; '79, 3; '80, 8; '81, 4; '82-3-4, 6; '85, 1; '86, 0; '87, 7; '88, 6; '89, 7; '90, 11; '91, 8. The simple truth is, that the expenditure for this work has been wholly out of proportion to the benefits which the farmers of the state have been willing to receive. In view of all this, it is evident that we have paid the state liberally for its gift of land scrip and have done our whole duty to agriculture and as much as, in justice to other departments, we should do. Your committee therefore respectfully urge that the expenditure for new buildings which are not especially needed, and their support, be postponed for the present, and the sums already set apart for that purpose be restored to the general fund to pay our debts and provide for needful appropriations for other purposes.

Should this action be deemed wise, we can deal in this way with our deficit of \$100,416 58

I. Restore from the Building Fund, and liability for it, 69,453 00

This will reduce deficit to 30,963 58

2. Instead of paying the debt for cash borrowed from Land Fund last October, (the whole sum being with interest to October 6, \$72,198), pay only \$30,963 58, and extend balance for one year. This will balance present deficit, and leave as liability, due Oct. 6, 1892, \$43,296 75, the sum extended and int. at 5 per cent. For this, pledge the income of 1893.

It will be seen from this statement that the present outlook for increase of salaries is not encouraging. Our salaries as they are, are not meager, and but for the recent advent of two new universities whose cash resources are larger than ours, would be in most cases satisfactory.

Our corps of full professors is thirty-five—including the President
Of these :

Seventeen, (17) are paid	\$3,000 00	per year.
Two (2)	3,250 00	“
Two (2)	3,500 00	“
Seven (7)	4,000 00	“
One (1) is paid	4,200 00	“
Two (2) are paid	5,500 00	“
One (1) President is paid	6,750 00	“
One (1) is paid	2,200 00	“
“ “	2,500 00	“
“ “	2,700 00	“
We have eleven Associate Professors whose salaries average	2,245 00	“
Sixteen Assistants, averaging,	1,644 00	“
One Acting,	2,750 00	“

Our tutors and teachers range from \$500 to \$1,400 each. If we had financial ability to increase some of these salaries it would be a wise expenditure and have the hearty approval of your committee, but we cannot do it from our present income and all concerned must patiently wait till we have the power. When that is in hand there can be no doubt of the wisdom of increase in some directions. Just now we have no certain source of increased capital. We have some land yet, but it is doubtful if the income from land sales will more than provide for decrease of income from necessity to loan at $4\frac{1}{2}$ to 5 per cent. where we now get $5\frac{1}{2}$ to 6 on the average. If there is necessity not to be avoided for increase of salaries, our remedy must be through one of two sources. *First*, a direct appropriation of our capital to an amount, the income from which shall produce the desired sum in gross—or, *Second*. The reduction of our force of professors, assistants and teachers, so that the present sums paid to all shall accomplish the desired increase to those who remain. The wisdom of either course may be doubtful. The first would sap our very foundation, and lead finally to unbearable poverty. The second would decrease our power and vitality as an educational institution, while it fed our teachers better and starved our students. We have had ten

years of unparalleled prosperity. Within that time and mostly within eight years we have received into our treasury in interest producing funds more than four million dollars, from land sales alone, and considerably more than a million from gifts which have been expended mostly for buildings and endowments. The Library and its endowment, Barnes Hall, the Department of Ethics and Philosophy, Sibley buildings, additions and endowments. Besides these the White Library and \$20,000 to \$25,000 in machinery and equipments. The sum total, including the Fayerweather bequest, more than twelve hundred thousand. We have acquired the habit because in nearly all these years each succeeding year has shown excess over conservative estimate, of believing that our future was not to be limited by lack of capital, and unwarranted extravagance in appropriations and increase of expenses has been the result. If we recognize the fact *now* that the maximum of our capital from known sources has been reached, and that we cannot maintain our present bases of expenses without the most rigid economy and stern adherence to the rule of living within our means, we shall act wisely. We cannot increase salaries or expenses in any direction without first acquiring the power by a wise use of that we have, and saving the means. We should sternly cut off every useless expense, and cheerfully do without that we lack the power easily to have. On this basis of action we can maintain liberally the departments we have, and wait for increase till we prove worthy of gifts from somebody to establish them. The continued practice of spending more than our income, and pledging future income (which we may never have in excess of needful expenses) will not create confidence in our wisdom or ability as financial managers, will not excite the faith necessary to command gifts from wise men. The only way to do that is to exhibit wisdom and prudence in the administration of that we have.

The discussion of increase of salaries (which is the largest item of our expenses) has made necessary this general exhibition of our financial condition and power. The conclusion must be evident that we cannot at present increase expenses at any point, and that there is real necessity for economy strictly applied at all points more than we have known since 1882. To postpone the Agricultural Building for the present is a necessity, and to extend the payment to our land fund of a portion of that borrowed last year the only thing we can do, for we cannot pay it and meet our needful cash expenses.

We therefore recommend this disposition of these two items as heretofore suggested on page 6 of this report. That done we shall start upon the new year without debt beyond \$38,329, and can meet next year's expenses upon the basis of last year's, and as we shall have less to pay on buildings may possibly pay this debt. We cannot hope to do more during the fiscal year '92-3.

The following resolutions if adopted will carry out the principal recommendations of this report :

Resolved, That the building of Agricultural Hall be postponed for the present, and until our financial resources are sufficient to build it without embarrassment to other departments and more pressing needs—and that the sums heretofore set aside for it, \$69,453 be temporarily restored to the General Fund.

AND WHEREAS, We borrowed, Oct. 6, 1891, from the Land fund \$68,760, pledging therefor the income of '91-2 for its payment in one year with interest at 5 per cent., making a total of \$72,198 due Oct. 6, 1892,

Resolved, That we pay of that sum from this year's income but \$30,963, and extend for one year with interest at 5 per cent. the sum we are unable to pay—\$41,235—pledging for this sum and interest the income of '92-3. This sum with interest due Oct. 6, 1893, will be \$43,296.75.

H. W. SAGE, Chairman.

Moved and carried, that the report be amended by striking out the first resolution.

On motion the report as amended was adopted.

Moved and carried, that the question of exact title of the Professor of History elected at the meeting on the 15th inst, be referred to the President and ex-President White, with power.

Moved and carried, that President Schurman be appointed upon the special Committees of this Board in place of ex-President Adams.

Moved and carried that a special committee of five, of which the Chairman shall be a member, be appointed to consider, and if possible to promote, the establishment of a well-rounded school of Veterinary Science in this University.

The Chair appointed as such Committee, President Schurman, ex-President White, Cornell and Halliday.

Moved and carried, that the Treasurer be authorized to discount the salary voted to Dr. Adams for next year, if so desired by Dr. Adams.

The following was presented :

CORNELL UNIVERSITY, June 17, 1892.

Mr. W. R. Humphrey, Secretary of the Board of Trustees :

DEAR SIR :—At a meeting of the University Senate held this morning, the President of the University presented the nomination of Professor Charles E. Bennett, of Brown University, for the Professorship of the Latin Language and Literature in this University.

The Senate after due consideration approved this nomination, by a unanimous vote, taken by ballot.

Yours respectfully,

G. C. CALDWELL, Secretary.

Moved and carried that the Board proceed to the election of a Professor of the Latin Language and Literature.

Upon ballot duly had, Charles E. Bennett was unanimously elected Professor of the Latin Language and Literature, at a salary of \$3,000 per annum.

Moved and carried, that Professor Bennett be allowed the sum of \$200 for expenses in moving to Ithaca.

The following was presented :

Ithaca, N. Y., June 17th, 1892.

To Mr. E. L. Williams, Sec'y etc.

MY DEAR SIR :—At a meeting of the General Faculty held this morning the President nominated as Dean of the General Faculty Professor Horatio S. White, and the same was confirmed by the Faculty.

Respectfully yours,

GEO. P. BRISTOL, Sec'y.

Moved and carried, that Horatio S. White be appointed Dean of the General Faculty at a salary of \$1,000. per annum.

A communication from Dr. Wheeler asking the appointment of an additional Instructor was on motion referred to the President to report recommendation to the Executive Committee at its next meeting.

Moved and carried, that the subject of arranging for the work in the department of Geology for next year be referred to the Executive Committee with power to call a full professor of Geology, if by a two-thirds vote of the Executive Committee the case be decided to be urgent.

Upon the recommendation of the President, Instructor J. E. Creighton was unanimously elected by ballot Associate Professor of Modern Philosophy at a salary of \$2,000 per annum.

Moved and carried, that the vacancy in the School of Philosophy caused by the resignation of Dr. Angell be referred to the Executive Committee with power to call an Associate Professor in the same manner as in the case of the Professor of Geology.

On motion adjourned.

E. L. WILLIAMS, Act'g Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 21, 1892.

Present—Trustees Sage, H. W., Schurman, Cornell, Synnot, White, Williams, Treman, and Lord.

Communications from Professors Wheeler and Bennett asking for the appointment of an Instructor in Latin for next year were read.

On motion \$750 was appropriated for the employment of an Instructor in Latin for the year 1892-3.

A communication from Dr. Nichols in regard to the needs of the Department of Physics for the coming year was read.

On motion Mr. H. J. Hotchkiss was advanced to an Instructorship in Physics for the year 1892-3 at a salary of \$750.

On motion Mr. F. J. Rogers was advanced to an Instructorship in Physics for the year 1892-3 at a salary of \$750.

On motion Mr. E. F. Nichols was appointed Assistant in Physics for the year 1892-3 at a salary of \$500.

The question of authorizing two additional assistants in Physics for next year, was on motion referred to the President, with power.

A communication from Professor Moses Coit Tyler in regard to establishing a fellowship was read.

Moved and carried, that a special fellowship in the Department of American History be created at a compensation of \$400 per annum.

Moved and carried, that Mr. Ernest Albee be appointed Instructor in Philosophy for the year 1892-3 to succeed Dr. Willcox, transferred to the Department of Political Economy, at a salary of \$1,000 per annum.

A communication from Dr. G. C. Caldwell in regard to the needs of the Department of Agricultural and Analytical Chemistry for the next year was read.

On motion the salary of Instructor E. M. Chamot was increased to \$1,000 for next year.

Moved and carried, that two additional Assistants in Agricultural and Analytical Chemistry be authorized for the year 1892-3, with salaries of \$400 per annum each, with the understanding that they shall devote four and one-half hours per day each to the duties of the department.

Moved and carried, that Assistant F. D. Smith, recently appointed in the Department of Agricultural and Analytical Chemistry at a salary of \$500, with the understanding that he devote six hours per day to the work of the department, be appointed anew at a salary of \$400 per annum, with the understanding that he shall devote four and one-half hours per day to the work of the department.

Moved and carried, that Assistant Professor L. M. Dennis be advanced to an Assistant Professorship of the highest grade, with a salary of \$1,800 per annum, to date from the beginning of the next collegiate year.

A communication from Professor Babcock asking the advancement of Assistant Professor Osborne to an Associate Professorship, and calling attention to the several needs of the Architectural Department for next year, was on motion laid over one week.

Resolved, That Miss Alice B. Carman be appointed President's stenographer at a salary of \$50 per month, with the privilege of a holiday of not less than two weeks, it being understood that when her services are not required by the President she shall aid in the work of the offices of the Dean and Registrar. This appointment to take effect immediately. Carried.

Resolved, That the President be authorized to employ a messenger at a salary not exceeding that appropriated June 17th, 1891. Carried.

Resolved, That the President be requested to convey to Mr. Amos Padgham of Syracuse, the thanks of the Board of Trustees for the Scholarship which he has founded. Carried.

Moved and carried, that the Building Committee be empowered to allow ex-President White to make additions to the crypt of the Memorial Chapel, in accordance with plans made by Professor Babcock.

Moved and carried, that the following appropriations for the fiscal year 1892-3 be made in accordance with the recommendation of the Agricultural Experiment Station Council, viz :—

For the salary of Director,	\$1,500 00
“ “ Dep. Director and Sec’y, . .	2,000 00
“ “ Professor of Horticulture, . .	2,000 00
“ “ Assistant in Agriculture, . .	1,000 00
“ “ “ Entomology, . .	1,000 00
“ “ “ Horticulture, . .	750 00
“ “ “ Chemistry,	800 00
	<hr/>
	\$9,050 00

Brought forward,		\$9,050 00
For printing and office expenses,	2,500 00	
For current expenses, Division of Agriculture,	500 00	
“ “ “ “ Horticult’ e,	800 00	
“ “ “ “ Entomol’y,	250 00	
“ “ “ “ Chemistry,	150 00	
A reserve for contingencies,	1,750 00	
		<u>\$5,950 00</u>
		\$15,000 00

Moved and carried, that \$50 be added to the appropriation for the Law School Prize.

Moved and carried, that \$400 be appropriated for the memorial tablet to Mrs. Ezra Cornell.

Moved and carried, that this Committee approve of the assignment by Professor W. G. Hale of the lease to his lot upon the campus, and the conveyance of the house upon said lot to Professor Chas. E. Hughes, such assignment and conveyance to be subject to the mortgage held by the University.

Moved and carried, that the Sigma Chi Fraternity be leased a lot at the southeast corner of South and West Avenues, 150 ft. on South Avenue, by 125 ft. on West Avenue, upon the customary form of lease to societies.

On motion adjourned.

E. L. WILLIAMS, Sec’y.

ITHACA, N. Y., June 28, 1892.

Present—Trustees Sage, H. W., Schurman, Cornell, Treman, Williams Lord, and White.

Minutes of meeting held June 21st were read and on motion approved.

Moved and carried, that President Schurman be placed upon the standing Committees of this Committee in place of ex-President Adams.

Moved and carried, that the question of recommending to the Full Board the advancement of Assistant Professor C. F. Osborne to an Associate Professorship of Architecture at \$2,200 per annum be referred to the President to report.

Moved and carried, that Professor Babcock be authorized to employ an Instructor in Architecture for six months of the year 1892-3, at a salary of \$60 per month.

The question of appropriating \$500 for the purchase of books for the Architectural Library was referred to the President to consult Professor Babcock and report.

Moved and carried, that the salaries of W. H. Wood, Foreman of the Woodworking Shop, and J. W. Granger, Foreman in Forging, and J. E. Vanderhoef, Foreman in the Foundry, be increased to \$1,000 each, to take effect at the beginning of the next fiscal year.

The request of Dr. Thurston for the increase of the salary of Instructor G. B. Preston to \$1,000 to date back to the beginning of the year 1891-2 on the ground that he had been promised an advance of salary to \$1,000 after his first year, was on motion referred to the President to consult Dr. Thurston and report.

Moved and carried that the salary of Instructor I. J. Macomber be fixed at \$1,000.

The remaining requests of Dr. Thurston, viz : that he be granted permission to adjust the number of Laboratory Instructors, should further increase be found necessary, to such total as will not assign to each an average exceeding about thirty-six hours per week exclusive of study ; and for permission to appoint an Assistant in Machine Shop and a Mechanician in Mechanical Laboratory should it become necessary during the interval between meetings of the Executive Committee, were on motion referred to the President for more definite recommendations to this Committee.

Moved and carried, that \$75 be appropriated for cataloguing the Law Library.

Moved and carried, that the Treasurer be authorized to pay Instructor C. W. Scribner for the fraction of a month which he was at work in the Mechanical Laboratory prior to the date of his appointment as Instructor.

On motion adjourned until Thursday at 4 p. m.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., June 30, 1892.

Present—Trustees Sage, H. W., Schurman, Cornell, White, Halliday, Lord, Treman, Synnott, and Williams.

Minutes of meeting held June 28th, were read and approved.

Moved and carried, that the salary of Instructor G. B. Preston be increased to \$1,000, to take effect at the beginning of the next collegiate year.

Moved and carried, that the Director of Sibley College be authorized to nominate to the Executive Committee two additional Instructors in the Mechanical Laboratory, and four Assistants, viz., one each for the Wood Shop, Blacksmith Shop, Foundry and Machine Shop.

Moved and carried, that the policy to be observed in regard to admission of students into the technical courses, and especially into the courses of Sibley College, be referred to the President to examine and report to this Board as to the desirability of cutting down the number of students by raising the requirements for admission.

Moved and carried, that Director Thurston be authorized to nominate to this Committee a Mechanician for the Department of Experimental Mechanics, at a salary not exceeding \$75 per month.

Moved and carried, that the Treasurer be requested to examine and report regarding the manufacture of models and apparatus at the University for outside parties; how far it has been carried; at what cost to the University, and what sums have been received therefor.

Moved and carried, that this Committee recommend to the Full Board the advancement of Assistant Professor Osborne to an Associate Professorship of Architecture, at a salary of \$2,200 per annum.

Moved and carried, that \$60, or so much thereof as may be necessary, be appropriated to pay the expenses of three delegates to the convocation of the Board of Regents.

Moved and carried, that the Chair be requested to nominate three members of the Committee on "Plans of Campus and Buildings." Carried.

The Chair nominated Ex-President White, Cornell and Treman, who were duly elected, members of said Committee.

Resolved, That Professor George P. Bristol be appointed Registrar at a salary of \$600 per annum. Carried.

Resolved, That Mr. Charles S. Fowler be appointed President's Private Secretary and Assistant Registrar; the services of the same to begin Sept. 1st, and extend through eleven months, for four hours a day, at a salary of \$400 per annum. Carried.

Resolved, That Mr. David F. Hoy be appointed Assistant Registrar; the services of the same to begin August 1st and continue eleven months, for four hours a day, at a salary of \$400 per annum. Carried.

Moved and carried, that \$75 be appropriated for the purchase of books for the Latin Seminary.

A communication from Dr. Wheeler in regard to printing certain theses as a continuation of the series of "classical studies" was on motion referred to the President and the Chairman to adjust in such manner as they may deem wise.

Moved and carried, that \$500 be appropriated for the purchase of books for the Seminary Room of the Sage School of Philosophy.

Moved and carried, that Mr. P. L. Saurel be appointed Instructor in Mathematics for the year 1892-3 at a salary of \$750.

Moved and carried, that the President be empowered to fix, if necessary, the salary of Instructor Saurel at \$1,000.

Moved and carried, that a letter from Dr. S. B. Newbury informing the President of his intention to resign at an early date be accepted and placed on file, and that the President be requested to take such steps and to make such recommendations as he may deem wise for the filling of the contemplated vacancy.

A communication from Dr. Wheeler asking reimbursement for certain expenditures upon the Williams cottage was on motion referred to the Treasurer to report.

Moved and carried, that the plans for a cottage to be erected by Professor G. P. Bristol be approved as submitted.

Moved and carried, that the Treasurer be authorized to loan Professor Bristol \$3,000 in the usual manner, as work proceeds upon his cottage.

Moved and carried, that this committee consent to the assignment by Professor Laughlin of his lease to Dr. B. I. Wheeler; such assignment to be subject to the University's mortgage.

Moved and carried, that the Treasurer be directed to inform the owner of the bridge across Fall Creek at Triphammer Falls that said bridge is in a dangerous condition, and to request said owner to make it safe or to remove same.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., July 12, 1892.

Present—Trustees Schurman, Synott, Sage, Wm. H., Halliday, Williams, Lord, and Tremen.

On motion, Mr. Synnott was called to the chair.

Minutes of meeting held June 30th were read and on motion approved.

Resolved, That Mr. G. F. Atkinson, now full Professor in the Agricultural and Mechanical College, Auburn, Ala., be appointed Assistant Professor of Cryptogamic Botany for one year at a salary of \$1,800, plus \$400 for moving expenses, it being agreed that in case of mutual satisfaction, Professor Atkinson shall at the expiration of the year be recommended to the Board of Trustees for promotion as Associate Professor at a salary of not less than \$2,200. Carried.

Moved and carried, that the salary of Mr. Alex. McGillivray be increased to \$750.

Moved and carried, that Mr. Arthur S. Eakle be advanced to an Instructorship in Geology for the next academic year at a salary of \$750.

Moved and carried, that the salary of Mr. Fred C. Fowler, Mechanician in the Physical Department be increased to \$1,000, with the understanding that his services extend through twelve months of the year, and not less than eight hours per day.

Moved and carried, that the question of removing gas generators from Franklin Hall to the Annex, be recommitted to the Committee on Applied Science to report.

Moved and carried, that the matter of filling the vacancy in the Military Department, caused by the expiration of the term of Captain Tutherly, be referred to the President to take such action as he may deem wise.

Moved and carried that the President be requested to transmit to Mr. J. M. Williams, of Salem, N. Y., a suitable note, expressing the thanks of this Committee for the Geological Library, models, and charts illustrating Crystallography and specimens of minerals, presented to the University by Mr. Williams.

Moved and carried, that the Treasurer be authorized to change the water closets in White and Morrill Halls.

Moved and carried, that the recommendation of the Library Council in favor of purchasing the Dr. Newcomb Conchological Library at \$1,000, exclusive of duplicates, was on motion, accepted and adopted.

The Treasurer, to whom was referred the application of Dr. Wheeler for re-inbursement for certain expenditures in and upon the Williams Cottage, reported adversely upon the items of grading, paving and drainage \$48 00
Awnings 40 00
Clothes-poles 1 00

Total 89 00

And in favor of purchasing from Dr. Wheeler

Storm-sash	\$ 31 00
Gas-fixtures	52 51
Linen-closet	22 91
	<hr/>

Total 106 42

On motion the report was accepted and the recommendations adopted.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

PRIVATE AND CONFIDENTIAL.

Fifty Copies.

No. 22.....

To the Trustees of Cornell University :

GENTLEMEN :

Some three months ago I was informed by a physician of high standing that he had reason to believe that the time had come when a union could be formed between CORNELL UNIVERSITY and the BELLEVUE HOSPITAL MEDICAL COLLEGE of New York, and that such a union would be advantageous to both institutions and to the cause of medical education.

This information seemed to me too important not to receive serious consideration. Accordingly, on more specific inquiry, I found the authorities of the Medical College quite willing to consider the practicability of a union. In order that the condition of the University on the one hand, and the condition of the College on the other, might be fully understood, it seemed best that I should meet the authorities of the College for an informal conference on the subject. To this end I went to New York and spent an afternoon and evening with Dr. Lusk, the President, and Dr. Flint, the Secretary and Treasurer. During this time I made myself as familiar as possible with the history and condition of the institution.

As representing the University in an unofficial way at this informal conference, I presented my own views substantially as follows :

1. The University is not in a condition at the present time to assume any new financial burdens or obligations. Any proposition asking for financial assistance, therefore, is not likely to be favorably entertained by the Trustees.

2. So far as I know, the University does not desire to add to the number of medical colleges now in existence ; nor does it desire to form any connection with any existing college, unless by so doing it can, sooner or later, be of substantial benefit to the cause of medical education.

3. The University already has facilities for teaching thoroughly several of the branches now taught in every medical college. If it should seem practicable to form a union with some medical college of reputation in such a way that the preliminary work could be done at the University, and the more strictly professional and clinical work done in connection with a large city hospital, the arrangement

would seem to have advantages that might commend themselves to the favorable consideration of the Trustees of the University.

4. In case some such organization should be found practicable, the Trustees of the University could probably provide for an administrative responsibility through a committee of Trustees residing in or near New York city.

On the part of the Medical College the representations were substantially as follows :

1. The School is prosperous and does not ask for financial assistance. After meeting all its current expenses, including the payment of special professors, lecturers and instructors, the treasury last year had between thirty-five and thirty-six thousand dollars to divide as the salaries of the seven professors. The number of students is annually between five hundred and six hundred.

2. The principal building of the College is on the Bellevue Hospital grounds and was built by the city for the use of the College. The College pays no rent, but is obliged to keep the building in repair. As compensation for the use of the building the College assumes certain administrative duties in connection with the Hospital. These duties are beneficial alike to the Hospital and to the College. The city morgue is also in charge of the Medical College. The Hospital the day I was there contained 687 patients. These afford opportunities unequalled elsewhere in the city for study and observation on the part of students.

3. It is believed by the authorities of the College, that the privileges now granted by the Hospital can be renewed from time to time, as may be desired. The Hospital is under the control of the Health Commissioners of the city. The lease of the College building has been granted for periods of ten years, and has always been renewed without opposition. The present contract has seven years to run, and it is believed, can be renewed at will.

4. The Carnegie Laboratory was the gift of Andrew Carnegie, and has been supported by him at an expense of about five thousand dollars a year. According to the terms of his gift, this support is to diminish at the rate of (\$1,000) one thousand dollars a year; and when the last one thousand dollars has thus been paid, the donor is to pay the debt of twenty-six thousand now upon the building. The Carnegie Laboratory does not stand on the grounds of the Hospital, but is owned in fee by the College.

5. The members of the Faculty are the proprietors of the Medical College, the Trustees taking very little part in its affairs, other than the conferring of degrees.

6. In case a consolidation should be agreed upon, an act of the

legislature would be required to authorize the action. This would doubtless be granted as readily as was done in the case of similar action by Columbia College and the College of Physicians and Surgeons.

7. The hospital and clinical opportunities afforded by the College, are believed to be unequalled in this country. The Medical Faculty, in ability and reputation, is probably unsurpassed. The College has unquestionably made for itself an honorable name in this country and in Europe. The professors believe, however, that an organic connection with a prominent university, would be in every way advantageous both to the College and to the University.

At the conference, when these views were informally presented, it was suggested that a formal plan of consolidation be drawn up for the consideration of the authorities of the Medical College on the one hand, and of the University on the other. This was done; and after various suggestions and modifications, the following scheme was unanimously adopted by the Faculty of the College, at a meeting held for the purpose of considering the subject, February 1, 1892. It is put into print for the private use of Trustees of the University before the meeting to be held on the 23d of the current month.

C. K. ADAMS, President.

Cornell University, Feb. 5, 1892.

Proposals to be considered as the basis of union between the Bellevue Hospital Medical College of the City of New York and Cornell University.

1. The official name of the Bellevue Hospital Medical College, to be used hereafter on all diplomas, shall be

THE BELLEVUE HOSPITAL MEDICAL COLLEGE OF CORNELL UNIVERSITY.

For convenience of announcement, the name may be

CORNELL UNIVERSITY—SCHOOL OF MEDICINE.

BELLEVUE HOSPITAL MEDICAL COLLEGE.

Following this may be such statements as may be necessary to describe its locality.

2. The title of all property and franchises now held by the College shall pass to Cornell University, with the provision that they shall be administered, as hereinafter provided, solely for the benefit of the College.

Memorandum : In the last report of the College to the Regents of the University, the property was scheduled as follows :

Carnegie Laboratory, Lot and Building cost	\$80,000
(And is subject to a mortgage of \$26,000.)	
Furniture	3,000
Apparatus	8,000
Museum	7,000
	<hr/>
Total College Property	\$98,000
Mortgage	26,000
	<hr/>
Net Property	\$72,000

3. (A). The Trustees of Cornell University shall become the Trustees of the Bellevue Hospital Medical College. The Medical College thus becoming allied with the other departments of Cornell University, shall pass under the general supervision of the Trustees of the University; but with the express provision that before the year 1900, no action touching the organization or general characteristics of the College shall be taken by the Trustees save on the recommendation of the Medical Faculty.

(B). If, however, at any time before the year 1900, the Trustees of Cornell University, either through their own general treasury, or through funds provided for this purpose in any other way, should find themselves in a financial condition to assume the responsibility of paying the salaries of members of the faculty and other officers of instruction of the Medical College, then, on assuming such responsibility, they may, with the approval of a majority of the Faculty, exercise the right to extend the length of the term and increase the requirements for admission and graduation, provided the salaries so fixed be not less than the average salaries received by the professors respectively during the three years next preceding the assumption of such obligation.

(C). It is agreed that for the purpose of a more intimate acquaintance with the Medical College on the part of the Trustees of Cornell University, the Board of Trustees shall appoint a Committee on the Medical College, which shall consist of five or more Trustees residing in the City of New York or as near thereto as may be practicable.

This Committee shall be authorized to act in the name of the Trustees on all matters of immediate or pressing importance; but in matters pertaining to the general policy of the school, the function of the Committee shall be limited to making recommendations to the Board of Trustees, whose approval shall be necessary for final authorization.

4. It is understood that before the year 1900, unless on the recommendation of three fourths of the members of the Medical Faculty, no change will be made in the present financial methods of conducting the College. On the one hand, the College is to use its own funds, *i. e.*, the fees of students, gifts to the College, etc., for the purpose of meeting expenses, paying salaries, and making necessary repairs and improvements; while, on the other hand, the University is not to be called upon for financial assistance or support. The Trustees, however, will devote to the College exclusively any funds that may be given to the University for that purpose.

5. So long as the present plan of organization is continued, the Medical Faculty shall consist of the Professor of Practice of Medicine, the Professors of Surgery, the Professor of Obstetrics, &c., the Professor of Materia Medica and Therapeutics, the Professor of Physiology, the Professor of Anatomy, and the Professor of Chemistry; all such Professors being actively engaged in teaching in the College. The Professors Emeritus, not actively engaged in the College, Clinical Professors, and Professors of Special Departments shall not be members of the Faculty.

6. The appointment of Professors shall be made by the Trustees of the University; but no appointment shall be made save on a nomination by the Faculty of the Medical College. In case of the death, resignation, or removal of any member of the Faculty, the Faculty shall recommend the filling of vacancies in the following manner:

(A). At all meetings to fill vacancies, a majority of the Faculty must be present, and at least four of the seven departments be represented. A negative vote of three members of the Faculty shall reject a candidate.

(B). No candidate shall be balloted for unless his name has been presented to the Faculty at least ten days before the election.

(C). In appointments to fill vacancies in the Faculty, appointment shall first be made for one year only. After the Professor thus appointed shall have delivered one regular course of lectures, he may be recommended to the Trustees of the University for permanent appointment, by vote of the other members of the Faculty, the vote to be taken under the conditions stated in (A) and (B), or he may be authorized by the Faculty to continue to act as Professor, until such time as the Faculty may see fit to recommend him to the Trustees for permanent appointment.

(D). The President of Cornell University shall be, *ex officio*, a member of the Faculty, and, whenever present, shall be its presiding officer, shall have a right to participate in all its proceedings, and have a vote therein, including nominations for vacancies; but such nominations shall be considered in the same way as nominations made by other members of the Medical Faculty.

(E). The Secretary of the Faculty shall immediately give notice to the President of the University, of any vacancy or vacancies that occur in the Faculty ; and shall also give due notice of all meetings to fill such vacancy or vacancies.

7. Since a certain harmony of action is not only highly important but necessary to the well-being of the College, the Faculty may recommend to the Trustees of the University that the chair of any Professor be declared vacant, by a vote of the other members of the Faculty. For this purpose it shall be necessary that a majority of the Faculty be present, and at least four of the seven departments represented, when the Professor may be removed by a vote, taken by ballot, of all but two of those present at the meeting, notice having been served by the Secretary upon said Professor, of the time and purpose of such meeting, at least one month previously.

(A). The Secretary of the Faculty shall duly notify the President of the University of any and every meeting called for the purpose of recommending the removal of a Professor.

(B). Members of the Faculty who may be prevented by circumstances entirely beyond their control from attending any meeting for the nomination or removal of a Professor, may send in their votes in writing ; which votes shall be received by the Faculty, upon the assurance of the members thus voting, that they are unable to attend the meeting.

(C). The Faculty shall have the right to appoint and dismiss all subordinate instructors and employees of the College ; and the compensation or salaries of such persons shall be fixed by the Faculty, so long as the said Faculty conducts the financial business of the College. The Faculty shall also have the right to exclude from the College any person or persons whose presence as students would be prejudicial to good order and discipline.

9. No teaching in medicine that is [sectarian shall be given in the College or recognized by the College.

10. It is understood that women shall not be admitted as students in the College.

11. Until the Trustees of the University assume the financial responsibility of the College, the business of the College shall be conducted by the Faculty, who shall collect all fees from students and make all disbursements for expenses, etc. The Faculty shall make at its Annual Meeting of each year, a full report to the Trustees, of the finances of the College, and present an estimate of expenditures for the ensuing year.

Memorandum—The business of the College involves a complicated machinery and many details that can be carried out only at the College. The collection of fees, the examination of diplomas and

credentials from other colleges, the distribution of the class in suitable boarding houses, etc., etc., constitute a part only of the multifarious duties of the executive officer of the College. Whatever may be in the future, the disposition of the surplus of fees received, the expenditures in the direction of facilities for efficient instruction should be made on a liberal scale; and the same may be said of proper measures to bring the College prominently to the notice of the profession.

12. It is mutually understood that the requirements for admission, the length of term of study, and the conditions of graduation are to be advanced as rapidly as is consistent with the welfare of the College; but no advance beyond the requirements of the laws of the State or the standard of the Medical Colleges of New York City, Brooklyn, Philadelphia, and Boston, colleges directly in competition, shall be made before the year 1900, save with the consent of the Faculty. After the year 1900, no change in the requirements or general policy of the College shall be made in opposition to a unanimous vote of the Faculty, all members being present and voting, or sending in their votes in writing.

13. The Faculty recommend the establishment, as soon as practicable, and the public announcement of an optional four years' course, the first year to be taken at the University at Ithaca. It is suggested that this course embrace, first, a thorough study of Inorganic Chemistry, second, the Elements of Natural Philosophy or Physics, third, a thorough course of Osteology and Comparative Anatomy, and fourth, an Elementary Course in Physiology.

14. The Faculty of the College shall have the right to elect a Dean, a Secretary and Treasurer, and an Executive Committee, and shall adopt and send to the Trustees for approval a set of By-Laws drawn up in accordance with the conditions of the connection of the College with the University.

15. All resolutions of the Faculty not inconsistent with these conditions, shall remain in force until rescinded by the Faculty.

16. It is understood that the Faculty of the College and the Trustees of the University, are disposed at an early day, to take into favorable consideration the practicability of such an arrangement as will provide for the ultimate establishment of a four years' course in Medicine, the instruction for at least the first year to be given in connection with the University at Ithaca. But that before the year 1900, no such arrangement shall be required, without the approval of the Medical Faculty.

17. As regards the future, in case the Faculty were to receive salaries and become independent of the fees from students, it would be unfortunate if, in this respect, they should be placed in a position

inferior to the members of faculties of other medical colleges in this city, for the reason that the highest emoluments will usually command the best talent, and the teaching corps might be weakened by the loss of valuable instructors; but the actual facilities for teaching leave little to be desired. An expenditure of \$20,000 on our present building would give all the room required for many years, and the situation of the College within the grounds of the Bellevue Hospital is more valuable to students than buildings elsewhere at ten times the cost. Of the eight members of the present Faculty, three remain who were among the founders of the College, and four are alumni of the College. The remaining member of the Faculty was appointed Demonstrator of Anatomy in 1872; Lecturer on Materia Medica and Therapeutics in 1873; Professor of Pathological Anatomy and Histology and Diseases of the Nervous System in 1881, and Professor of Practice of Medicine in 1886, which chair he now holds.

While the Faculty recognizes the honor and advantages of becoming a part of Cornell University, they cannot but feel that they would give to the University a College of which it may well be proud, the result of thirty years of labor without assistance or endowment, which is self-sustaining and has a most honorable position, not to say renown, at home and abroad. The College is not in need of financial assistance or support, and the Faculty is willing to leave for the future all arrangements that may involve expenditure of money by the University; but in justice to themselves and more than 4,000 alumni, they feel that they should carefully guard against any possibility of changing the general policy of the College as pre-eminently a school where men are taught to practice medicine. The practical character of the College has been the most important factor in its success.

Unanimously adopted by the Faculty of the Bellevue Hospital Medical College, at their meeting, Feb. 1, 1892.

WILLIAM L. LUSK, M.D., President.

AUSTIN FLINT, M.D., Secretary.

7

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 26, 1882.

Present—Trustees Schurman, Cornell, Synnott, Sage, W. H., Williams, Lord Halliday, Treman.

On motion Mr. Synnott was called to the Chair, and Mr. Treman to act as secretary.

On motion, *Resolved*, That Gaylord De Forest Hulett, Cornell '90, be and hereby is appointed Assistant in Physics at a salary of \$500 per year to fill vacancy caused by the resignation of Mr. N. H. Genung. Carried.

A communication from Professor C. E. Bennett relative to the residence of Professor H. S. Williams was read and ordered placed on file.

On motion, *Resolved*, That E. B. Titchener be and is hereby appointed Assistant Professor of Psychology for the term of three years beginning with the current year 1892-1893 at a salary of \$1,400 per year. Carried.

On motion, *Resolved*, That an incidental fee of \$5.00 per term to cover cost of materials used be exacted of all students in agriculture except those in the first two years of the regular course. Carried.

On motion, *Resolved*, That the question of providing a new edition of the laws and documents relating to Cornell University be referred to the chairman of the Board and Trustees Cornell and Halliday with power. Carried.

On motion, *Resolved*, That Mr. H. H. Lannigan be and hereby is appointed instructor in Gymnastics for one year at a salary of \$1,000. Carried.

On motion, *Resolved*, That the question of the salary of Mr. James Edward Rice be laid over until the next meeting of the Executive Committee. Carried.

The following was presented :

The fixing of the exact title of Professor Burr's chair having been referred by the Board of Trustees at their meeting on June 17th to a Committee consisting of the President and ex-President White, with power, the Committee respectfully reports that the title of Professor Burr be that of Professor of Ancient and Mediæval History, in accordance with the recommendations of the University Senate to this Board under date May 21st.

Moved and carried, that the foregoing report be accepted and adopted.

On motion, *Resolved*, That the request of Professor Horatio S. White for shelving in the French and German seminary room be granted and that the work be done under the direction of the treasurer. Carried.

On motion, the following was presented and laid on the table :

Resolved, That the Statutes of the University and Minutes of the proceedings of the Board of Trustees and the report of the treasurer of the University be regarded as confidential publications.

On motion, *Resolved*, That the articles presented to the University by Mr. J. M. Williams, father of the late Professor J. Francis Williams, be, so far as possible, appropriately labeled under the direction of the treasurer. Carried.

On motion, *Resolved*, That the use of the Library Building be granted to the President and Professors of the Summer School for a reception to be given to the students of the Summer School on Saturday evening, July 30th. Carried.

On motion, *Resolved*, That the compensation of the President of the University, commencing with the current year, be fixed at \$6,000, with the use of the President's house, and an allowance of \$150 per annum for repairs of same as heretofore. Carried.

On motion, *Resolved*, That President Schurman be allowed an additional compensation of \$2,000 for services as Dean and Professor in the School of Philosophy, and as editor of the *Philosophical Review*. Carried.

On motion, *Resolved*, That the sum of \$3,000 be, and hereby is appropriated and allowed to President Schurman to assist him in furnishing his residence. Carried.

On motion, *Resolved*, That the report of the Committee on Ap-

plied Science recommending permission to remove the gas apparatus from the Physical Building to the Annex, at a total cost not exceeding \$50, beside cost of cutting and replacing wall, be accepted and adopted. Carried.

On motion, adjourned.

R. H. TREMAN,
Secretary *pro tem*.

ITHACA, N. Y., Aug. 18, 1892.

Present—Trustees Sage, H. W., Lord, Synnott, Schurman, Williams, and White.

Minutes of meeting of July 26th were read and on motion approved.

Moved and carried, that the question of repairs to the President's House be referred to the Chairman and Treasurer, and that the sum of \$500 be appropriated to cover such repairs as may be deemed necessary.

Moved and carried, that Dr. G. C. Caldwell be put in charge of the entire department of Chemistry for the academic year 1892-93.

Moved and carried, that Mr. Joseph Ellis Trevor be appointed Assistant Professor of Chemistry for a term of three years from the beginning of the academic year 1892-3, at a salary of \$1,400 per annum.

Moved and carried, that Mr. R. S. Tarr be re-appointed Assistant Professor of Geology for the academic year 1892-3, at a salary of \$1,400.

On motion, the following appointments were made in Sibley College :

Peter Carr, Assistant in Blacksmith shop for one year, at \$600.

Chas. Price, Assistant in Wood Shop for one year, at \$600.

Robert Vanderhoef, Assistant in Foundry for one year, at \$600.

A. H. Eldridge, Instructor in the Mechanical Laboratory for one year, at \$750.

C. N. Bierbaum, Instructor in the Mechanical Laboratory for one year, at \$750.

A. T. Bruegel, Instructor in Mechanical Engineering, and Assistant to Director, for one year, at \$750.

Moved and carried, that the resignation of Mr. C. W. Comstock as Instructor in Civil Engineering, be accepted.

A communication from Professor Crandall in regard to appointment of Mr. J. C. L. Fish to fill the vacancy during the fall term

caused by the absence of Instructor J. E. Hill, was on motion referred to the President, with power to take such action as he may deem wise.

Moved and carried, that Mr. L. N. Nichols be appointed Assistant in the Reference Department of the Library for the year 1892-3, at a salary of \$480.

Moved and carried, that Mr. W. W. Root be appointed Assistant in the Accession Department of the Library for one year, at a salary of \$400.

Moved and carried, that the report of Librarian Harris in regard to the Library Building, be referred to the Chairman of the Board, with power.

A communication from Dr. Thurston in regard to the erection of a school house upon the University Campus, was on motion referred to the Chairman of the Board, Mr. Synnott, and Geo. R. Williams, to report.

Moved and carried, that the question of fitting up the East room, third floor, of the Law Building, for a Faculty Room, be referred to the Chairman of the Board, Mr. Synnott, and Geo. R. Williams, to report.

On motion, the Treasurer was authorized to purchase of F. H. Coffey, of San Diego, a collection of minerals at \$12, as recommended by Dr. Newbury.

The matter of fixing grade of West avenue, was on motion referred to the Committee on Buildings and Grounds to confer with Mr. Cornell.

On motion, the sum of \$316.59 was added to the last year's appropriation for the *Philosophical Review*.

On motion, the question of purchasing platinum for gas generators, at a cost of \$60, was referred to the Committee on Applied Science.

Moved and carried, that the sum of \$150 be appropriated for transferring the shelving from the present Law School rooms to the new building.

The application of Dr. Wilder for the purchase of a crematory for the Anatomical Department, was on motion referred to the Committee on Applied Science.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Sept. 14, 1892.

Present—Trustees Sage, H. W., Schurman, Halliday, Synnot, Treman, and Williams.

Minutes of meeting of Aug. 18th were read, and on motion, approved.

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

The undersigned, to whom was referred the letter of Dr. Thurston in regard to erection of School House on the Campus by the Trustees, respectfully report :

That they see no duty on the part of the Trustees to build a school house for children on the Campus, but if Professors desire to do it, they commend setting apart for the purpose a lot of ground large enough to build the house on, upon such conditions as may at the time seem wise.

And as to the matter of finishing up the room in third story of the Law Building for a Faculty Room they think it not advisable, as at no distant day the Law School will need all of that house.

H. W. SAGE, Chairman.

The following reports were presented :

As to Library ventilation, the matter is in the hands of Mr. Miller, but it is doubtful if anything can be done before fires will be needed, and then all will be right.

The repairs to the President's House are progressing. They will cost more than our appropriation. He will do what he desires and pay any surplus cost himself.

Mr. Cornell is in no haste about establishing grade of West Ave., and we have no present necessity for it.

Moved and carried that the foregoing reports be accepted and adopted.

The following was presented :

The Committee on Applied Science advise granting Dr. Nichols' request to be permitted to buy new platinum for gas apparatus at cost not exceeding \$60.

Also that application of Professor Wilder asking building of Crematory for laboratory refuse in McGraw Building at cost not exceeding \$200 be granted.

GEO. R. WILLIAMS, Chairman.

Moved and carried, that the foregoing report be accepted and adopted, and appropriations granted as recommended.

The following was presented :

The communication of Professor Wheeler, dated June 28, 1892, requesting that the theses of Dr. George W. Botsford and Dr. Alice

Walton be published in the series of Cornell Classical Studies, having been referred to a committee consisting of the President and Chairman of the Board, this Committee reports in favor of authorizing the publication, subject, however, to the condition, that the authors shall pay into the University Treasury as purchase money for the twenty-five copies required for deposit in the University Library, a sum fairly equivalent to the expense they would have incurred in printing these copies on their own account.

Moved and carried, that leave of absence be granted Instructor J. E. Hill during the fall term.

Moved and carried, that Mr. W. P. Boright be appointed Instructor in Civil Engineering for the fall term of 1892-3, at a salary of \$250 for the term.

Moved and carried, that Mr. J. C. L. Fish be appointed Instructor in Civil Engineering for the academic year 1892-3, at a salary of \$750.

Moved and carried, that the resignation of Samuel J. Saunders as Instructor in Physics, be accepted.

Moved and carried, that the resignation of L. N. Nichols, as Assistant in Physics be accepted.

On motion, Frank Bedell, Harry E. Lawrence, Albert C. Crehore, Frank E. Millis and Chas. P. Matthews were appointed Assistants in Physics for the collegiate year 1892-3, at a salary of \$500 each.

Moved and carried, that the question of connecting the Physical Department with the Water Power at Sibley College was referred to the Committee on Applied Science.

Moved and carried, that Mr. F. W. Martin be appointed Assistant in Chemistry for next year at a salary of \$400.

Moved and carried, that Homer J. Edmiston be appointed Instructor in Latin for the next collegiate year, at a salary of \$750.

Moved and carried, that the salary of Assistant Professor R. S. Tarr for the next academic year be fixed at \$1,500.

A communication from Professor Bailey asking authority to erect a gardener's cottage near the south barn, was presented.

Moved and carried, that the whole subject of erecting cottages on the University farm to rent to employees be referred to the Committee on Buildings and Grounds to report.

Moved and carried, that the Law School Building be hereafter known and designated as Boardman Hall, and that the erection and style of tablet be referred to the Chairman of the Board, the President and Treasurer, with power.

Moved and carried, that the employment of a janitor for the Geological Department be referred to the Treasurer, with power.

Moved and carried, that Mr. Lawrence Powers be appointed janitor of Boardman Hall, at a salary of \$35 per month.

Moved and carried, that the resignation of Acting Professor S. B. Newbury be accepted, and that the communication from various students accompanying same be placed on file.

On motion, there was added to the appropriations for 1891-2 the following :—

Law School Building,	\$11,484.67
Fuel,	950.33

Moved and carried, that the President and Treasurer be a standing committee upon extension of time for payment of tuition, and upon the Student Loan Fund.

The question of purchasing a new seal for the University was on motion referred to Mr. Williams and the Treasurer, with power.

Moved and carried, that the fixing of the date for the Fall Meeting of the Board of Trustees be referred to the Chairman of the Board and the President, with power.

On motion, adjourned.

E. L. WILLIAMS, Secretary.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 4, 1892.

Present—Trustees Sage, H. W., Schurman, Synnott, Halliday, Treman, and Williams.

Minutes of meeting Sept. 14th were read and on motion approved.

The following was presented and on motion adopted :

The undersigned, to whom was referred the matter of fixing date for the fall meeting of the Full Board, recommend Thursday, Nov. 10th, and the inauguration of President Schurman, Friday, Nov. 11th.

H. W. SAGE,
J. G. SCHURMAN.

The following was presented and on motion adopted :

The Committee on Applied Science advise granting request that added power be given the Physical Department from the new water power.

GEO. R. WILLIAMS, Ch'm,

On motion, Mr. Max Hibler was appointed Assistant in the Machine Shop for one year, at a salary of \$600.

On motion, Mr. W. F. Raymond was appointed Mechanician in Sibley College for one year from Sept. 1st, 1892, at a salary of \$62.50 per month.

On motion, Mr. W. E. Mott was appointed Instructor in Civil Engineering for the academic year 1892-3, at a salary of \$1,000, in place of W. L. Webb, resigned.

Moved and carried, that the question of appointing Mr. Julius J. Knoch examiner in the College of Civil Engineering, without salary, be referred to the President with power.

Moved and carried, that Mr. F. P. Spalding be re-appointed Assistant Professor of Civil Engineering for one year, at a salary of \$1,400.

Moved and carried, that Mr. F. L. Kortright be appointed Assistant in Chemistry for the academic year 1892-3, at a salary of \$400.

On motion, Mr. Robert H. Treman was elected member of the Library Council, to succeed ex-President White.

The question of raising the salary of Mr. Ralph Giltner, Janitor in the Chemical Department, to \$35 per month, was on motion referred to the Treasurer, with power.

Moved and carried, that the salary of Mr. Henry Feehan, Supply Clerk in the Chemical Laboratory, be increased to \$60 per month.

Moved and carried, that Dr. Caldwell be authorized to nominate an additional Assistant in Chemistry for the current year, at a salary of \$400.

Moved and carried, that the Treasurer be authorized to purchase a microscope for the Geological Department at a cost of \$150.

Moved and carried, that the Treasurer be authorized to purchase three microscopes and two tables for the Anatomical Department at an expense not exceeding \$450.

Moved and carried, that the Treasurer be authorized to pay the bills of Mr. A. Hurlimann and A. Berthelemy, amounting to about 3,000 francs, for instruments ordered in Europe by Professor E. A. Fuertes.

On motion, the Treasurer was instructed to inform Professor Fuertes that any further bills created without authority would be charged against his private account.

Moved and carried, that the Law School building be left without insurance.

Moved and carried, that the amount of salary to be allowed Professor Jenks, under the resolution of April 7th, 1891, be referred to the President and Treasurer, with power.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Oct. 11, 1892.

Present—Trustees Sage, H. W., Cornell, Schurman, Synott, Halloway, Sage, Wm. H., Treman, Lord and Williams.

Minutes of meeting held Oct. 4 were read and, on motion, approved.

On motion, Mr. Julius J. Knoch was appointed examiner in the College of Civil Engineering for one year, without salary.

The order of the War Department detailing First Lieutenant Geo. Bell, Jr., to succeed Captain H. E. Tutherly as Professor of Military Science and Tactics at Cornell University, was presented and placed on file.

Moved and carried, that the salary of Instructor E. G. Lodeman be fixed at \$1,000.

Moved and carried, that the question of transferring \$1,000 of the salary of Professor L. H. Bailey from the Agricultural Experiment Station Fund to the General Fund, and all questions regarding appropriations from the Agricultural Experiment Station Fund be referred to a committee of three, of which the Chairman and President shall be two.

The Chair appointed Mr. Halliday the third member of the committee.

Moved and carried that Professor I. P. Roberts be appointed a delegate to represent Cornell University at the Sixth Annual Convention of the Association of American Agricultural Colleges and Experiment Stations, to be held in New Orleans on the 15th of Nov.

A communication from Henry E. Alvord, Chairman Executive Committee, etc., urging that the Board of Trustees of Cornell University be represented at the Convention of the Association of American Agricultural Colleges and Experiment Stations at New Orleans was read, and on motion the President was requested to make suitable reply.

Moved and carried, that a committee consisting of the Chairman, the President and Mr. Halliday be requested to re-examine the question of an exhibit by Cornell University at the Columbian Exhibition and to report to this Committee.

Moved and carried, that Assistant Professors Wing and Atkinson be made members of the Agricultural Experiment Station Council, in accordance with the recommendation of the Agricultural Experiment Station Council.

Moved and carried, that \$200 be set aside from the Experiment Station Fund for preparing material for illustrating the work of the Station in the coöperative exhibit of the American Agricultural Colleges and Experiment Stations at the World's Columbian Exposition, and that \$350 be appropriated from the same source to the Botanical division, as recommended by the Experiment Station Council.

Resolved, That the offer of Hon. Andrew D. White to present to the University the portraits of several eminent jurists, provided they be hung in the library of the Law School, be accepted, and that the thanks of this Committee be extended to Mr. White for his continued devotion and benefactions to the University.

Resolved, That the President, after consultation with the professors of law be empowered to hang the pictures in the Law School in places satisfactory to Mr. White.

Moved and carried, that the President be requested to visit Albany

and, in connection with the Dean of the Law School, inspect the Moak Library, and make such recommendations as they may deem wise in regard to purchasing same.

Moved and carried, that the application for a school house lot directly east of Professor Hughes', be referred to the Chairman with power.

Moved and carried, that the Treasurer be requested to report to this Committee the plans of the Superintendent for residing upon the campus, and also for deputizing some one to act during his absence in case of fire.

The application of the New York Alpha Chapter of the Phi Delta Theta Fraternity for permission to purchase the Henry S. Williams cottage was presented.

Moved and carried, that the Chairman be authorized to confer with Professor Williams with a view to the University's acquiring title to his cottage.

The election by the faculty of Professors L. H. Bailey, W. T. Hewett, and C. M. Tyler as members of the Library Council for one year was reported and on motion confirmed.

Moved and carried, that in view of the fact that the duties heretofore performed by Professor J. L. Morris as Superintendent of Buildings have been transferred to another, the extra compensation paid Professor Morris as such Superintendent of Buildings be discontinued.

Moved and carried, that the operation of the resolution of Oct. 17, 1890, providing for the annual publication of the list of donations to the University be suspended until further order of this Committee.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., October 18, 1892.

Present—Trustees Schurman, Halliday, Synnott, Williams, Sage, Wm. H., Treman and Lord.

The Committee appointed to re-examine the question of an exhibit at the Columbian Exposition reported adversely.

On motion the report was accepted and adopted.

The President presented orally a full report in regard to the value and contents of the library of the late N. C. Moak, which he had examined in conjunction with Mr. Halliday and Judge Finch. He also announced that Mr. Geo. R. Williams had put at his disposal

for the purchase of the library for the Law School of Cornell University the sum of twenty-five thousand dollars (\$25,000), which is presented in memory of the late Judge Boardman, first Dean of the Law School, by his widow, A. M. Boardman, and his only child, Ellen D. Williams, as set forth in the following letters:

ITHACA, N. Y., October 12, 1892.

DEAR PRESIDENT SCHURMAN :

It gives me great pleasure to tell you that those interested in the estate of Judge Boardman, desire me to place at your disposal fifteen thousand dollars or so much thereof as may be needed for the purchase of the Moak law library for the University Law School, if on examination such purchase seems desirable to yourself and Judge Finch.

I may be permitted also to express their appreciation of the honor conferred in the naming of "Boardman Hall," in which building we trust the library may long be helpful in making good lawyers out of noble men.

I am, yours very truly,

GEO. R. WILLIAMS,

Executor estate of Douglas Boardman.

ITHACA, N. Y., October 15, 1892.

E. L. WILLIAMS,

Treasurer Cornell University :

The heirs of estate of Douglas Boardman direct me to place at your disposal the sum of twenty-five thousand dollars for the purchase of the N. C. Moak law library, and I hold that sum subject to your order for that purpose.

GEO. R. WILLIAMS,

Executor estate of D. Boardman, dec'd.

The president furthermore announced that, after consultation with the Chairman of the Board, he had on the 15th inst. telegraphed Judge Finch to purchase the Moak library. He presented a telegram and a letter from Judge Finch in relation to the purchase.

Thereupon the following resolutions were presented and carried :

Resolved, That this Committee put upon record its cordial thanks to Mrs. Douglas Boardman and Mrs. George R. Williams for their noble benefaction. The spontaneity of the donors' good will, the timeliness of the gift, the unique excellence of the library conspire to make the act of generosity a memorable one in the history of Cornell University. The Committee believe that the Moak library will be a powerful instrument in adding to the efficiency and increasing prosperity of the Law School. And the delight with which the announcement has been received shows that the University as a

whole shares with the Trustees the warmest feelings of gratitude toward the gracious donors.

Resolved, That Mr. Williams be authorized to conduct all negotiations for the packing, insurance, transfer, and delivery of the library, and any other business appertaining thereto.

Resolved, That the Committee on Buildings and grounds be instructed to have the unfinished rooms of the Law School building completed with the utmost speed, in order that a place may be ready for the reception of the library.

Resolved, That the President be instructed to provide for the suitable labeling of the books.

Resolved, That a copy of the first of the foregoing resolutions be forwarded to Mrs Boardman and Mrs. Williams.

A communication from Librarian Harris in regard to the distribution of the appropriation to the Library for the purchase of books, was presented, and on motion accepted and approved.

Moved and carried that Mr. B. B. Stroud be appointed Assistant in Chemistry for the academic year 1892-93, at a salary of \$400.

Moved and carried, that Mr. C. P. Vergauven be appointed Instructor in French for the academic year 1892-3, to teach 9 hours per week, at a salary of \$450 per annum.

Resolved, That the Treasurer be authorized to grant to Mr. O. H. P. Cornell an extension of time for the payment of the term fees of his son Channing B. Cornell, taking therefor the notes of the latter endorsed by the former.

Moved and carried, that the Treasurer be authorized to loan an additional \$500 upon the Chas. M. Tyler cottage, to Professor Bennett, when he acquires title to the same.

Moved and carried, that the Chairman of the Board and the President of the University be a committee with power as to details and arrangements for the inauguration of President Schurman.

The following was presented and on motion adopted :

The undersigned, to whom was referred the application of Messrs. Crane, Osborne and Bailey, for permission to build a school house for children of members of the Faculty, on ground and plan as presented, respectfully recommend that permission be granted, on lease substantially such as is given for professors' houses, provided that if Professor Bailey desires it a fence shall be put around the building to keep children from the garden, and that the professors for whose use the ground is desired shall personally sign the lease, or form a school district corporation with which the University can legally contract.

H. W. SAGE.

Ithaca, Oct. 18, 1892.

Moved and carried, that the sum of \$125 be appropriated for the ornamentation and decoration of the grounds, to be expended under the supervision of Professor A. N. Prentiss.

Moved and carried, that Professor Prentiss be requested to consider the advisability of planting ivies and other creeping vines about the University buildings.

The Treasurer reported that the Superintendent had taken rooms in Cascadilla and expected to move into them the fore part of next week.

He also called attention to the urgent need of suitable house for the storage of fire apparatus and recommended that a cart for ladders and a chemical engine be added to the apparatus now on hand.

On motion, the question of converting the present carpenter shop into a house for fire apparatus, and the erection of a new carpenter shop, also the question of supplying additional fire apparatus, be referred to the Committee on Buildings and Grounds to report.

Resolved, That until further action of this committee, repairs to steam pipes upon the campus be made under the direction of the Director of Sibley College; all uncovering of pipes and filling of trenches in connection therewith to be done by the Superintendent, upon the request of said Director. Carried.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 25, 1892.

Present—Trustees Sage, H. W., Schurman, Williams, Lord and Treman.

Minutes of meeting Oct. 18th were read, and on motion approved.

Moved and carried that Mr. Treman be substituted for President Schurman on the Committee of Arrangements for the inauguration of the President.

Moved and carried that a committee of three, of which the President and Chairman shall be members, be appointed to investigate and report as to the advisability of establishing a Summer School under the control of the University. The Chair appointed Mr. Synnott a member of the committee.

Moved and carried that the Treasurer be authorized to grant the use of the Armory for rehearsals of the Orchestral Club at such a rate as will defray all expenses.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 1, 1892.

Present—Trustees Sage, H. W., Schurman, Synnott, Williams, Treman and Lord.

Minutes of meeting Oct. 25th were read and approved.

Moved and carried that Professor H. H. Wing be appointed a second delegate to the Convention of the Association of American Agricultural Colleges and Experiment Stations at New Orleans.

A communication from Dr. Thurston, asking the appointment of Miss F. H. Colt as Assistant in Industrial Art for the remainder of the collegiate year, at a salary of \$250, was on motion laid on the table.

A communication from Dr. Thurston asking the appointment of an additional assistant in the department of Industrial Drawing and Art, on part time for the balance of the year, at a salary not exceeding \$250, was presented.

Moved and carried that Dr. Thurston be informed that in view of the condition of our finances, the Executive Committee do not feel justified in making the appropriation at present.

Moved and carried that the action of the President in granting permission for use of Armory for military hops for the coming winter be ratified and approved.

Moved and carried that this Committee report progress upon the matter referred to it by the full Board, in June, viz. : The increase of tuition fees and charging tuition to graduate students.

Moved and carried that the fee to be charged for the use of the Armory for military hops be fixed at \$10.

Moved and carried that the Treasurer be authorized to return the tuition fee paid by G. R. Field for the current term, he having been obliged to leave the University, Oct. 7th, on account of sickness.

The question of carrying gas or electric light to Room 13 B, Morrill Hall, for Professor Hewitt, was referred to the President with power.

A communication from Professor Prentiss in regard to planting ivies about the University buildings was read.

Moved and carried that the matter be laid on the table for the present.

Moved and carried that the Treasurer be authorized to encourage Mr. W. J. Young in the matter of an additional loan of about \$100,000 from the University, in case he desires it in the near future for the purchase of pine timber.

The bill of Attorney Halliday for legal services during the past nine years, principally in the Comptroller Case, the Hallgarten Will and Fayerweather cases, amounting to \$5,000, was presented and ordered paid.

Moved and carried that Trustees Williams and Halliday be added to the Committee on Arrangements for the inauguration of President Schurman.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

I^THACA, N. Y., Nov. 8, 1892.

Present—Trustees Sage, H. W., Schurman, Synnott, Williams and Treman.

Minutes of meeting held Nov. 1st were read and on motion approved.

The following was presented and accepted :

The undersigned, to whom was referred the question of examining and reporting on the desirability of reducing the number of students in the technical courses, and especially in Sibley College, by raising the requirements for admission, begs leave to report as follows :

By action of the General Faculty on the 21st day of October, the subjects of Plane and Spherical Trigonometry and Advanced Algebra were made required subjects for admission to the Sibley College courses in Engineering (in addition to the Solid Geometry now required) in and after the year 1894.

To satisfy this increased requirement, which now occupies two terms of the Freshman year, candidates will probably spend an extra year in preparing themselves for admission to Sibley College, and the number of students will probably fall off in consequence.

Respectfully submitted,

J. G. SCHURMAN.

The President and Chairman of the Committee on Applied Science having visited Sibley College, and become satisfied that there is urgent need of additional assistance in the department of Industrial Drawing and Art, recommend that the request of Professor Thurston for an appropriation of \$250 for that purpose be granted.

Moved and carried that \$250 be appropriated, as above recommended.

Moved and carried that the matter of improved ventilation in Sibley College be referred to the Committee on Applied Science.

A communication from Dr. Walter L. Willcox in regard to a study of the University finances, was on motion laid on the table.

Moved and carried that in view of our inability to make appropriations for purchase of new apparatus, the Committee feel obliged to decline the application of Professor Fuertes for an appropriation of \$30,000 for the purchase of apparatus in Europe.

Moved and carried that the resignation of E. H. Preswick as Instructor in Chemistry be accepted.

Moved and carried that the resignation of Mr. F. W. Martin as Assistant in Chemistry be accepted.

Moved and carried that Assistant F. D. Smith be appointed Instructor in Chemistry for the balance of the current year, in place of E. H. Preswick, with salary at the rate of \$750.

Moved and carried that the sum of \$500 be added to the appropriation for boxing, transporting and setting up Archaeological casts.

Moved and carried that the Treasurer be authorized to accept the actual cost of gas for the use of Barnes Hall for the concert recently given for the benefit of the students' ward in the Ithaca Hospital.

Moved and carried that the Treasurer be authorized to purchase Pasteur filters for Sage College and the Gymnasium.

The following was presented and on motion adopted :

Resolved, That the Ithaca Street Railway Co. be notified of the communication of Professor Thurston relative to backing water upon Cornell University water wheels ; a copy of it sent them, and a notice that they must promptly so arrange their dam and water power that it shall not interfere with the full use and occupation by the University of its water power.

A communication from Mr. J. H. Dennis, of Topeka, in regard to East Side Street Railway matters, was referred to Trustee Williams and the Treasurer to negotiate and report.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Nov. 10, 1892.

Present—Trustees Schurman, Synnot, Sage, H. W., Turner, Halliday, Sage, Wm. H., Hiscock, Lord, Kerr, Williams and Treman.

Moved and carried that the minutes of the meetings of the Board held June 15th, 16th and 17th, and of the Executive Committee, as printed to date, be adopted and approved.

The Annual Report of the Treasurer was presented and on motion accepted and placed on file.

The report of the Land Committee was presented and on motion accepted and placed on file.

The following was presented :

APPROPRIATIONS, 1892-93.

The Committee on Appropriations recommend appropriations for year 1892-3 as follows :

Re-appropriations to complete contracts of last year :

Anatomical,	\$ 54 20
Advertising,	557 08
Agricultural Experiment Station,	2,586 18
Congressional Ind. Fund—Agricultural,	520 40
“ “ “ —Mechanical,	06
Civil Engineering,	105 59
Electric Lighting,	1,032 03
Horticultural,	529 37
Law School Expense,	110 46
Library,	353 87
Library Building,	7,692 17
Military,	83 50
Sibley Prize,	55 00
Water Works,	3,440 92
Archaeological Museum,	1,477 74
Memorial Tablets and Busts,	450 00
House for Fire Apparatus,	500 00

Law School Building,	5,205 00	
Psychological Laboratory,	482 22	
School of Philosophy,	500 00	
Lectures on Comparative Religion,	466 66	
Military Hall and Gymnasium,	727 28	
	<hr/>	\$26,929 73

APPROPRIATIONS, 1892-93.

Agricultural,	\$ 4,500 00
Agricultural Experiment Station,	15,000 00
Anatomical,	1,950 00
Architectural,	1,000 00
Barnes Hall Expense,	400 00
Botanical,	2,500 00
Bell Ringing,	150 00
Care of Buildings,	5,500 00
Care of Grounds,	2,500 00
Chemical,	10,000 00
Congressional Industrial Fund,	18,000 00
Civil Engineering,	4,000 00
Contingent,	5,300 00
Class '86 Memorial Prize,	30 00
Dean Sage Sermon Fund,	2,000 00
Entomological,	800 00
Fuel,	8,000 00
Geological,	340 00
German,	100 00
Greek,	233 00
Heating and Lighting Labor,	3,750 00
Horticultural,	1,800 00
Latin,	158 00
Law Library,	1,000 00
Law School Expense,	832 00
Law School Prizes,	170 00
Library,	28,518 00
Law Building,	30,000 00
Mechanical,	20,280 00
Morse Hall,	18,926 81
Military,	400 00
Mathematical,	125 00
Mrs. A. S. Barnes Shakespeare Prize,	60 00
Physical Culture,	700 00
Physical,	4,000 00
Printing and Stationery,	3,500 00
Philosophical Review,	2,000 00

Register,	2,100 00
Repairs,	7,000 00
Steam Heating Repairs, (Incl. in Mech.), . .	
Sage Chapel Expense,	350 00
Sage Fund,	10,750 00
Salaries,	227,735 00
Scholarships and Fellowships,	15,200 00
Sibley Prize,	100 00
Student Loan Fund,	500 00
Veterinary,	100 00
White Veterinary Prize,	30 00
Water Works,	500 00
Woodford Medal,	100 00
Archaeological Museum,	365 00
American History—Seminary,	150 00
Mechanical Laboratory Fund,	628 69
Psychological Laboratory,	600 00
School of Philosophy,	100 00
Portraits—C. K. Adams and W. H. Miller, . .	1,500 00
Seminary Room Rent, (Dr. C. M. Tyler), . .	160 00
French,	250 00
Industrial Drawing and Art, (Assistance), . .	250 00
Boxing and Transporting Casts,	500 00
Attorney's Fees and Expenses,	5,000 00
Advertising,	500 00
	<hr/>
	472,991 50
	<hr/>
	<u>\$499,921 23</u>

Estimated Income for 1892-93, as per Treasurer's Report,	\$488,447 94
Add: Increased Income from Tuition and Shop Fees, warranted by increased number of students registered since above estimate was made,	15,000 00
	<hr/>
	<u>\$503,447 94</u>

It will be seen from the above that it will be impossible to meet, from this year's income, the current expenses of the year and pay the \$30,963.58 due on debt to Land Fund, under Resolution of June 14, 1892. The Committee, therefore, recommend that the payment of this sum be deferred for one year.

Respectfully submitted,

J. G. SCHURMAN,	} Committee on Appropriations.
H. B. LORD,	
H. W. SAGE,	

Moved and carried that the foregoing report be accepted, and appropriations made as recommended.

Resolved, That the payment of the amount due this year on debt to land fund, viz. : \$30,963.58 and interest on same at 5 per cent., be postponed for one year.

Moved and carried that the degree of M.E. be conferred upon Mr. Albert F. Zahm, as recommended by the Faculty.

On motion Assistant Professor C. F. Osborne was elected Associate Professor of Architecture, at a salary of \$2,200 per annum.

Resolved, That whereas in the interests of the agriculture of the State of New York, an Agricultural Hall at Cornell University is greatly needed, and,

Whereas, The funds of the University are inadequate to provide it, a committee be appointed to consider the needs of the College of Agriculture, and the best means of meeting them, with instructions to report to the Executive Committee, which is hereby authorized to take such action as it may deem expedient in the premises. Carried. The Chair appointed the President of the University and Trustees Flower, Cornell and Treman, and Professor Roberts, as members of above committee.

Resolved, That the Chair appoint a member to take the place of Hon. A. D. White on the committee heretofore appointed to consider the needs of the department of Veterinary Science, and that the aforesaid committee be instructed to report without delay to the Executive Committee, and that the Executive Committee shall thereupon take such action as it may deem expedient in the premises. Carried.

The Chair appointed Dr. James Law as member of the above mentioned Committee in place of the Hon. A. D. White.

Moved and carried that the Chairman announce the members of the foregoing committees in the printed minutes.

Moved and carried that the Chairman of the Board of Trustees, who is specifically named in the resolution establishing the Committee, be considered Chairman of the Special Committee on the School of Veterinary Science.

Moved and carried that the Treasurer be authorized to pay Chas. T. Harbeck \$93.75 interest claimed by him, and also to tender, either in person or through some suitable agent in New York, payment in full of the Harbeck mortgage and interest upon same.

On motion adjourned.

E. I. WILLIAMS, Sec'y.

CORNELL UNIVERSITY

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Nov. 22, 1892

Present—Trustees Sage, H. W., Schurman, Synnott, Halliday, Lord, Treman, and Williams.

Minutes of meeting Nov. 8th were read and on motion approved.

The following was presented and on motion accepted and adopted :

The committee to which was referred the question of establishing a Summer School, having considered the same, respectfully report in favor of the following resolutions :

1. That a Summer School be established by the University.
2. That, subject to such supervision as the Executive Committee may deem necessary, the management of the Summer School, both on its financial and educational sides, shall be in the hands of the teachers, who however, are instructed to arrange their curriculum in harmony with the policy formulated by the Faculty in its resolutions of October 21st, which have already been communicated to the Executive Committee.

J. G. SCHURMAN,
S. H. SYNNOTT,
H. W. SAGE.

Moved and carried that the proceedings at the Inauguration of President Schurman be published in full, and that the question as to number and style of pamphlets be referred to the Chairman and President and Mr. Treman, with power.

The application of the Beta Omicron Chapter of Delta Tau Delta for a lease of the lot west of Cascadilla Place and north of Williams street, to be used as a lawn in connection with a building lot west of same, which they intend to purchase, was on motion denied.

The following was presented and on motion accepted and adopted :

The Committee on Applied Science advise, regarding ventilation of drawing room in Sibley Shop, that the Superintendent of buildings put ventilating openings in chimney at east end of room, under direction of Dr. Thurston.

GEO. R. WILLIAMS, Ch'n.

Ithaca, N. Y., Nov. 22, 1892.

The following was presented and on motion adopted, and necessary appropriation passed :

The Committee on Buildings and Grounds report the following arrangements for fitting rooms for the Moak Library :

CONTRACTS.

Plastering,	\$ 500
Steam fitting,	350
Thermostats, etc.,	350
Wiring and electric light,	410
Estimate, carpenter work and book-cases at cost and 10 per cent.,	3,000
	\$4,610

And advise that Treasurer Williams be authorized to order tables from parties furnishing those in Law reading room.

All work is agreed to be ready for use within sixty days.

Ithaca, N. Y., Nov. 14th. 1892.

Moved and carried that the application of the Ithaca Street Railway Co. for permission to extend their line from South Avenue to Sibley Building be laid on the table until next spring.

Moved and carried that the action of this Committee ordering insurance on Harbeck Stores reduced, be rescinded, and that insurance brokers be instructed to hold good all insurance upon said stores until further orders.

Moved and carried that the appointment of Professor Osborne to an Associate Professorship date from the beginning of the current year.

Moved and carried that the sum of \$1,100 be appropriated to cover expenses of inaugural ceremonies.

Moved and carried that the use of the Armory be granted for the Junior Ball on Feb. 3d, on the usual terms and conditions.

A petition for a walk from Cascadilla bridge to the bridge over Willow pond was presented.

Resolved, That the Executive Committee do nothing which will in any way tend towards assuming the responsibility for a bridge over Willow pond or the passage way to it.

Moved and carried that the Treasurer be instructed to have a flag walk four feet wide laid on the north side of South Avenue, from F. C. Cornell's line to Central Avenue, the University paying for its portion of said walk, and the Professors having lots upon said avenue paying for walk in front of such lots, as provided for in their leases.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

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CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 6, 1892.

Present—Trustees Schurman, Synnott, Williams, Treman, and Sage, Wm. H.

On motion Mr. Synnott was called to the chair.

Minutes of meeting held Nov. 22 were read and on motion approved.

Moved and carried, that Professor Tarr be authorized to exchange duplicate lantern slides in Geological Department for new slides.

The following was presented, and on motion laid on the table for the present :

Resolved, That the sum of \$1,000 be and hereby is appropriated for the purpose of procuring a portrait of the late Hon. Asa Packer, founder of Lehigh University, by Mr. J. Colin Forbes, for the Library of Cornell University.

The following was presented, and on motion laid on the table for the present :

Resolved, That a copy of Mr. Treman's Alumni Report for 1892 be sent to each member of the new Legislature, and three to five copies to each State officer. If copies are not available, the Treasurer should be authorized to print 1,000 extra copies.

The question of establishing a *School Review* to be published by the University, the cost to be paid from the surplus of the subsidy to the *Philosophical Review*, and from the advertising appropriation, was referred to the Chairman and President with power.

Moved and carried, that the College of Civil Engineering and Department of Architecture be authorized to invite non-resident lecturers to the number of six per year, in each department, upon the same terms as to cost that lecturers at Sibley College are obtained.

Moved and carried, that the Professor of Agriculture be authorized to expend \$25 to \$50 of the agricultural appropriation for advertising.

Moved and carried, that authority be granted for mentioning the summer course in Law in the regular advertisement of the Law School in exchange for a similar notice of the Law School in the advertisements of the Summer School of Law.

Moved and carried, that Mr. C. G. Hopkins be appointed assistant in chemistry, at a salary of \$400 per annum, in place of Mr. Martin resigned.

Moved and carried, that Mr. B. S. Cushman be appointed assistant in chemistry, at \$30 per month, from Nov. 15 to June 15 inclusive, in place of Mr. F. B. Smith, promoted.

Moved and carried, that Miss Minnie Roberts and Miss Elmira Wilson be granted the privilege of registering in the University Nov. 17 and continuing work to Feb. 17, upon the payment of one term's tuition fee.

The resignation of Instructor A. P. Willis, also a petition signed by fifty-three students of Sibley College with reference to same, were presented and laid on the table.

The following was presented :

To the Executive Committee :—

The several members of the two committees of the Trustees appointed to consider and recommend action in reference to the promotion of educational facilities in the College of Agriculture, and especially with reference to a better provision for the development of a Veterinary College, having held a joint meeting, all being present except His Excellency Gov. Flower, respectfully report and recommend

That the importance and advantage of the establishment and maintenance at Cornell University of a thoroughly equipped State College of Veterinary Science be presented to the coming session of the Legislature for its attention and consideration.

On motion the foregoing report was accepted and consideration of same made a special order for the next meeting of the Committee.

On motion the Treasurer was authorized to have a plank walk laid from East Avenue to the Horticultural Forcing House.

Moved and carried, that Mr. E. W. Roberts be exempted from the payment of the current term's tuition fee on account of sickness since Oct. 17.

A communication from Professor Tuttle asking that his salary be increased to \$4,000 was presented.

Moved and carried, that the Treasurer be authorized to say in reply, that while this Committee appreciates the great ability and service of Professor Tuttle to the University, owing to the condition of the University's finances they are unable to grant his request.

Application of the Sophomore class for the use of the Armory and Annex on the night of Feb. 1, for the Sophomore Cotillion, was laid on the table.

Moved and carried, that amount of insurance to be carried on Denny Hotel be fixed at \$80,000.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., December 13, 1892.

Present—Trustees Sage, H. W., Schurman, Synnot, Sage, Wm. H., Treman, and Williams.

Minutes of meeting of Dec. 6 were read and on motion approved.

The following was presented and on motion adopted :—

The Committee to which was referred the President's proposal of establishing a journal of secondary education to be published by the University, having considered the same respectfully report :

That the best interests of the University would be subserved by the publication under its auspices of such a journal of secondary education. The mere establishment of "The School Review" would tend to bring the University into closer relations with the schools; and, if properly conducted, the Review could not fail to be of direct service to the schools and, therefore, of indirect benefit to the University both as regards the number and quality of its entering classes.

On the other hand the committee do not feel warranted in recommending any additional appropriations for "The School Review." But as the University has annually spent \$240 for a one-page advertisement in "The Academy," which the Review is to succeed, the Committee recommend that a subsidy of \$240 be appropriated to "The School Review" from the advertising fund.

The only other source from which aid might be available is the publication fund of \$2,000 a year set apart on the establishment of the Sage School of Philosophy for "The Philosophical Review." This publication will not cost the University much, if any, more than \$1,500, for the first year of its existence (which is just closing), and there is a reasonable prospect of reducing these figures to \$1,000, or at most \$1,200 for the year 1893.

The Committee, however, is of the opinion that whatever is saved of this publication fund should inure to the benefit of Philosophy proper. But the Committee sees no objection to lending for the establishment of "The School Review" whatever portion of the appropriation of \$2,000 set apart annually for "The Philosophical Review" is not actually used for the object—provided, however, that the efficiency of the latter organ be maintained, and its financial basis remains permanently unimpaired. The Committee accordingly recommend that this loan be made.

All of which is respectfully submitted.

H. W. SAGE.

J. G. SCHURMAN.

Moved and carried, that the resignation of Instructor A. P. Willis be accepted.

Moved and carried, that Mr. Victor T. Wilson be appointed Instructor in Free Hand Drawing to succeed Mr. A. P. Willis, with salary at the rate of \$750.

A communication from Dr. Thurston in regard to the back water from the dam of the Ithaca Street Railway Company was referred to the Treasurer to investigate and report.

Moved and carried, that the Director of Sibley College be authorized to employ an additional man in the Heating and Lighting Department at the rate of \$40 per month, and that the Treasurer be directed to ascertain and report to this Committee the duties of each of the subordinate employees of Sibley college.

Moved and carried, that Professor L. H. Bailey be granted a leave of absence from May 1st to the end of the Spring term, for the purpose of studying at the Columbian Exhibition the Horticultural and Botanical resources of the United States and of the world.

Moved and carried, that \$340 be appropriated for fitting up and arranging the Geological Museum.

Moved and carried, that the use of the Armory be granted the Sophomore class for a Cotillion on Wednesday evening, February 1st, on the usual terms and conditions.

Moved and carried, that the Treasurer be authorized to increase the loan to Dr. C. M. Tyler upon his cottage to \$5,000.

Moved and carried, that janitors and employees in the Department of Heating and Lighting be allowed double time for extra work in connection with balls, receptions, etc., at the University.

Moved and carried, that the President and Trustees Potter and Halliday be requested to go to Albany at as early a date as possible, for the purpose of conferring with Governor Flower in regard to State aid for Cornell University.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Dec. 20, 1892.

Present—Trustees Sage, H. W., Schurman, Lord, Synnot, Halliday, Treman, Sage, Wm. H., and Williams.

Minutes of meeting of December 13 were read and approved.

The committee appointed at the last meeting made an oral report of their interview with Governor Flower in regard to State aid for Cornell University.

On motion the Treasurer was authorized to pay the bills of the Boston Book Co. for English Reports for the Law Library, amounting to \$341.50.

Communications from Professor Henry E. Alvord in regard to exhibits by the College of Agriculture at the Columbian Exhibition, were referred to the President for inquiry and report.

The question of having a collection of photographs of the University buildings made to form a part of the educational exhibit at the Columbian Exhibition, was referred to the President and Chairman with power to act.

Moved and carried, that the report of Dr. Law on Higher Veterinary Education be printed under the direction of the President, to whom is referred, with power, the question of number and style.

Moved and carried, that this committee recommend to the Full Board the establishment of a Chair of Elocution and Oratory, to take effect at the beginning of the next collegiate year, the salary the first year to be \$2,600, and to increase \$200 annually until it reaches \$3,000.

Moved and carried, that the bid of Archer & Pancoast M'fg Co. of \$518, for electric fixtures in the two east rooms of Law building be accepted, and the necessary appropriation be made.

Moved and carried that when the Ithaca St. R'y Co. shall have permanently fixed their dam in Fall Creek so as to remove all danger of backing water upon the University's water wheels, that permission be granted them to put in a line of poles on West avenue from Eddy street to University avenue, it being agreed that they will move the poles under the University's direction when the street is opened.

Moved and carried, that the location of a fire alarm box upon the University Campus be referred to the Treasurer with power.

Moved and carried, that E. L. Williams, Treasurer Cornell University, be and he is hereby authorized to execute for and in behalf of Cornell University a certain contract, bearing date the 29th day of November, 1892, between The Kansas Loan and Trust Company, of Topeka, Kansas, and Cornell University, providing for the management and sale of certain defaulted mortgages held by Cornell University and purchased of said Kansas Loan & Trust Company, and defining the rights and duties of the respective parties.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Dec. 23, 1892.

Present—Trustees Sage, H. W., Sage, Wm. H., Schurman, Williams, Halliday, Lord, and Treman.

Minutes of meeting Dec. 20th, were read and on motion approved.

Moved and carried, that an appropriation of \$200, or so much thereof as may be necessary, be made to provide for an exhibit by the College of Agriculture at the Columbian Exposition.

On motion, adjourned until Tuesday, Jan. 3.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Jan. 7, 1893.

Present—Trustees Sage, H. W., Sage, Wm. H., Halliday, Treman, Lord, Williams, and Schurman.

Minutes of meeting held Dec. 23 were read and on motion approved.

A communication from President Fell of St. John's College, Annapolis, in regard to requesting of the War Department the extension of time of detail of military officers from three years to four years, was on motion laid on the table.

Moved and carried that Mr. C. P. Vergaoven be appointed Instructor in French for the remaining two terms of the current year, to give full time, with salary at the rate of \$750 per annum.

The question of the University's giving the use of a room in Barnes Hall to the Press Club, was on motion referred to the President with power.

Moved and carried that the request of Mr. A. Marston for permission to take work in the College of Civil Engineering, from Jan. 3d to Feb. 1st, upon payment of one-half the winter term's tuition fee, was on motion granted.

Moved and carried that the request of Professor Emerson for the transfer of \$165 of the appropriation made to the Archæological Museum to the Department of Greek, be granted.

Moved and carried that the action of the Finance Committee in granting Professor W. T. Hewett an additional loan of \$1,500 upon his cottage, be ratified and confirmed.

Moved and carried that the Treasurer be authorized to settle the claims of agents at Seattle for back insurance premiums on Denny Hotel, upon the basis of amount of insurance which Cornell University has carried since receiving notice that companies looked to us for payment of premium.

The report of the Treasurer giving list of subordinate employees in Sibley College, with duties assigned to each, was accepted, and the suggestion that the Department of Heat and Light be hereafter known as the Department of Heat, Light and Power, approved.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 17, 1893.

Present—Trustees Sage, H. W., Sage, Wm. H., Schurman, Treman, Williams and Lord.

Minutes of meeting Jan. 7 were read and approved.

Moved and carried that the Law Faculty be authorized to send out, in the name of the Trustees, invitations to the exercises to be held at the formal opening of the Law Building and the presentation of the Moak Library.

Moved and carried that the Treasurer be authorized to advance to Mr. Victor Coffin the remaining payments upon his Fellowship.

Moved and carried that the Treasurer be authorized to allow the Cornell Congress to use the west dome room in Barnes Hall, upon the usual terms to societies.

Moved and carried that the Treasurer be authorized to have two cabinets made and placed in the lecture room in the Library Building for the White collection of medallions.

Moved and carried that a committee of two, to be named by the Chair, be appointed to consider and report to this Committee details and recommendations regarding the establishment of the Physics Review. The Chair appointed as such Committee the President and Mr. Treman.

Moved and carried that the use of the Armory for Damrosch concert be granted upon payment of actual expenses for heat, light and janitor service.

Moved and carried that Mr. J. E. Rice be granted extra compensation of \$66.66 for special services in the short course in Agriculture.

Moved and carried that Mr. J. E. Rice be allowed to send in his resignation at the end of the winter term.

Moved and carried that Mr. E. M. Fulton be appointed Assistant Librarian in Law School in charge of the Moak Library for the remainder of the year, with salary of \$75 per term.

The resignation of Professor Charles E. Hughes as Professor of Law was presented and on motion accepted.

Resolved, That in accepting the resignation of Professor Hughes, the Executive Committee put upon record their high appreciation of

his character and abilities, his varied and profound knowledge of the law, and his pre-eminent success as a teacher and guide of students. While the Committee deeply regret Professor Hughes's withdrawal from the Law School, they extend to him their congratulations upon the distinguished position he has been invited to fill in the practice of his profession.

Resolved, That a copy of the foregoing resolutions be forwarded to Professor Hughes.

Moved and carried that under existing circumstances no changes be made in the lighting system until the water power is available.

Moved and carried that the sum of \$5,050 be appropriated for boxing and transporting archæological casts and for installation and furnishing, in accordance with statement of Professor Wheeler.

Moved and carried that the Treasurer be authorized to confer with Messrs. C. H. Potter & Co. of Cleveland, and in case it becomes necessary, to bring a suit for the collection of Maumee Village, Ohio, bonds.

Moved and carried that the Treasurer be authorized, in case of an emergency, to turn off the steam from such building or buildings as can best be spared, in order that Sage College may at all times be properly heated.

Moved and carried that the Chairman of the Board be requested to have an interview with Professor Thurston in regard to the steam heating system.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 24, 1893.

Present—Trustees Sage, H. W., Cornell, Schurman, Lord, Treman, Williams and Halliday.

Minutes of meeting held January 17 were read and on motion approved.

The following was presented :

The Committee to which was referred the matter of the publication of a periodical journal of Physics under the auspices of the University having considered the same, respectfully report :

It is generally agreed that it is the function of a modern university to advance the boundaries of knowledge as well as to communicate existing knowledge. Yet original research is of little use unless the results are made public. And as, at the outset, such results are without a commercial value, publishers cannot be expected to run the risk of presenting them to the world. Consequently universities need endowments for publication as well as for investigation

and instruction. It is unfortunate that Cornell has no other special publication fund than that provided for the Sage School of Philosophy. And it is a serious question, whether in the present condition of our finances, the general funds of the University should be used for new enterprises. Nevertheless, the Committee recommends the establishment by the University under the editorship of Professor Nichols of a periodical to be designated *The Physics Review*, which shall be issued once in two months and contain about eighty pages of printed matter. The total cost of producing an edition of from 500 to 700 copies cannot exceed \$400 an issue, including \$100 for illustrations ; that is, \$2400 for the year.

The grounds on which the Committee base their recommendation are the following : (1) Physics is one of the most important departments in the University, being equally important for the general and for the technical courses. (2) There is no journal of Physics in the United States ; the time and circumstances could not be more opportune. (3) The members of the Physics department already produce a great deal of original work—perhaps half enough to fill the Review—which is scattered in a number of scientific journals and lost to the University, so far as credit is concerned. (4) After the first year or two, the Review would be almost, if not quite, self-supporting. The Librarian finds that such periodicals have a circulation of from 500 to 700 copies. And if the subscription were made \$4, as is proposed, *The Physics Review* would clear itself with 600 subscribers,—a number reasonably certain after the first year or two. Besides something may be expected from advertisements of makers of apparatus. (5) The indirect benefit to the University of having a first-class organ of so fundamental a science as Physics will be very great, though it cannot be estimated in figures. Certainly this is the best sort of advertising for Cornell University. (6) As the first number of the Review could not be issued before the summer, there would be no demand upon the income of the present financial year.

In justice to Professor Nichols, who met with the Committee, it ought to be explicitly stated that, while he is willing and anxious to undertake the work proposed, he thinks *The Physics Review* should not be launched if it is not to be permanent, and if he is not to be allowed to aim rather at making it excellent than self-supporting. The Committee concurs in this opinion.

All of which is respectfully submitted.

J. G. SCHURMAN,
R. H. TREMAN.

On motion the foregoing report was accepted and adopted.

A communication from Professor Crandall in regard to the reappropriation on August 1st next of such amount as may be saved

from the appropriation to the College of Civil Engineering, towards the purchase of a testing machine, was on motion referred to the Chairman and President with power.

Moved and carried that an Assistant in English, at a salary of \$500 per annum, be authorized, to take effect at the beginning of the next collegiate year.

Moved and carried that a communication from Professor Thurston in regard to pumps be referred to the Treasurer for additional information.

Moved and carried that the Chairman, the President, and Mr. Williams be a Committee to investigate and report as to the best method of improving the heating system.

Moved and carried that the Cornell Congress be permitted to use the west dome room, Barnes Hall, at actual cost of heat, light and janitor service.

Moved and carried that the date for the winter meeting of the Full Board be referred to the Chairman and President with power.

Moved and carried that the adjustment of insurance on Harbeck Stores be referred to the Chairman of the Board, with power to execute appraisal agreement or power of attorney to insurance brokers, as in his judgment may seem best.

Moved and carried that the action of Mr. Williams in ordering wire doors and extra shelving in Moak Library room be approved.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 31, 1893.

Present—Trustees Schurman, Lord, Halliday, Williams and Treman.

On motion Mr. Lord was called to the chair.

Minutes of meeting Jan. 24th were read and on motion approved.

On motion, *Resolved*, That Professor C. A. Collin be granted leave of absence for three of the six days of the week, and that his salary be fixed at \$2,000 per annum, to take effect at such time as the President shall designate.

On motion, *Resolved*, That the President be authorized to select and recommend to this Committee for appointment a temporary Assistant in the Law School.

On motion, *Resolved*, That Professor Thurston be informed that the Executive Committee do not deem it expedient to make an appropriation for a new pump at present.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 7, 1893.

Present—Trustees Cornell, Lord, Williams, Schurman, and Tremen.

On motion Mr. Cornell was called to the chair.

Minutes of meeting held Jan. 31st were read and approved.

The Committee appointed to fix date for winter meeting of the Full Board recommended Tuesday, March 14th.

On motion the Secretary was directed to call a meeting of the Full Board as recommended by the Committee.

The resignation of J. E. Rice as Assistant in Agriculture, to take effect March 15th, was presented and ordered on file.

The resignation of Brainard G. Smith as Associate Professor of Elocution and Oratory, to take effect at the close of this academic year was presented and ordered on file.

On motion the sum of \$140.25, or so much thereof as may be necessary, was appropriated for the erection of a flagstaff in front of the Armory, and the purchase of two United States flags, as recommended by Lieut. Bell.

Moved and carried that the Chairman of the Board be authorized to provide two additional flagstuffs on the Armory at such expense as he may deem wise.

Moved and carried that the President and Chairman be authorized to have made two additional sets of photographs of the University buildings, one to be exhibited in connection with the National exhibit at the Columbian Exposition, as requested by Dr. W. T. Harris, the Commissioner of Education, and one for exhibition in the Bureau of Education at Washington.

Moved and carried that the preparation of a Hand-book of the University for distribution at Chicago be referred to the President and Chairman, with power to incur necessary expense.

The application of Miss Charsky for the remission of two-thirds of the current term's tuition was referred to the Committee on extension of tuition, with power.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Feb. 13, 1893.

Present—Trustees Sage, H. W., Schurman, Williams, Halliday, Treman, Synnott, and Cornell.

Moved and carried that the question of advertising the Harbeck Stores for rent be referred to the Chairman, with power, with the suggestion that the advertisement be put in the *Evening Post* and the *Journal of Commerce*.

The resignation of Associate Professor E. A. Ross, to take effect at the close of the present academic year was presented and placed on file.

A communication from the Women's Relief Guild of Cornell University, in regard to a hospital was presented and referred to the President for consideration and report.

Moved and carried that permission be granted Professor Brainard G. Smith to assign his lease to Librarian Harris.

Moved and carried that the question of building a blue print room on top of the Dynamo Room at Sibley College be referred to Trustee Williams and the Treasurer, with power.

Moved and carried that consideration of the question of changing the Cascadilla Parlor into four suites of rooms be postponed until next week.

Resolved, That Mr. B. F. White, the photographer be informed that while the negatives used for the making of photographs and slides for the University are the property of the University, he may be permitted to use them for furnishing products to outside parties, provided he procures the previous consent of the President and of the department concerned. Carried.

On motion adjourned until Tuesday, the 21st inst.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Feb. 21, 1893.

Present—Trustees Sage, H. W., Schurman, Synnott, Williams, Lord, Treman, and Halliday.

Moved and carried that the Treasurer be requested to go to New York to-night for the purpose of looking over the matter of insurance and repairs connected with Harbeck Stores, and that he be authorized to execute a lease for same if satisfactory parties be found.

The Committee made favorable report upon the request of the C. E. Department to save \$1,500 from this year's appropriation to be re-appropriated next year towards the purchase of a testing machine. On motion the report of the Committee was adopted.

Moved and carried that the question of accepting a supplementary endowment to the Sage Chapel fund, in order that ministers of all religious denominations may be called, be referred to the Chairman and President with power.

Moved and carried that 2000 copies of the proceedings at the formal opening of Boardman Hall be printed.

Resolved, That the thanks of this Board be conveyed to the Honorable Charles Andrews, Chief Judge of the Court of Appeals, for the learned and eloquent discourse which he delivered on the occasion of the dedication of Boardman Hall and the presentation of the Moak Library; and that the Board request Judge Andrews to furnish a copy of the address for publication along with the other proceedings of the day. Carried.

Moved and carried that the Women's Relief Guild of Cornell University be informed that the Executive Committee is ready to supply ground for a hospital for contagious diseases whenever a sum sufficient to erect a building, and adequately support it, is raised.

Moved and carried that the question of legislation at Albany be referred to President Schurman, with authority to take such steps as will in his judgment tend to bring about favorable results.

Resolved, That in addition to the \$240 set apart from the advertising appropriation, the sum of \$650 be appropriated to the *School Review* for the current year, this sum being a loan from the subsidy to the *Philosophical Review* in accordance with the action of this committee of Dec. 13, 1892. Carried.

Moved and carried, that the large west room in Cascadilla be converted into four suites of rooms for rent, and that the sum of \$1,250 be appropriated for the work.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Feb. 28, 1893.

Present—Trustees Sage, H. W., Cornell, Halliday, Williams, Treman, and Lord.

Minutes of meeting Feb. 21st were read and on motion approved.

Moved and carried, that the sum of \$400 be added to the appropriation for electric lighting, for the purchase of 2000 incandescent lamps.

Moved and carried, that permission be granted for the renting of a small triphammer to the Ithaca Drop Forge Works, amount of rent to be fixed by Dr. Thurston.

Petitions from professors, officers and students of the University, asking that the Ithaca Street Railway Co. be permitted to lay its tracks across the campus, was presented, and on motion consideration of same was made a special order for a meeting to be held on Saturday, March 4, at 2 p. m.

On motion adjourned until Saturday, March 4, at 2 p. m.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March 4, 1893.

Present—Trustees Sage, H. W., Cornell, Halliday, Synnott, Treman, Schurman, and Lord.

Moved and carried that the question of an electric road across the Campus from South Ave. to President's Ave. be referred to the Full Board.

Moved and carried that Mr. Benj. Pringle be appointed Assistant in Agriculture in place of J. E. Rice resigned, at a salary of \$500 per annum, to take effect at the beginning of the next term.

Moved and carried that Mr. Duncan C. Lee be appointed Assistant Professor of Elocution and Oratory for three years, at a salary of \$1,600 per annum to take effect at the beginning of the next academic year.

Moved and carried that the Treasurer be authorized to refund two-thirds of the tuition fee for the current term to Mr. F. B. Downing, he being obliged to leave the University within a few days after registration.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March 7, 1893.

Present—Trustees Lord, Schurman, Sage, Wm H., Synnott, Williams, and Treman.

On motion Mr. Lord was called to the chair.

Minutes of meetings Feb. 28th and March 4th were read and approved.

Moved and carried that four views of Boardman Hall, the Law School Library, and the Moak Library be included in the published Proceedings of the Dedicatory Exercises, and that 3000 instead of 2000 copies be printed.

Moved and carried that the Treasurer be authorized to make a contract with Gartland of Albany to furnish music for the Woodford Prize Speaking and Commencement Exercises for \$225, including all expenses.

The sale of the East Side Street Railway track, franchise and roundhouse lots for \$19,500, together with a contract from purchasers for the operation of same for five years, the 353 lots along the line of the road being retained by the bond-holders, was reported and the same ratified and confirmed.

Moved and carried, that the Treasurer be authorized to execute and deliver to W. J. Young & Co., a deed for the McGraw & Young lands, in pursuance of contract made by Douglas Boardman, executor, and assigned to Cornell University, taking in payment for the balance due on said contract the note of W. J. Young & Co. with seven shares of Mississippi River Logging Co. stock, and six thousand shares of the stock of W. J. Young & Co., as collateral.

Moved and carried, that the Treasurer be requested to go to New York at his early convenience, for the purpose of meeting Mr. Elliot F. Diggs and others in regard to leasing Harbeck stores.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., March 14, 1893.

Present—Trustees Cornell, Schurman, Synnott, Sage, Wm. H., Lord, Kerr, Carnegie, Williams, Treman, Halliday, and Turner.

Messages were received from Trustees Sibley, Woodford, Hiscock, and Dutcher, regretting their inability to be present.

On motion Mr. Cornell was called to the chair.

Moved and carried that the minutes of the meeting held Nov. 10th and of the Executive Committee Nov. 22d, 1892, to March 7th, 1893, inclusive, be approved as printed.

The following letter was presented :

Mr. E. L. Williams, Secretary of the Executive Committee of Cornell University :

DEAR SIR :—I have the honor to inform you that the University Senate, at a meeting held this day, voted to recommend for confirmation by the Board of Trustees, the nomination presented by the President at a meeting held Feb. 25th of Mr. Ernest W. Huffcut to be Professor of Law in the place of Professor Charles E. Hughes, resigned.

Yours respectfully,

G. C. CALDWELL, Secretary.

Moved and carried that the Board proceed to ballot for a Professor of Law to succeed Professor Charles E. Hughes, resigned. Upon ballot duly had Mr. Ernest W. Huffcut received eleven votes and was declared unanimously elected.

Moved and carried that the salary of Professor Huffcut, be fixed at \$3,000, and that the appointment take effect at the beginning of the next collegiate year.

Moved and carried that all propositions for bringing street cars upon the University Campus any further than at present authorized be rejected.

Ayes and nays being called, resulted as follows : Ayes—Cornell, Schurman, Synnott, Sage, Wm. H., Kerr, Carnegie, Williams, Treman, and Turner. Nays—Lord and Halliday.

Resolved, That the Executive Committee cause to be placed and kept at each entrance to the University estate the following notice : *Private Grounds of Cornell University. No Thoroughfare. Teaming not permitted.* Carried.

The following letter was presented :

ROCHESTER, N. Y., March 13, 1893.

Hon. Henry W. Sage,

President Board of Trustees of Cornell University :

MY DEAR SIR:—In all the official reports given to the public during some time past, touching the needs of Cornell, much stress has been laid upon the importance of providing additional accommodations for the growing classes of Sibley College.

If I understand the condition of things aright, it is the opinion of everybody at Cornell engaged in the direction of affairs at Sibley, that the Mechanic Arts Department has long since outgrown its quarters and requires more room in order that the work may be carried on with a larger degree of direct personal benefit to the students and of convenience to aid in the means of instruction.

While not being myself in a position to do all that seems so necessary, I shall be glad to give some aid in the matter, and to that end I respectfully request that you will lay the following proposition before your Board for their consideration, viz. :

That I will subscribe \$50,000 (Fifty Thousand Dollars) to be expended this present season in the erection of such additions to the present buildings of Sibley College as may seem most desirable to your Board or the Committee to whom the matter may be referred.

Regretting very much my inability to attend the meeting of tomorrow, before which I trust this matter may be brought up for action, I remain, sir,

Very respectfully yours,

HIRAM W. SIBLEY.

Moved and carried that the generous offer of Mr. Sibley be accepted.

Resolved, That in accepting the generous offer of Mr. Hiram W. Sibley to donate fifty thousand dollars (\$50,000) to the University for the erection of such additions to the present buildings of Sibley College as may seem most desirable, this Board, while felicitating the University upon the continuance on the part of his son of the work so nobly inaugurated by the late Hon. Hiram Sibley, put upon record their sincere appreciation of Mr. Hiram W. Sibley's wise and timely generosity, which will enable the Trustees to provide for more effective work in Sibley College, and to extend to larger numbers the blessings of that education in Applied Science which the Founder of Sibley College strove in all ways to promote and support.

The Treasurer made an informal report in regard to progress made in the matter of adjustment of insurance and renting Harbeck stores. On motion report was accepted and the whole matter referred to the Executive Committee.

Plans for the enlargement of Sibley College were presented by Dr. Thurston, and on motion were referred to the Executive Committee with power.

The following was presented and on motion referred to the Executive Committee, with instructions to report with recommendations at the June meeting of the Board :

Resolved, That in its financial dealing with the instructing corps of the University, it is the policy of this Board not to attach an invariably uniform salary to similar grades of office, but to consider the salary of each member of the instructing corps as an individual arrangement between such member and the Board of Trustees.

Resolved, That the Executive Committee be directed to consider and report to the next meeting of the Board whether it may not be wise to fix a future date at which graduate students will be made subject to charge for tuition fees. Carried.

Adjourned.

W. R. HUMPHREY, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 21, 1893.

Present—Trustees Cornell, Schurman, Lord, Williams, Sage, Wm. H., Halliday and Treman.

Moved and carried that Mr. J. N. Fiero be appointed Special Lecturer in the Law School for Spring term, current year, to lecture every second week, at least four days per week, at compensation of \$500.

Moved and carried that the Treasurer be authorized to provide shades for south and east windows of Moak Library room, and also for one or two of the seminary rooms in the Library Building.

Moved and carried that the application of Mr. Geo. B. Shaw of the Ansonia Electric Co. for permission to exhibit the University's Gramme Dynamo at the World's Fair be granted upon condition that he furnish a substitute machine, pay all expenses of taking down and re-setting, transportation charges, etc., and guarantees its safe return to the University.

Moved and carried that the Treasurer be authorized to execute to Messrs. Vanderbilt, Depew and others, proxies for voting at the meetings to be held April 19, the N. Y. C. & H. R. stock held by Cornell University.

Moved and carried that the Treasurer be directed to carry out the provisions of the resolution of the Full Board in regard to posting and keeping notices at the several entrances to the University grounds.

Moved and carried that the several resolutions of the Full Board referring matters to the Executive Committee for consideration and report, be laid on the table for future action.

Moved and carried that the Treasurer be requested to go to New York at his early convenience, there to meet President Schurman for the purpose of investigating matters connected with the Harbeck stores.

Moved and carried that Mr. Halliday be instructed to appear and answer for Cornell University in the Fayerweather Will Case.

Adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 4, 1893.

Present—Trustees Lord, Schurman, Halliday, Sage, Wm. H., Treman and Williams.

On motion Mr. W. H. Sage was called to the chair.

Minutes of meeting held March 21st were read and on motion approved.

Moved and carried that the Director of Sibley College and the Architect be requested to complete plans and specifications for addition to Sibley College Buildings, to be submitted to Mr. Sibley and this Committee for approval.

A report from Dr. Thurston in regard to the steam heating plant and water works was read and on motion laid over until the next meeting of the Committee.

The Treasurer reported that the insurance companies had agreed to unite with the University in an arbitration with E. B. Bartlett & Co. to determine the amount of their claim against Cornell University for loss of rent resulting from the recent fire at Harbeck Stores.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 11, 1893.

Present—Trustees Schurman, Synnott, Sage, Wm. H., Williams, Treman, Lord and Halliday.

On motion Mr. Synnott was called to the chair.

Minutes of meeting held April 4th were read and approved.

Moved and carried that Dr. Chas. H. Hull be appointed Assistant Professor of Political Economy for a term of three years from the beginning of the next collegiate year, at a salary of \$1,400 per annum, to fill vacancy caused by the resignation of Dr. Ross.

Moved and carried that Mr. W. W. Rowlee be appointed Assistant Professor of Botany and Plant Histology for three years from the beginning of the next collegiate year at a salary of \$1,400 per annum.

Moved and carried that leave of absence be granted Professor H. S. White from the end of the winter term of 1894 to the beginning of the fall term of the same year, without diminution of salary, upon condition that provision be made, satisfactory to the President, for

carrying on the work of the German Department and the Dean's Office without extra expense to the University ; the above leave to be accepted in lieu of the Sabbatical year which Professor White would be entitled to.

Moved and carried that after the close of the present year the salaries of Professors Bailey and Atkinson be an equal charge on the Agricultural Experiment Station fund and the University Treasury.

Moved and carried that after the close of the current year \$6,500 of the salaries of professors and instructors in the College of Agriculture be charged to the Congressional Industrial Fund.

On motion the following appointments were made in the Agricultural Experiment Station for the year 1893-4, as recommended by the Experiment Station Council, viz :—

G. C. Watson, Assistant in Agriculture at a salary of \$1,200.

M. V. Slingerland, Assistant in Entomology, at a salary of \$1,200.

G. W. Cavanaugh, Assistant in Chemistry, at a salary of \$800.

F. W. Card, Assistant in Horticulture at a salary of \$750.

A communication from the executors of the Fayerweather estate was read and on motion referred to Mr. Halliday.

Communications from Dr. Thurston and Mr. Hiram W. Sibley in regard to plans for addition to Sibley College were read and placed on file.

A communication from Dr. Thurston in regard to water pumps was read.

Moved and carried that the Treasurer be requested to learn the result of recent experiments with hydraulic rams and if found satisfactory to purchase a supply of rams to supplement the pumps now in use.

A communication from Dr. Thurston in regard to coal, was laid over one week.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 18, 1893.

Present—Trustees Cornell, Schurman, Synnott, Sage, Wm. H., Treman and Williams.

On motion Mr. Cornell was called to the chair.

Minutes of meeting held April 11th were read and on motion approved.

Application of Delta U. Society for temporary use of ground north of Professor Gage's house for tennis court was on motion referred to the President with power.

Moved and carried that leave of absence, without salary, be granted Instructor Geo. B. Preston for the balance of the year.

Moved and carried that an additional Instructor in the Architectural Department be authorized for next year, at a salary not exceeding \$1,000.

Communication from Dr. Thurston in regard to coal was on motion referred to the Treasurer.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 2, 1893.

Present, Trustees Ssge, H. W., Cornell, Schurman, Synnot, Lord, Sage, Wm. H., Treman and Williams.

Minutes of meeting April 18th were read and approved.

Moved and carried, that bill of Fremont Cole for services in the lien suits in connection with the Denny Hotel foreclosure be referred to the chairman with power, to pay not exceeding \$3,000 for all legal services in the matter, outside of the foreclosure proper, the fee for which is provided for in the mortgage.

Moved and carried, that the use of Barnes Hall be granted the Agricultural Association for their annual banquet, subject to the concurrence of the trustees of the C. U. C. A.

A letter from Mr. Hiram W. Sibley stating that he would place at the disposal of the Treasurer of the University, in the Bank of Monroe, \$25,000 on June 1st, and \$25,000 on Sept. 1st, for the erection of the addition to Sibley College was read.

On motion the letter of Mr. Sibley was ordered filed, and the subject of the erection of the new building referred to the Committee on Buildings and Grounds.

Moved and carried, that Assistant Professor Merritt be granted leave of absence for the year 1893-94, without salary, upon condition that arrangements for carrying on the work of the Physics department be made satisfactory to the President.

Moved and carried, that leave of absence be granted Dr. Willcox from the close of his University duties, May 29th, through commencement.

Moved and carried, that law lecturers for the year 1893-94 be appointed as follows :

Judge F. M. Finch, 14 lectures	\$700
D. H. Chamberlain, 8 lectures	400
Judge A. C. Coxe, 6 lectures	300
Goodwin N. Brown, 2 lectures	100
C. E. Hughes, 10 lectures	300
Judge I. G. Vann, 2 lectures	100
	— \$1,900

Moved and carried, that the sum of \$500 be appropriated for the purpose of bringing the Moak library up to date.

Moved and carried, that A. H. R. Fraser be appointed Librarian for the Law School, term of service to begin July 1st, 1893, at a salary of \$750.

Moved and carried, that this committee recommend to the Full Board the appointment of Assistant Professor G. F. Atkinson to an Associate Professorship of Cryptogamic Botany, with salary of \$2,200 per annum.

Moved and carried, that this committee recommend to the Full Board the appointment of Assistant Professor G. W. Jones to an Associate Professorship of Mathematics at a salary of \$2,200.

On motion appointments for the year 1893-4 were made as follows, and at salaries named :

GREEK— <i>Instructor</i> :	
Arthur G. Laird,	\$1,000
LATIN— <i>Instructor</i> :	
Homer J. Edmiston,	750
“ — <i>Assistant Professor</i> :	
H. C. Elmer, three years,	1,800
FRENCH— <i>Instructors</i> :	
W. F. Giese,	1,000
L. E. Lapham,	1,000
C. P. Vergauven,	1,000
H. L. W. Otto,	1,000
ENGLISH— <i>Instructors</i> :	
William Strunk, jr.,	1,000
George H. McKnight,	750
“ — <i>Assistant in English</i> .	
Wilbur C. Abbott,	500
PHILOSOPHY— <i>Instructors</i> :	
Ernest Albee,	1,000
Frank Thilly,	1,000
MATHEMATICS— <i>Instructors</i> :	
Chas. S. Fowler,	1,000
W. G. Rappleye,	1,000
J. H. Tanner,	1,000
P. L. Saurel,	1,000
W. R. Shoemaker,	1,000
“ — <i>Assistant Professor</i> :	
Jas. McMahon, three years,	1,800

PHYSICS—Instructors :	
H. J. Hotchkiss,	1,000
F. J. Rogers,	1,000
Fred Bedell,	1,000
C. P. Matthews,	750
“ — <i>Mechanician :</i>	
Fred C. Fowler,	1,000
CHEMISTRY—Instructors :	
E. M. Chamot,	1,000
F. D. Smith,	750
F. L. Kortright,	750
“ — <i>Assistant :</i>	
B. S. Cushman,	400
“ — <i>Assistant Professor of Organic Chemistry :</i>	
W. R. Orndorff, three years,	1,600
ENTOMOLOGY—Assistant :	
Alex. D. MacGillivray,	750
PHYSIOLOGY AND VERTEBRATE ZOOLOGY—Instructors :	
G. S. Hopkins,	1,000
P. A. Fish,	1,000
HORTICULTURE—Instructor :	
E. G. Lodeman,	1,000
ARCHITECTURE—Instructor :	
L. J. Young,	1,000
CIVIL ENGINEERING—Instructors :	
W. K. Hatt,	1,000
J. E. Hill,	1,000
C. W. Sherman,	1,000
W. E. Mott,	1,000
W. P. Boright,	750
“ — <i>Mechanician :</i>	
W. O. Stubbs,	
“ — <i>Assistant Professor :</i>	
F. P. Spaulding, 1 year,	1 400
PHYSICAL CULTURE—Instructor :	
H. H. Lannigan,	1,000

Moved and carried that the Treasurer be authorized to have a flag walk laid from the main entrance of Morse Hall south to connect with the board walk running to University Avenue.

Moved and carried that the Treasurer be authorized to have a flag walk laid from East Avenue to the President's house.

Moved and carried that \$500 be appropriated for the *Physics Review*.

Moved and carried that \$250 be appropriated to the American School for Classical Studies at Athens for the year 1893.

Moved and carried that authority be granted to Mr. Geo. H. Day to berth vessels at Harbeck pier, until further orders, at the customary rate of wharfage.

Moved and carried that a special meeting of the committee be held at the residence of Mr. H. W. Sage, Saturday, the 6th inst., at 7.30 p. m., for the purpose of discussing the question of tuition fees, and any other questions that may be brought before the committee.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 6, 1893.

Present—Trustees Sage, H. W., Schurman, Synnot, Williams, Sage, Wm. H., Treman and Halliday.

Moved and carried that this committee recommend to the Full Board that Section 13, Statute IV, subdivision "The Treasurer," exempting graduate students from payment of annual tuition fees be repealed, to take effect at the beginning of the collegiate year 1894-5.

Resolved, That this committee recommend to the Full Board that no action be taken at present towards the adoption of a fixed policy in the matter of salaries of officers of the University.

Moved and carried that the salary of Associate Professor C. L. Crandall be increased to \$2500, per annum, to date from the beginning of the collegiate year 1893-4.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 9, 1893.

Present—Trustees Sage, H. W., Schurman, Synnott, Halliday, Williams, Lord, Sage, Wm. H., and Treman.

Minutes of meeting held May 2d and 6th were read and approved.

Moved and carried, that the salary of W. O. Stubbs, Mechanician, be fixed at \$750 per annum, from Aug. 1, 1893.

Moved and carried, that Mr. R. S. Tarr be reappointed Assistant Professor of Geology and Paleontology for the collegiate year 1893-4, at a salary of \$1,700.

Moved and carried, that Mr. A. S. Eakle be appointed Instructor in Geology for the year 1893-4, at a salary of \$1,000.

Moved and carried, that the Treasurer be authorized to purchase a small strip of land at west end of bridge at Dwyer's Dam at cost not exceeding \$200.

Moved and carried, that the use of the Armory and Annex be granted for the Senior Ball, Tuesday evening, June 13th, upon the usual terms and conditions.

Moved and carried, that Mr. D. F. Hoy be appointed Assistant Registrar for one year at a salary of \$900 per annum, with one month's vacation, appointment to take effect July 1st, 1893.

Moved and carried, that the question of reappointments at increased salaries in Sibley College and the Department of Physics be referred to the President, Chairman and Mr. Treman to confer with Doctors Thurston and Nichols, and report.

Moved and carried, that the sum of \$435.49 be appropriated for printing the proceedings at the inauguration of President Schurman.

Moved and carried, that \$25 be appropriated for music at the Junior Prize Speaking.

Moved and carried, that the Treasurer be authorized to accept one-half of the current term's tuition fee from Mr. M. G. Schlapp, he having been obliged to withdraw from the University on May 4th.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 16, 1893.

Present—Trustees Sage, H. W., Schurman, Cornell, Sage, Wm. H., Lord, Halliday, Treman, and Williams.

Minutes of meeting held May 9th were read and approved.

Moved and carried that the whole subject of enlarging the steam heating plant be referred to the Committee on Buildings and Grounds, with power.

Moved and carried that the salaries of lower grade of shop assistants in Sibley College be fixed at \$600 per annum; but that in view of an agreement last year between Dr. Thurston and Assistant Price, \$150 be added to the salary of the latter for the coming year.

On motion appointments were made in Sibley College for the collegiate year 1893-4, as follows:

Machine shop:

James Wiseman, foreman,	\$1400
C. L. Stanton, assistant foreman,	1000

Wood-working Shop:

W. H. Wood, foreman,	1000
Geo. Pollay, assistant,	750
Chas. Price, assistant,	750

Forge:

J. W. Granger, foreman,	1000
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Foundry:

James Vanderhoef, foreman,	1000
Robert Vanderhoef, assistant,	600

Department of Drawing:

H. D. Williams, assistant professor, for 3 years, . .	1600
J. S. Reid, instructor,	1000
H. S. Gutsell, instructor,	1000
F. H. Noyes, instructor,	1000
V. T. Wilson, instructor,	1000

Mechanical Engineering:

A. T. Bruegel, instructor,	1000
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Experimental Engineering:

Geo. B. Preston, instructor,	1000
I. J. Macomber, instructor,	1000

O. G. Heilman, instructor,	1000
A. H. Eldridge, instructor,	1000
C. H. Bierbaum, instructor,	1000
W. F. Raymond, mechanican,	750

On motion appointments were made in the Department of Physics as follows :

A. C. Crehore, Assistant,	\$500
H. E. Lawrence, assistant,	500
F. E. Millis, assistant,	500

Moved and carried, that Dr. Nichols be authorized to nominate an additional Assistan in Physics for next year at a salary of \$500.

A communication dated May 5th, 1893, from Dr. Thurston in regard to increasing the instructing force at Sibley College was on motion accepted and placed on file for future consideration.

Moved and carried, that Mr. Stuart Weller be appointed Assistant in Geology for the coming year, at a salary of \$350.

On motion the question of giving Sage College, Sage Chapel, and the Gymnasium a coat of brick preservative, and of coating the stone copings with a preparation to shed water was referred to the Committee on Buildings and Grounds with power.

Moved and carried, that the Faculty of the School of Law be authorized to appoint Professor Nathan Abbott as one of the Professors in the Summer course in Law.

Moved and carried, that the location of the lot heretofore voted to the Delta Kappa Epsilon society be refered to the Committee on Buildings and Grounds to report.

Moved and carried, that \$25 be appropriated towards the expense of the C. U. C. A. Hand-Book for 1893-94.

Moved and carried, that \$37.50 be appropriated for printing Col. Shaw's Founder's Day Address.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 23, 1893.

Present—Trustees Sage, H. W., Schurman, Halliday, Williams, Lord, Sage, Wm. H., and Treman.

Minutes of meeting held May 16th were read and approved.

The question of location and plans for Dairy Building was on motion referred to the Committee on Buildings and Grounds to report.

Moved and carried that this Committee recommend to the Full Board that Sec. 4, Chap. XIII. of the University Statutes which reads "All women admitted to the University as students are required to room and board at Sage College unless excused for due cause by the Sage College Committee," be repealed.

Moved and carried that the resignation of Mr. W. F. Giese as Instructor in French for the year 1893-4, be accepted.

Moved and carried that Mr. Jacob Segall be appointed Instructor in French for the year 1893-4, in place of Instructor Giese resigned, at a salary of \$1,000.

Moved and carried that the Treasurer be authorized to pay \$50 on account of the debts of the late Miss S. Mina Van Aken.

Resolved, That the question of adjusting the mode of publication of the *School Review*, with a view to relieving the University of financial responsibility, be referred to the Chairman and President with power.

Moved and carried that the title of Dr. Burt G. Wilder be changed to read as follows: Professor of Physiology, Vertebrate Zoology and Neurology.

Moved and carried that the title of Dr. S. H. Gage be changed to read as follows: Associate Professor of Anatomy, Histology, and Embryology.

Moved and carried that Professor B. I. Wheeler be granted leave of absence for the year 1894-5, without diminution of salary, in order that he may accept the Professorship of Greek in the American School of Classical Studies at Athens, it being understood that such leave be accepted in lieu of the Sabbatical year to which he would be entitled next year.

On motion the Treasurer was authorized to order apparatus and chemicals on account of next year's appropriation to the Chemical Department to the amount of \$2,520.

Moved and carried that the Treasurer be authorized to rent the room on the fifth floor of the tower of the Library Building to Professor Comstock at the rate of \$15 per year.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., June 6, 1893.

Present—Trustees Sage, H. W., Schurman, Sage, Wm. H., Williams, Synnott, Treman, and Lord.

Minutes of meeting held May 23d were read and approved.

On motion Mr. Howard Parker Jones, Ph.D., and Mr. Lewis A. Rhoades, Ph.D., were appointed Instructors in German for the collegiate year 1893-4, at salaries of \$1,000.

On motion the resignation of Instructor L. E. Lapham was accepted.

Moved and carried that Mr. Everitt Ward Olmsted be appointed Instructor in French for the collegiate year 1893-4, in place of Instructor Lapham, resigned, at a salary of \$1,000.

On motion Trustee Treman, Professor Hewett, and Mr. C. H. Blood were appointed a Committee on University Dinner.

Moved and carried that the question of changing the inscription upon the tablet on the Memorial Chapel be laid on the table.

Moved and carried that \$280.09 be added to the appropriation to the Anatomical Department for the current year.

Moved and carried that this Committee recommend to the Full Board the adoption of the following as a substitute for Section XIII, Statute 4, viz.: "Holders of Fellowships, Graduate Scholarships, and members of the Instructing Staff, who are pursuing studies in the University, are exempt from tuition fees."

On motion the application of Professor Chas. M. Tyler for permission to sell his house to a Society was denied, on the ground that a precedent in such cases has been established from which the Committee do not deem it wise to depart.

Moved and carried that the price of rooms in Barnes Hall be reduced as recommended by the Trustees of C. U. C. A. The amended schedule being as follows:

Room No. 1	\$1.25 per week, unfurnished.		
" " 2	2.25	"	"
" " 3	2.25	"	"
" " 4	1.50	"	"
" " 5	1.50	"	"
" " 6	1.75	"	"
" " 7	1.75	"	"
" " 8	2.00	"	"
" " 9	1.75	"	"
" " 10	1.50	"	"

Moved and carried that \$350, or so much thereof as may be necessary, be appropriated for the University Dinner.

On motion \$375.43 was appropriated for expenses of moving Moak Library from Albany to Ithaca.

On motion \$3,000 was added to the Fuel appropriation for the current year.

On motion \$700 was appropriated for collection of photographs of the University for exhibition at Chicago and in the Bureau of Education at Washington.

On motion \$114.15 was appropriated for the payment of expenses of Governor Cornell and President Schurman to Washington for the purpose of inviting President Cleveland to the Twenty-Fifth Anniversary.

Moved and carried that hereafter insurance on Harbeck Stores be carried as follows: No.'s 1, 2, 4 and 5, \$30,000 each; No. 3, \$35,000; Pier, \$20,000, and Bulkhead, \$20,000.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 14, 1893.

Present—Trustees Cornell, Schurman, Synnott, Barnes, Hiscock, Lord, Kerr, Williams, Treman, Sage, H. W., and Turner.

Letters regretting their inability to be present were read from Trustees Sibley and Woodford. On motion they were excused.

Minutes of meeting held March 14th were read and on motion approved.

Moved and carried that minutes of the Executive Committee from March 21st to June 6th, inclusive, be ratified and confirmed as printed.

Moved and carried that the Board proceed to ballot for an Associate Professor of Cryptogamic Botany, as recommended by the Executive Committee. Upon ballot duly had, Professor G. F. Atkinson was unanimously elected Associate Professor of Cryptogamic Botany with a salary of \$2,200 per annum.

Moved and carried that the Board proceed to ballot for an Associate Professor of Mathematics, as recommended by the Executive Committee. On ballot duly had Professor Geo. W. Jones was unanimously elected Associate Professor of Mathematics with salary at \$2,200 per annum.

The recommendation of the Executive Committee that no action be taken at present towards the adoption of a fixed policy in the matter of salaries of officers of Cornell University, was on motion accepted as a report of progress, and the matter left in the hands of the Executive Committee for further consideration and report.

Moved and carried that all amendments of the University statutes by the Board of Trustees be adopted by a Yea and Nay vote.

The recommendation of the Executive Committee that Section 4, Chap. 13 of the University Statutes, which requires women students to room and board at Sage College, unless excused by the Sage College Committee, be repealed, was adopted by the following vote : Yeas—Cornell, Schurman, Synnott, Barnes, Hiscock, Lord, Kerr, Williams, Treman, Sage, H. W., and Turner. Nays—none.

The recommendation of the Executive Committee that Section XIII, Chap. 4 of the University Statutes exempting Graduate students from the payment of annual tuition fees, be repealed, and that, as a substitute therefor, the following be adopted, viz. : " Holders of Fellowships, Graduate Scholarships, and members of the Instructing staff who are pursuing studies in the University, are exempt from tuition fees," was on motion recommitted to the Executive Committee for further consideration, and report at a future meeting of this Board.

Moved and carried that the Board proceed to ballot for two Trustees in place of Wm. H. Sage and Gen. Alfred C. Barnes, whose terms have expired.

Upon ballot duly had Wm. H. Sage and Gen. Alfred C. Barnes were re elected Trustees for a term of five years.

Moved and carried that the resignation of Mr. Frank Thilly as Instructor in Philosophy be accepted.

Moved and carried that Mr. F. C. S. Schiller be appointed Instructor in Philosophy in place of Mr. Thilly, resigned, at a salary of \$1,000.

Moved and carried that Mrs. Ellen K. Hooker be re-appointed Lady Principal at Sage College for the next collegiate year, at a salary of \$1,200 and home.

Moved and carried that the resignation of Mr. W. K. Hatt as Instructor in Civil Engineering be accepted.

Moved and carried that Professor E. C. Cleaves be re-appointed Associate Professor of Freehand and Mechanical Drawing for the collegiate year 1893-4, at a salary of \$1,800.

Moved and carried that the resignations of A. C. Crehore and F. E. Millis, as Assistants in Physics, be accepted.

Moved and carried that Messrs. Clement D. Child, Chas. Edward Timmerman and John Sanford Shearer be appointed Assistants in Physics for the year 1893-4 at salaries of \$500.

Moved and carried that Frederic Bedell be appointed Assistant Professor of Physics for a term of three years, at a salary of \$1,800 per annum.

Lists of candidates for graduation and for advanced degrees in the general courses and in the School of Law were presented and on motion accepted, and degrees ordered conferred, as recommended by the several faculties.

The Committee on Buildings and Grounds reported that a contract had been made for a new steam heating system for the University, at a cost of about \$31,000.

The certificate of election of Chas. S. Francis as Alumni Trustee for five years, was presented and ordered on file, and on motion Gen. Barnes and President Schurman were appointed a committee to escort Trustee Francis into the meeting.

Moved and carried that Saturday and Sunday, Oct. 7th and 8th, be fixed as the days for celebrating the 25th Anniversary of the opening of the University.

Moved and carried that Mr. Treman be substituted for Dr. Salmon on the committee for making arrangements for the celebration of the Twenty-fifth Anniversary.

On motion adjourned, subject to the call of the Chairman.

Re-assembled at 2.30 P. M.

Moved and carried, that the Treasurer be authorized to accept bid of W. C. Booth of \$33,067 for rebuilding Harbeck Store No. 3 and repairing No. 2 and No. 4, and to execute contract for same, unless he receives a lower bid from other responsible parties.

Moved and carried, that the Treasurer be authorized to rent Harbeck Store No. 5 and the bulkhead in front of same, for a term of ten years for \$8,000 per annum.

On motion, adjourned subject to the call of the Chairman.

E. L. WILLIAMS, Acting Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 27, 1893.

Present—Trustees Sage, H. W., Sage, Wm. H., Synnott, Lord, Schurman, Tremau and Williams.

On motion, the question of renting Harbeck Stores to Mr. Franklin Woodruff to Oct. 1st next was referred to the Chairman and Treasurer, with power.

On motion, Mr. C. L. Bliss was appointed Assistant in Chemistry for the collegiate year 1893-4 at a salary of \$400.

On motion, Mr. Chas. W. Comstock was appointed Instructor in Civil Engineering for the collegiate year 1893-4 in place of W. K. Hatt resigned, at a salary of \$1000.

On motion, \$36 was appropriated for the purchase of Yale locks for the Seminary rooms in Library Building.

Moved and carried, that \$850 or so much thereof as may be necessary be appropriated for the employment of a cataloguer for the Zarncke Library, and \$300 or so much thereof as may be necessary for the labor of labelling and putting book plates in same, it being understood that the cataloguer will not be employed until after the library is received.

On motion, the following appropriations were made for the expenses of the Library for the year 1893-4:—

Librarian, G. W. Harris,	\$2,800 00	
Assistant Librarian, A. C. White,	1,600 00	
Assistant Librarian, W. H. Austin,	1,200 00	
Librarian of White Library, G. L. Burr,	600 00	
First Cataloguer, M. Fowler,	800 00	
Cataloguer, G. Van Dusen,	550 00	
Assistant in Reference Library, L. N. Nichols,	480 00	
Assistant in Accession Dept., E. L. Hinman,	480 00	
Temporary copyists in Catalogue Dept.,	300 00	
Work of labelling, inserting book-plates, etc.,	200 00	
Three Pages, { C. Rawlinson, \$168		
{ W. Rawlinson, 168		
{ A. Howe, 168	504 00	
Two Janitors, { F. F. Davis, \$360		
{ J. W. Register, 360	720 00	
	<hr/>	\$10,234 00

Amount brought forward,	\$10,234 00
Library Bulletin and other printing,	450 00
Stationary, postage, express, freight,	400 00
Binding periodicals and repairs to books in use,	1,500 00
Purchase of books and periodicals, income of Sage Endowment Fund at 5 per cent.,	15,000 00
Purchase of books for White Library (by terms of gift),	800 00
Services of Mr. A. V. Babine in preparing catalogue of White Library for the press (from special fund),	600 00
Total,	<u>\$28,984 00</u>

On motion, the request of Professor Crandall for permission to order a Testing Machine at a cost of about \$3,000 to be paid for partly from the unexpended balance of this year's appropriation to the College of Civil Engineering, and the balance from next year's appropriation to said college was granted.

On motion, the Treasurer was authorized to subscribe for the \$5,000 of the increased capital stock of the N. Y. C. & H. R. R. Co. to which the University is entitled.

On motion, \$97.45 was appropriated for the payment of expenses of Governor Cornell to Washington on account of the Twenty-fifth Anniversary celebration.

On motion, the Treasurer was authorized to refund the tuition of Mr. W. L. Bonsal for the spring term, he having been obliged by sickness to leave the University immediately after registration.

On motion \$60 was appropriated for the expenses of delegates to the University Convocation at Albany.

The Treasurer reported having made, under authority conferred by the Board, contract with Mr. W. C. Booth of Brooklyn, for rebuilding Harbeck Store No. 3, and repairing No. 2 and No. 4, at a cost of \$33,067.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., July 13, 1893.

Present—Trustees Schurman, Sage, Wm. H., Synnot, Treman, Lord, and Williams.

On motion, Mr. Lord was called to the chair.

Minutes of meeting June 27th were read and approved.

Moved and carried, that there be authorized in the Department of Chemistry, for the year 1893-4, six assistants, or four assistants and one instructor.

Moved and carried, that the observatory buildings south of Lincoln Hall be removed to the north side of the road.

Moved and carried, that the purchase of 2,500 additional copies of the State Educational Exhibit, No. 23, of Cornell University, be authorized upon the same terms as the 5,000 copies were obtained.

Moved and carried, that Mr. M. T. Hand be permitted to carry on studies in Sibley College during the present vacation, upon the payment of the usual shop fee and \$42 tuition; and that the question of counting the time so put in be referred to the Faculty.

Moved and carried, that not exceeding \$150 be appropriated for the purchase of material for Professor Tarr's course in Physical Geography.

Moved and carried, that without prejudice to the resolution passed Oct. 1, 1890, Assistant Professor Hammond be informed that this Committee see no objection to his purchasing a house upon the Campus.

Moved and carried, that two assistant librarians, at salary of \$100 each, be authorized for the Law School.

Moved and carried, that a supplementary appropriation of \$200 be made to defray the expenses of Professor C. E. Bennett in moving to Ithaca.

A communication from Professor A. N. Prentiss in regard to a

sewer, was, on motion, referred to the Committee on Buildings and Grounds to examine and report.

Moved and carried, that the Treasurer be authorized to loan Messrs. W. J. Young & Co. such part of funds now on hand as will not be needed for current expenses.

Moved and carried, that Professor Osborne's bill of \$1,600, for plans and specifications Sibley College Extension, be paid.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., July 27, 1893.

Present—Trustees Sage, Wm. H., Williams, Treman, Lord, Schurman, and Halliday.

Trustee Wm. H. Sage was called to the chair.

Moved and carried, that the use of the Library be granted for a reception by the Faculty of the Summer School.

Moved and carried, that the bid of Collingwood & Donaldson, of Buffalo, N. Y., for the construction of the Agricultural Building be accepted; that President Schurman be authorized to execute the contract, and that the Committee on Buildings and Grounds be empowered to let all other contracts necessary to complete said building.

A letter from Dairy Commissioner Schraub, approving the plans for the Agricultural Building, was presented and placed on file.

On motion, adjourned.

R. H. TREMAN, Sec'y, *pro tem*.

ITHACA, N. Y., Aug. 8, 1893.

Present—Trustees Sage, H. W., Schurman, and Lord.

The following report was accepted and adopted:

The Committee to whom was referred the question of relieving the University of all responsibility for the publication of the *School Review*, report that they have transferred the said *Review* to Mr. C. H. Thurber on the following conditions, namely, that Cornell University receive all subscriptions taken and pay all expenditures incurred up to June 30, that subsequent subscriptions shall go to Mr. C. H. Thurber, who is to issue the four remaining numbers of the year for which the University would have otherwise been responsible, and that the University will pay \$320 for an advertisement to be inserted in each of these four issues, being \$80 for each issue.

President Schurman and Mr. Thurber have arranged between themselves to edit the *Review* jointly.

H. W. SAGE,
J. G. SCHURMAN.

Moved and carried, that Miss Mary I. Crandall be appointed cataloguer of the Zarncke Library, at a salary of \$800, date at which appointment is to go into effect to be fixed by the Librarian.

Moved and carried, that Mr. J. Nat. Hutchins be appointed Instructor in Architecture for the collegiate year 1893-4, at a salary of \$1,000.

Moved and carried, that the salary of Assistant Professor W. F. Willcox be increased to \$1,600, and that his title be changed from Assistant Professor of Social Science and Statistics and Political Economy to Assistant Professor of Social Science and Statistics.

Moved and carried, that Mr. Lucius S. Merriam be appointed Instructor in Economics for the year 1893-4, at a salary of \$1,000.

Moved and carried, that \$100 be appropriated to the Department of Political Economy for the purchase of material for the statistical offices.

President Schurman reported that the contract for the Agricultural Building had been let to Messrs. Collingwood & Donaldson at

.....	\$39,465 00
This to cover everything except	
Boiler	767 00
Engine	306 00
Furniture	1,050 00
Cheese and Butter Equipment	4,000 00
Freight and Cartage	100 00
Shafting and Setting	400 00
Architect's Fees	2,300 00
	<hr/>
Total	\$48,388 00

Moved and carried, that the Treasurer be authorized to run a one-inch pipe from water main to the Horticultural Forcing House.

Moved and carried, that the Treasurer be authorized to put electric lights in Cascadilla halls.

On motion, adjourned.

E. L. WILLIAMS, Secy.

ITHACA, N. Y., Sept. 16, 1893.

Present—Trustees Sage, H. W., Lord, Schurman, Halliday, Tremen, and Williams.

Minutes of Meetings held July 13th and 27th and Aug. 8th were read and approved.

Moved and carried, that Dr. C. M. Tyler be permitted to assign and transfer the lease of his lot on South Ave. to Professor Alfred Emerson.

Moved and carried, that Mr. F. J. Moore be appointed Instructor in Chemistry for the collegiate year 1893-4, at a salary of \$750.

Moved and carried, that the title of Dr. G. C. Caldwell be changed to Professor of General Chemistry and of Agricultural Chemistry.

Moved and carried, that the title of Professor W. R. Orndorff be changed to Assistant Professor of Organic Chemistry.

Moved and carried, that the title of Professor J. E. Trevor be changed to Assistant Professor of General Chemistry and of Physical Chemistry.

Moved and carried, that \$550 be appropriated for fitting up rooms in the Chemical Laboratory, in accordance with the request of Dr. Caldwell of Sept. 15.

Moved and carried, that the President be authorized to order 2,500 additional copies of the Hand-book for distribution at the Chicago Exposition.

Moved and carried, that Mr. M. A. Federspiel be appointed examiner in American History, at a salary not exceeding \$200.

Moved and carried that the Fall meeting of the Board of Trustees be called for Friday, Oct. 6, at the usual time and place.

A letter from the Librarian in regard to the condition of the roof of the Library Building was read and filed.

On motion, the action of the Treasurer in charging the cost of the *School Review* to advertising account was approved.

Moved and carried, that Emmons L. Williams, Treasurer of Cornell University, be and is hereby authorized to receive and receipt for any and all funds appropriated by the Legislature of the State of New York for the erection of a building for instruction in Dairy Husbandry, and the equipment thereof, upon the grounds of Cornell University, under Chapter 726, Laws of 1893.

Moved and carried, that the purchase of equipment for the Agricultural Building be referred to the Committee on Buildings and Grounds, with power.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Sept. 26, 1893.

Present—Trustees Sage, H. W., Schurman, Lord, Treman, Halliday.

Minutes of meeting held Sept. 16th were read and approved.

The President reported that the salary of Mr. M. A. Federspiel had been fixed at \$150.

Moved and carried that Mr. W. T. VanBuskirk be appointed Assistant in Chemistry for one year at a salary of \$400.

Moved and carried that Mr. W. F. Head be appointed Assistant in the Blacksmith Shop for one year at a salary of \$600.

Moved and carried that the bust of Judge Boardman be accepted, that the Treasurer be authorized to pay the balance of the contract price for the same, and that the bust be placed in Boardman Hall by Architect Miller, under direction of Trustee Williams.

Moved and carried that societies or individuals in order to hold lots granted upon the Campus must execute lease and begin building operations within six months from the date of grant.

Moved and carried that no lots north of South Ave. be hereafter granted to Fraternities.

Moved and carried that the Treasurer be authorized to send the Seattle, Lake Shore & Eastern bonds held by Cornell University to Manhattan Trust Co., to be put under control of the Bondholders' Committee.

Moved and carried that the Treasurer be authorized to pass upon the acceptance of the work on Harbeck stores.

Moved and carried that the Treasurer be authorized to lease the lot at SE. corner of South and West Avenues, seventy-five feet on South Ave. by one hundred and twenty-five on West Ave. to the D.

K. E. Society, provided the Sigma Chi Society, to whom said lot was granted, will release it.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Oct. 3, 1893.

Present—Trustees Sage, H. W., Sherman, Williams, Synnot, Halliday, Treman and Lord.

Minutes of meeting held Sept. 26th were read and approved.

A communication from Prof. E. A. Fuertes explaining the circumstances connected with the manufacture of a set of models by the Engineering Department for Rutgers' College was read and ordered on file.

Moved and carried that Prof. J. L. Morris be granted a leave of absence for two weeks from Oct. 9th.

On motion Trustee Treman was appointed member of the Library Council for the year 1893-4.

On motion Mr. H. H. Denham was appointed Assistant in Chemistry for the year 1893-4 at a salary of \$400.

The following letter was read and ordered spread upon the minutes :

ITHACA, 2 Oct., 1893.

The President and Trustees of Cornell University :

GENTLEMEN :

It is my desire, with your consent, to establish in connection with the University Library a memorial of my wife, Lucy Thurber Harris.

I therefore wish to place in your hands the sum of \$1,000 to constitute a library fund to be known as the Lucy Harris Fund, the income to be expended each year, as far as may be, in the purchase of English Poetry of the Victorian Era, in which she was especially interested, and of the biography and criticism connected therewith.

I do not wish to impose any conditions which might only hinder the purpose of the gift. I make, however, the following suggestions, some of which may, perhaps, seem to you desirable to adopt :

1. A portion of the income may, at the discretion of the librarian, be spent for binding or rebinding books purchased from the fund.
2. If considered advisable, in order better to accomplish the object of the fund, the income may be allowed to accumulate for a period not exceeding three years.
3. If, at some future time, the restriction of the fund to the Victorian poets may seem to have become too narrow, its scope may be extended to include all English literature of the Victorian age.

In asking, at this time, your acceptance of this fund, which it is my hope later to make more adequate to its purpose, I wish to take advantage of the approaching celebration of the twenty-fifth anniversary of the opening of the University to manifest in this way my grateful sense of the debt I owe to my Alma Mater.

I have much pleasure in handing you my cheque for \$1,000, for the purpose herein named.

Very respectfully yours,

GEO. W. HARRIS.

Resolved, That the gift of Mr. Geo. W. Harris of \$1,000, as a library fund, to be known as the Lucy Harris Fund, be accepted in accordance with the conditions named in the foregoing letter, and that the Secretary be instructed to express to the generous donor the sincere thanks of this board.

Moved and carried, that Mr. David Reid be appointed Instructor in Drawing and Designing in Sibley College for the year 1893-94 at a salary of \$750.

A communication from Dr. Thurston in regard to the steam heating plant and the employment of a chief engineer, was read and filed.

On motion, the following appointments were made in Sibley College :

Wm. Westcott, second electric light engineer, and Tracy Hiscock, fireman in charge of Sibley College boilers, at salaries not exceeding \$50 per month each.

Moved and carried, that in the matter of charging tuition fees to Graduate Students, which was recommitted to this Committee for consideration and report, this Committee renew its recommendation made to the Board of Trustees on June 14th, 1893.

Moved and carried, that Professor S. B. Newbury be granted permission to assign the lease of his lot upon the Campus to Miss Caroline G. Von Utassy.

Moved and carried, that the Treasurer be authorized to make the customary payment of \$250 toward the support of the American School for classical studies at Athens for the current year.

Moved and carried, that the Treasurer be authorized to employ an additional assistant in his office at a salary not exceeding \$750.

Moved and carried, that the Treasurer be authorized to lease the bakery in the basement of Cascadilla on the best terms obtainable.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Oct. 6, 1893.

Present—Trustees Cornell, Schurman, Synnot, Barnes, Lord, Williams, Treman, Sage, H. W., Halliday, Turner and Francis.

A letter from Trustee Kerr regretting his inability to be present, was presented and on motion he was excused.

Minutes of meeting of June 14th were read.

Moved and carried, that the record of the approval of the minutes of the Executive Committee be amended to read as follows :

“Moved and carried, that the minutes of the Executive Committee from March 21st to June 6th inclusive, be approved and the acts of the Executive Committee be ratified and confirmed.”

On motion, the minutes of June 14th as amended were approved.

Moved and carried, that the records of the Executive Committee from June 27th to date be approved as printed, and the acts of said Committee ratified and confirmed.

The President submitted his Annual Report, which was accepted and placed on file.

Moved and carried, that the President be requested to have prepared a suitable amendment to our Charter, adding to the number of Trustees, and providing that the Commissioner of Agriculture shall be a member of the Board.

The Treasurer's Report was presented and on motion accepted and placed on file.

The following report was presented and on motion adopted :

APPROPRIATIONS 1893-4.

The Committee on Appropriations recommend appropriations for the year 1893-4 as follows :

Reappropriations to complete contracts of last year.

Advertising,	\$ 196 82
Agricultural,	565 45
Agricultural Experiment Station,	2,095 32
Architectural,	47 93
Congressional Ind. Fund—Agricultural,	278 56

Civil Engineering,	1,559	18	
Greek,	218	09	
Law Library,	143	77	
Library,	1,717	96	
Law School Building,	600	00	
Mechanical,	4,281	14	
Military,	34	51	
Mathematical,	125	00	
Student Loan Fund (Bal. unexpended of Schol. and Fel.),	800	95	
Archæological Museum,	1,929	11	
Mechanical Laboratory,	652	69	
Memorial Tablets and Busts,	450	00	
House for Fire Apparatus,	500	00	
Physical Review,	443	32	\$16,639 80

Appropriations 1893-4.

Advertising,	\$	1,000	00
Agricultural,		4,000	00
American History Seminary,		200	00
Anatomical,		1,870	00
Archæological,		670	00
Architectural,		1,200	00
Barnes Hall Expense,		650	00
Bell Ringing,		150	00
Botanical,		2,500	00
Care of Buildings,		5,600	00
Care of Grounds,		2,500	00
Chemical,		8,250	00
Chemical (Fitting Rooms),		550	00
Civil Engineering,		4,100	00
'86 Memorial Prize,		30	00
Congressional Industrial Fund—Agricultural,		9,500	00
“ “ “ —Mechanical,		9,500	00
Contingent,		8,000	00
Dean Sage Sermon Fund,		2,000	00
Entomological,		800	00
Electric Light and Power,		3,000	00
French,		150	00
Fuel,		9,000	00
Geological,		500	00
Greek,		100	00
German,		100	00
Heating Labor,		3,000	00
Horticultural,		1,455	00

Insurance,	5,500 00
Latin,	100 00
Law Library,	1,675 00
Law School Expense,	1,145 00
Law School Prize,	170 00
Library,	29,784 00
Mechanical,	15,700 00
Mathematical,	275 00
Military,	450 00
Mrs. A. S. Barnes Prize,	60 00
Padgham Scholarship,	150 00
Physics Review,	1,956 68
Psychological Laboratory,	600 00
Physical Culture,	700 00
Physical,	5,000 00
Printing and Stationery,	3,000 00
Philosophical Review,	2,000 00
Register,	2,100 00
Repairs,	6,000 00
Sage Chapel Expense,	350 00
Sage Fund,	10,750 00
Sage School Philosophy,	200 00
Salaries,	232,750 00
Scholarships and Fellowships,	15,800 00
Sibley Prize,	155 00
Veterinary,	100 00
Water Works,	500 00
White Veterinary Prize,	30 00
Woodford Medal Fund,	100 00
Agricultural Experiment Station,	15,000 00
Steam Heating Plant,	35,500 00
Taxes Denny Hotel,	14,200 00
Debt to Land acc't,	75,636 00
	<hr/>
	\$574,451 48
Estimated income 1893-4 (See Treasurer's Report page 29)	467,621 60
Probable deficit for year,	\$106,829 88

Respectfully submitted,

J. G. SCHURMAN,
H. W. SAGE,
H. B. LORD.

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

We are near the end of receipts from our Land Grant. The pine, valued at \$150,606 is scattered, in small groups, and less saleable than that previously sold. The farming and cut lands will go slow, as they are wanted for settlement, but it will not do to hurry them. The hard wood timber will all be wanted, and by careful management, we shall get in eight or ten years, the monetary value and cost of carrying—pushed to a quick sale they would not produce half the money. From this source, therefore, income will come slowly after the pine is sold—but the care and good management heretofore used will surely produce our estimated values.

As hereinbefore stated the net profits on sales of this property have been \$4,196,617.86. This without credit for interest account received over and above interest on disbursements, which we have not estimated, but it is certainly not less than \$750,000. As we take leave of this vast source of income for Cornell, the question from whence shall come capital for always increasing necessities, is a very serious one. Income from interest on our investments will certainly decrease, and in a few years their maximum products will not exceed $4\frac{1}{2}$ to 5 per cent. This means a reduction of income from present investments of not less than \$60,000 to \$70,000 annually. We must, therefore, replace this loss of income by gifts from individuals, or from the State; or must make our expenses less, by economy so stringent that our career of usefulness as educators of the first rank, will be seriously crippled. We cannot maintain position in the first rank of progressive institutions without capital largely in excess of that we now have in hand, or in prospect. The product of one million dollars at 5 per cent., added to our capital *now*, would not more than keep our present income good for the next ten years.

From all this it follows that a wise and prudent use of that we have is an imperative necessity, and that if we would have increased usefulness in the future, we must be active and alert in attracting to our Treasury the capital needful for necessary work. This is not a hopeless task as the recent history of Harvard and Yale clearly shows. Hope, and faith, and works added to such competent administration of our affairs as shall justly inspire confidence in those who have power and purpose to help good works, will provide for our wants, and keep us moving steadily upward and onward. But in a purpose so largely dependent on faith, we should never forget that "Faith without works is dead," and that we cannot relax wisely directed effort to attain all needful financial power for keeping alive the vigor and usefulness of this great University.

Respectfully submitted,

H. W. SAGE,
E. L. WILLIAMS,
Land Committee.

Ithaca, Oct. 6, 1893.

The following was presented :

WHEREAS, our appropriations for Current Expenses of 1893-4 and debts past due are \$106,829.88 in excess of resources, and

WHEREAS, there has been passed to the credit of the
 Agricultural Hall Building Fund, \$67,657 85
 and 11,125 00

Making Total \$78,782 85

And we have to the credit of Surplus Fund, . 51,638 25

which sums if added to present resources will create a surplus of \$23,591.22, which we shall need for current expenses, therefore,

Resolved, That for the purpose of paying our debts and providing for other necessities the above named sums be transferred to the credit of the general fund.

Moved by Mr. Cornell that consideration of the resolution be postponed until the next meeting of the Board.

Ayes and nays being called, resulted in the motion to postpone being lost by the following vote :

Ayes—Cornell, Turner. Nays—Schurman, Synnott, Francis, Barnes, Lord, Treman, Sage, Halliday.

The resolution as offered was then adopted, Mr. Cornell voting in the negative.

Moved that Section 13, Article 4 of the University Statutes be repealed, and that there be substituted therefor the following :—

“Members of the instructing staff, who are pursuing studies in the University are exempted from the payment of tuition fees.”

Carried by the following vote :

Ayes—Cornell, Schurman, Synnott, Francis, Barnes, Lord, Williams, Treman. Nays—Sage, Turner.

Moved, that Section 2, Article 15 of the University Statutes be amended to read as follows :

“The President White Fellowships in History and Political and Social Science have an annual value of \$600 each, the others have an annual value of \$500 each ; the money being payable to the holders thereof in three equal parts ; one part on the 15th of December, one on the 15th of March, and one on the 15th of June.” Carried by the following vote :

Ayes—Cornell, Schurman, Synnott, Francis, Barnes, Lord, Treman, Halliday, Turner. Nays—Sage.

Moved that Section 1, Article 16 of the University Statutes be amended to read as follows :

“There have been established by the University thirty-six University Scholarships for under-graduates, each of the annual value of \$200, and six Susan Linn Sage Scholarships for Graduate Students, each of the annual value of \$300.” Carried by the following vote :

Ayes—Cornell, Schurman, Synnott, Francis, Barnes, Lord, Treman, Halliday, Turner. Mr. Sage not voting.

Moved and carried, that there be established five additional fellowships each of the annual value of \$500, and ten additional Scholarships for Graduate Students each of the annual value of \$300.

Moved and carried, that all the foregoing legislation in regard to Scholarships and Fellowships shall go into effect at the beginning of the University year 1894-5.

Moved and carried, that the salaries of Dr. G. C. Caldwell and Professor T. F. Crane be increased from \$3,000 to \$3,500 each.

Moved that Article 6 of the University Statutes entitled "The University Senate" be repealed. Carried by the following vote:—

Ayes—Cornell, Synnott, Francis, Barnes, Lord, Treman, Sage, Halliday, Turner. President Schurman not voting.

Moved that Section 4, Article 3 of the University Statutes be repealed and that Sections 2 and 3 of Article 3 be amended to read as follows:

III.—THE PRESIDENT.

1. The President is the head of the educational departments of the University, and of each of them.

2. In the absence of special provisions, he is the medium of communication between the Trustees and the officers of instruction and the Faculties.

3. Before action affecting any department, he shall consult with the professors thereof in respect to the necessities of such department and the best modes of supplying the same. It shall be his duty to determine, with the approval of the Executive Committee, the appropriate duties and labors of all officers of instruction; to nominate to the Board of Trustees or, as provided in Sec. II, Art. I, to the Executive Committee, all officers of instruction; to see that all officers of instruction are doing a proper amount and satisfactory quality of work; to provide that lecture and recitation rooms are as much and as economically used as successful work will permit; to aid, so far as he may, in keeping the expenses of the University within its income; and, subject to other regulations made or to be made, to watch over and care for the buildings, apparatus, libraries, and other property; and in all ways by his reports and conduct to seek to protect the property and promote the welfare of the University.

Carried by the following vote:—

Ayes—Cornell, Synnott, Francis, Barnes, Lord, Sage, Treman, Halliday, Turner. President Schurman not voting.

Moved and carried, that the Executive Committee be requested to adopt such measures as it may deem wise with reference to presenting to the Legislature the necessity of the University for State aid.

Petitions from the Ithaca Street Railway Co. and from Professors and students, asking that the Electric Road be permitted to come upon the Campus as far as President's Avenue were presented.

Moved and carried, that the matter be laid upon the table.

On motion adjourned.

E. L. WILLIAMS, Acting Sec'y.

ITHACA, N. Y., Oct. 10, 1893.

Present—Trustees Sage, H. W., Schurman, Lord, Synnott, and Treman.

Resolved, That \$100 be and is hereby appropriated for the purchase of tables, shelves and chairs in the Greek and Latin Seminary rooms. Carried.

Resolved, That 1,000 copies of the proceedings connected with the celebration of the twenty-fifth anniversary be printed, and that the President and Mr. Treman be and hereby are appointed a committee to have same printed and distributed. Carried.

Resolved, That the matter of employing a Superintendent of the Steam and Water Powers of the University, be referred to the Chairman of the Board, with power. Carried.

On motion adjourned,

R. H. TREMAN, Secretary *pro tem*.

ITHACA, N. Y., Oct. 17, 1893.

Present—Trustees Sage, H. W., Schurman, Lord, Synnott, Halliday, and Treman.

Minutes of meeting held Oct. 10th were read and approved.

The Chairman reported that under authority conferred by the Committee he had employed Mr. M. A. Willis as Superintendent of the University Steam and Water plants.

Moved and carried, that appointments to fill vacancies in State Scholarships dated subsequent to the date when tuition for any term is due and payable, shall be accepted at the beginning of the term following.

Moved and carried, that amount of insurance on Harbeck Stores be placed at \$35,000 each on Stores No. 1, No. 2, No. 4 and No. 5, and \$40,000 on Store 3.

Moved and carried, that Professors E. L. Nichols and C. E. Bennett be elected members of the Library Council, in accordance with nomination by the Faculty.

Moved and carried, that the Treasurer be authorized to have water pipes carried to the draughting room on fourth floor of Morrill Hall.

Moved and carried, that Professor J. W. Jenks be granted the use and control of the plot of land lying between his lot and Cornell Avenue until such time as it may be required by the University.

Moved and carried, that Mr. E. G. Lodeman be made Assistant in Horticulture in the Agricultural Experiment Station, for the remainder of the year 1893-4, at a salary of \$300 per year, in place of Mr. F. W. Card, resigned, and that the balance of the salary of Mr. Card (\$325) be allowed to the department of Horticulture for the payment of additional labor, as recommended by the Experiment Station Council.

Moved and carried, that appropriation to Agricultural Experiment Station for '93-4 be divided as follows, viz :

Salaries already appropriated,	\$10,050 00
Division of Agriculture,	600 00
" " Botany,	400 00
" " Chemistry,	150 00
" " Entomology,	300 00
" " Horticulture,	800 00
Printing and Office Expenses,	3,200 00
Contingencies,	347 18
	<hr/>
Total,	\$15,847 18

As recommended by the Experiment Station Council.

Moved and carried, that the five fellowships and ten scholarships recently established be not at present appropriated to any particular department, but be awarded by vote of the General Faculty.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Oct. 24, 1893.

Present—Trustees Schurman, Lord, Synnott, Williams, Treman, and Halliday.

On motion, Mr. Lord was called to the chair.

Minutes of meeting held Oct. 17th, were read and approved.

The distribution of the book funds among the various departments recommended by the Library Council was approved.

The recommendation of the Library Council that students of all classes be allowed to take to their rooms after 4 o'clock on the afternoon of Saturdays, or of a day immediately preceding a holiday on which the Library is closed, any books that do not belong to the

classes known as general reference, special reference, or seminary books, under the following regulations, viz :

1. Each student can take but one volume, or two in case the work is in two or more volumes.

2. Every volume taken out under this regulation shall be returned before 9 o'clock in the morning of the first following day on which the Library is open ; in default of which the student shall pay a fine of ten cents and forfeit the privilege for four weeks.

3. The right of withholding rare or unsuitable books from circulation is reserved.

Was on motion approved.

The request of Dr. Thurston for the appointment of Mr. L. K. Malvern as Assistant in Drawing was on motion referred to the President to report.

On motion, the Treasurer was authorized to purchase four additional alcove tables for the Moak Library room at a cost of \$16.00.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Oct. 31, 1893.

Present—Trustees Sage, H. W., Schurman, Halliday, Williams, Lord, Synnott, and Treman.

Minutes of meeting held October 24th were read and approved.

Moved and carried, that the Treasurer be authorized to build a substantial board fence on the south line of the Cascadilla property, leaving a 16 ft. gate in the center of the water reservation just west of William Hazlett Smith's house.

Moved and carried, that the Treasurer be authorized to adjust the line between Arad Beach and the University, giving a narrow strip along the University's south line in exchange for the land embraced in that part of the five rod water reservation east of Professor Corson's line, area for area, and to execute the necessary deed therefor.

Moved and carried, that since Dr. Thurston has already engaged Mr. L. K. Malvern as Assistant in Drawing, that the Executive Committee authorize Mr. Malvern's employment for the current term, salary to be paid from the Mechanical appropriation.

The use of the Armory for six military hops to be given during the year by the officers of the Corps of Cadets was, on motion, granted on the usual terms and conditions.

The application of Professor Moses Coit Tyler for an Instructor in American History was, on motion, laid on the table.

Moved and carried, that there be purchased for Sage College a piano at a cost not exceeding \$240, and that the young women of the University be allowed the use of same at a fee to be fixed by the Treasurer.

Moved and carried, that the communicatton from the Professor of Agriculture be made a special order for the next meeting.

Moved and carried, that Mr. F. Starkins be appointed Assistant in the Machine Shop in place of Max Hibler, at a salary of \$40 per month.

Moved and carried, that the subject of water pipes on Cornell Avenue be referred to the Chairman of the Board with power.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov., 7, 1893.

Present—Trustees Sage, H. W., Schurman, Lord, Williams, and Treman.

Minutes of meeting of Oct. 31st were read and approved.

Moved and carried that Wm. Hazlett Smith be permitted to build a post and chain fence at his own expense between his property and the University's on part of the west and north lines, as directed by the Treasurer.

Moved and carried, that a fee of ten dollars be charged to all students taking the course in Dairy Husbandry.

Moved and carried, that not exceeding \$3,150 be appropriated for defraying the cost of instruction and material in the course of Dairy Husbandry.

Moved and carried, that the President be authorized to communicate with the Commissioner of Agriculture, and inquire if a man can be detailed during the winter to give instruction in cheese making at the University.

Moved and carried, that the Theta Delta Chi Society be tendered a building lot, upon the usual terms to societies, in the southwest corner of the University estate, running about 125 feet on the west line and about 105 feet east and west.

Moved and carried, that after the present term, the afternoon service in Sage Chapel be discontinued.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov., 14, 1893.

Present—Trustees Sage, H. W., Schurman, Lord, Treman, Williams, and Halliday.

Minutes of meeting of Nov. 7th were read and approved.

Moved and carried, that the Treasurer be directed to close the Dwyer bridge until such time as it shall be made safe.

Moved and carried, that the Treasurer be directed to repair the railing along the foot-path on the south side of Fall Creek.

Moved and carried, that \$300, or so much thereof as may be necessary, be appropriated to defray the expenses of expert instruction in cheese making during the winter term.

Moved and carried, that the resolution passed at the last meeting be amended to read as follows :

“ A fee of \$10 shall be charged to all students taking the course in Dairy Husbandry ; but students taking one-half the course, that is, either butter making or cheese making, shall be charged a fee of \$5.00.”

Moved and carried, that the communication from Professor Roberts in regard to changing the Dairy House into two cottages for farm laborers be referred to the Committee on buildings and grounds to report.

Moved and carried, that the rule adopted Oct., 17th in regard to appointments to vacancies in State Scholarships shall take effect at the beginning of the year 1894-5, and that the Treasurer be authorized to refund any moneys collected from students appointed to fill vacancies for the current year.

Moved and carried, that permission be granted the Junior Ball Committee to hold the annual ball in the Armory on Feb. 2, 1894, upon the usual terms and conditions.

Moved and carried, that the sincere thanks of the Executive Committee be extended to ex-President Andrew D. White for his generous gift of the Spinoza Library.

Moved and carried that the Executive Committee accept with sincere thanks the gift of Professor E. A. Fuertes of \$1,000, the income upon which is to be expended annually for two gold medals to be awarded as prizes in the College of Civil Engineering ; that said medals be called the Fuertes Medals, and that the terms of making the award be referred to the President and Professor Fuertes.

Moved and carried that the use of the Armory Annex be granted without charge for the Faculty receptions.

Moved and carried that the Treasurer be authorized to purchase and put in at the boiler house a platform scale.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 18, 1893.

Present—Trustees Sage, H. W., Schurman, Synott, Halliday, Lord, Treman and Williams.

Moved and carried, that the subject of obtaining legislation in favor of the University during the coming winter be referred to a Committee consisting of the President and Trustees Francis, Treman and Halliday, with power.

Moved and carried, that the Treasurer be authorized to place insurance in the amount of \$30,000 upon the new Sibley building and \$30,000 upon the Agricultural building when these buildings are completed and delivered to the University.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 21, 1893.

Present—Trustees Sage, H. W., Schurman, Lord, Williams and Halliday.

Minutes of meetings held Nov. 14th, and 18th, were read and approved.

Moved and carried, that the request of Mr. C. J. Buchanan for the return of forty-nine or fifty volumes of Printed Cases which belonged in the office of Messrs. Moak & Buchanan, and which were sent to the University with the Moak Library, be granted.

Moved and carried, that the Winter Meeting of the Board of Trustees be held on Wednesday the 31st of Jan., 1894.

Moved and carried, that the Archæological Museum be formally opened on Jan. 31st next, and that all arrangements for such opening be referred to a committee of two, of which the Chairman shall be one, with power. The Chair appointed as the other member of the committee President Schurman.

Resolved, That Professor Burr be requested to edit for the University, in co-operation with the Trustees' Committee on Publication, a volume containing the Addresses and Proceedings at the Twenty-Fifth Anniversary of the Opening of the University. Carried.

A communication from the University Board of Health in regard to sewerage was on motion referred to Trustee Williams to report.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Nov. 28, 1893.

Present—Trustees Sage, H. W., Schurman, Williams, Lord, Sage, Wm. H., Synnott, Treman, and Halliday.

Minutes of meeting held November 21st were read and approved.

On motion, Mr. Dewitt Goodrich was appointed Assistant in Dairy Husbandry for the three months of the winter term, 1893-94, at a salary of \$100 per month.

The committee on arrangements for awarding the Fuertes Medals submitted the following, which was adopted :

THE FUERTES MEDALS.

One of these medals will be awarded annually by the Faculty to that student of the College of Civil Engineering who may be found, on graduating, to have maintained the highest degree of scholarship in the subjects of his course during four consecutive years ; and the other medal will be awarded annually by the Faculty to that graduate of the College of Civil Engineering who may write a meritorious paper upon some engineering subject tending to advance the scientific or practical interests of the profession of the civil engineer ; provided, however, that neither medal shall be awarded unless it appear to the Faculty that there is a candidate of sufficient merit to entitle him to distinction.

When no medal is awarded, the money thus left unexpended shall be added to the principal of the Fuertes fund ; or it may, at the discretion of the Board of Trustees, be given to aid needy and deserving students of any course.

J. G. SCHURMAN,
E. A. FUERTES.

Resolved, That the Faculty be requested to consider whether the addition of more teaching days to the University year is feasible and desirable. Carried.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Dec. 5, 1893.

Present—Trustees Sage, H. W., Schurman, Synnott, Lord, Williams, and Treman.

Minutes of meeting held Nov. 28th were read and approved.

Moved and carried, that a curtain between the main Library and the White Library be authorized at an expense of \$16.50.

Moved and carried, that the timbered land on north side of University property be put in care of the Department of Agriculture.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Dec. 12, 1893.

Present—Trustees Schurman, Synnott, Sage, Wm. H., Williams, Halliday, Treman and Lord.

On motion Dr. Synnott was called to the chair.

Minutes of meeting held Dec. 5th were read and approved.

The following communication was presented and on motion accepted and the recommendations therein adopted, viz :

ITHACA, N. Y., Dec. 12, 1893.

Mr. E. L. WILLIAMS, Sec'y Executive Com. :

My Dear Sir :

I am directed by the General Faculty of the University to inform you of the following action taken by them at meetings held December 5, 8, and 11, namely :

Resolved, That the Thanksgiving recess be limited to one day :

That the Fall term end as near the 23d of December, and that the Winter term begin as near the 3d of January, as possible.

That instruction in the Spring term end on the Thursday preceding Commencement Day.

That Commencement be held on the Thursday nearest the 20th of June ; and that the entrance examinations in the Fall begin on the Wednesday nearest the 18th of September ; and instruction begin on Thursday of the following week.

That the present reservation of an examination week at the end of each term be discontinued.

That these resolutions go into effect with the beginning of the next calendar year, January 1, 1894.

Yours respectfully,

GEO. P. BRISTOL, Secretary.

Endorsed as follows :

The above matter having been brought before the Faculty of the School of Law, they concur in so far as the fixing of the Calendar is concerned.

For the Faculty,

by H. B. HUTCHINS,

Associate Dean.

On motion Mr. W. W. Hall was appointed Assistant in Dairy Husbandry for the three months of the Winter term, at a salary of \$100 per month.

Moved and carried, That Mr. G. W. Cavanaugh as assistant in Chemistry in the Agricultural Experiment Station be exempted from tuition fees.

Moved and carried, That arrangements for the formal opening of the Agricultural Building be referred to the Committee on legislative appropriations, with power.

Moved and carried, That this Committee approve the recommendation of the General Faculty and the Faculty of the Summer School that the direction of instruction in the Summer School be vested in the General Faculty.

Moved and carried, That the request of Dr. D. H. Cohen that he be charged a proportionate amount of the Fall term's tuition, he having registered on Nov. 27th, be denied.

Moved and carried, That the matter of additional toilet accommodations in connection with the women's waiting room in the Library Building be referred to the Treasurer, with power.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 9, 1894.

Present—Trustees Sage, H. W., Schurman, Lord, Synnot, Williams, Treman, and Halliday.

Minutes of meeting held Dec. 12th were read and approved.

Moved and carried, That Dr. R. S. Tarr be appointed Assistant Professor of Dynamic Geology and Physical Geography for three years from the beginning of the academic year 1894-95, at a salary of \$1,700.

Moved and carried, That Mr. A. C. Gill be appointed Assistant Professor of Mineralogy and Petrography for a term of three years from the beginning of the academic year 1894-5, at a salary of \$1,400.

Moved and carried, That Mr. Gilbert D. Harris be appointed Assistant Professor of Paleontology for three years from the beginning of the academic year 1894-5, at a salary of \$1,400.

Moved and carried, That Dr. W. F. Willcox be appointed Acting Dean during the absence of Dean White, as provided for in resolution of April 11th, 1893.

Moved and carried, That Dr. E. L. Nichols be granted leave of absence for the year 1894-5 upon one-half pay, in accordance with Statute 7, Sec. 12, provided arrangements be made for carrying on the work of the Physical Department to the satisfaction of the President.

The request of Dr. Tarr for permission to use Fridays and Saturdays of the Fall and Spring terms for field work, the course of instruction in the Geological Department being arranged so that these days are free, was granted.

Moved and carried, That the question of attempting to obtain an amendment to Chapter 687, Sec. 12, Laws of 1892, was referred to Mr. Halliday to take such measures as he may deem wise.

A communication from Dr. Thurston in regard to Electric Lighting and Power was on motion referred to Trustees Williams, Treman and the Treasurer for consideration as to the best manner of increasing the University Water Power and improving the Electric Lighting.

Moved and carried, That the Treasurer be authorized to pay the delinquent taxes upon the Denny Hotel property.

Moved and carried, That the Treasurer be authorized to sell the pine on N. E. $\frac{1}{4}$ 10 and N. W. $\frac{1}{4}$ 11-27-6 W. to Mr. L. V. Ripley for \$4,878.

Moved and carried, That the Building Committee be authorized to examine and pass upon the Agricultural Building.

Moved and carried, That the Treasurer be authorized to contract with the Groton Bridge Co., for a bridge across Cascadilla Creek at Dwyer's Dam, and that \$640, or so much thereof as may be necessary be appropriated for that purpose.

On motion adjourned,

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 16, 1894.

Present—Trustees Sage, H. W., Schurman, Lord, Synnott, Halliday, Treman and Williams.

Minutes of meeting held Jan. 9th were read and approved.

Moved and carried, That the Treasurer be authorized to negotiate through Mr. Franklin Woodruff for the necessary dredging at Harbeck Stores.

Resolved that the Executive Committee authorize the Treasurer to pay the bills contracted in connection with the discovery, care, and enclosing the body of Miss Yeargin, and to send them receipted to her father, with an expression of the sincere sympathy of the Committee with the parents and family in their great bereavement.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Jan. 23, 1894.

Present—Trustees Sage, H. W., Schurman, Lord, Synnot, Williams, Sage, Wm. H., Treman and Halliday.

Minutes of meeting of Jan. 16th were read and approved.

Moved and carried, That \$20, or so much thereof as may be necessary be appropriated to defray the expenses of Prof. J. M. Hart in attending the meeting of the English Committee of the Association of Colleges of the Middle States and Maryland.

A communication from Director Thurston in regard to water supply was presented and was on motion referred back to the Director, with the request that he co-operate with the Superintendent of Buildings and Grounds in searching for the cause of the sudden loss of water from the reservoir, and when found, in applying a remedy.

Moved and carried, That the report of the Committee of the Faculty in regard to ventilation of the Faculty Room be referred to Architect Osborne for investigation and report, with estimates.

The Committee appointed to report upon Dr. Thurston's communication regarding the needs of the department of Light and Power, submitted a report and recommended :

First. The granting of no new light permits until radical increase in lighting plant can be effected.

Second. The early enlargement of our lighting plant and placing it in safer quarters.

On motion the recommendations were accepted and adopted.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Jan. 30, 1894.

Present—Trustees Sage, H. W., Schurman, Sage, Wm. H., Treman, Williams, Lord, Synnot.

Minutes of meeting Jan. 23d were read and approved.

Moved and carried, that the plan of enlarging the electric light plant, and making necessary changes resulting therefrom in the Physics Department be left for future action.

Communications from Dr. Hitchcock in regard to electric lighting in the armory and annex, and from Dr. Titchener in regard to electric lighting in the Psychological Laboratory were, on motion, laid on the table for consideration after arrangements are made for increasing the electric lighting plant.

Moved and carried, that Charles Wanzer's bid of \$975 for converting Dairy House into two tenant houses, in accordance with plans and specifications submitted, be accepted and the Treasurer authorized to arrange details and execute contract.

Moved and carried, that \$500 or so much thereof as may be necessary, be appropriated for defraying the expenses in connection with the opening of the new Agricultural Building.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., Jan. 31, 1894.

Present—Trustees Schurman, Synnott, Woodford, Lord, Kerr, Williams, Treman, Sage, H. W., Halliday, Turner, Sage, Wm. H., Francis.

Letters regretting their inability to be present were read from Trustees Cornell, Sibley, Barnes and Hiscock.

On motion, the minutes of meeting held Oct. 6th were approved as printed.

Moved and carried, that the application of the Ithaca Street Railway Co. for a permit to cross the Campus as far as President's Avenue be taken from the table.

After the reading of the application of the Ithaca Street Railway Company, together with petitions from professors and students accompanying same, the following was presented :

Resolved, That the application of the Ithaca Street Railway Company be granted, subject to such conditions and restrictions as may hereafter be prescribed and imposed by the Executive Committee, the location and extent of the route to be determined by the Executive Committee.

Mr. Treman moved to amend by fixing the route substantially as follows, viz.:—On the lawn along the north side of South Avenue to East Avenue ; thence north on west side of East Avenue to President's Avenue ; thence west on south side of President's Avenue to a terminus to be fixed by the Executive Committee.

The ayes and nays being called, the amendment was carried by the following vote :—Ayes, Schurman, Synnott, Woodford, Kerr, Williams, Treman, Sage, H. W., Francis ; total, 8. Nays, Lord, Halliday, Turner, Sage, Wm. H. ; total, 4.

The ballot upon the original question, as amended, resulted in its being lost by the following vote :—Ayes, Synnott, Lord, Sage, H. W., Halliday, Turner, Francis ; total, 6. Nays, Schurman, Woodford, Kerr, Williams, Treman, Sage, Wm. H. ; total 6.

On motion adjourned.

E. L. WILLIAMS, Acting Secretary.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., Feb. 12, 1894.

Present—Trustees Sage, H. W., Schurman, Williams, Treman, Sage, Wm. H., and Lord.

Minutes of meeting held Jan. 30th, were read and approved.

The application of Mr. A. H. Mlodsiansky, a graduate student, for a loan of \$40 to \$50, to meet Chemical Laboratory fees, was on motion laid upon the table.

A communication from Professor Fuertes in regard to students storing instruments, paper, etc., kept for purposes of trade, in the lockers in Lincoln Hall, was on motion referred to the Treasurer for consideration and report.

On motion the Treasurer was authorized to take the note of Mr. Channing P. Cornell for the amount of his laboratory fees.

On motion the Treasurer was authorized to foreclose the C. G. Henderson \$1,300, and August Landen \$800, mortgages.

Moved and carried, that the Treasurer be authorized to transfer the care and management of all the loans purchased by the University from the Kansas Loan and Trust Co., to such party as shall be designated by the Finance Committee.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., Feb. 26, 1894.

Present—Lord, Schurman, Williams, Sage, Wm. H., Halliday.

WHEREAS, It now appears that the Coroner has not employed a special detective to ferret out the causes and the agency by which Mrs. Jackson, the colored cook, came to her death on the occasion of the Freshman banquet, on the evening of Tuesday, February 20th; and

WHEREAS, It is stated that the Coroner is in doubt whether he has the right to incur any expense for that purpose ; therefore

Resolved, That the Coroner be authorized to draw on the Treasurer of Cornell University for any sum not at present to exceed \$500 which he may need for the employment of such detective.

ITHACA, N. Y., Feb. 27, 1894.

Present—Trustees Sage, H. W., Schurman, Synnot, Lord, Halliday, Sage, Wm. H., and Williams.

Minutes of meetings of Feb. 12th and 26th were read and approved.

A communication from Professor W. T. Hewett, asking that his professorship be made independent and distinct from that of his colleague, Professor White, was, on motion, laid upon the table.

A communication from Dr. Nichols calling attention to the urgent need of the Physics Department for additional room, and submitting sketches for a proposed addition to Franklin Hall, was presented.

On motion the communication and sketches were referred back to Dr. Nichols with authority to obtain general plans, together with estimates of probable cost, from Professor Babcock.

Moved and carried, that \$30, or so much thereof as may be necessary, be appropriated for additional shelving in the French and German Seminary Rooms.

Moved and carried, that \$100 be appropriated for the payment of Professor Merriam for the address delivered at the opening of the Archæological Museum.

Moved and carried, that the President be authorized to employ a secretary at an expense not to exceed \$500 per annum.

Moved and carried, that the entire time of the stenographer in the President's office be devoted to the work of the President.

Moved and carried, that the Treasurer be authorized to contract with Mr. John L. Gartland for the services of his band for the Woodford Speaking, Commencement Exercises, and University Banquet, at a cost of \$225.

Moved and carried, that the Treasurer be authorized to prepare and execute the affidavit asked for by Messrs. Arnoux, Ritch & Woodford in the Fayerweather case.

Moved and carried, that the collateral deposited by W. J. Young & Co. with the University to secure certain loans, be held also to secure a loan of \$25,000 made by Messrs. H. W. Sage & Co. to W. J. Young & Co. *pro rata* with the University loans.

Moved and carried, that \$1,600 be added to the steam-heating appropriation.

Moved and carried, that the application of Mr. F. J. Carney to be released from his contract for a room in Cascadilla be refused, but that the Treasurer be authorized to grant such extension of time for the payment of room rent as he may deem wise.

Moved and carried, that the application of Mr. F. A. Curtiss for the refunding of the current term's tuition be laid on the table until the next meeting.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March 6, 1894.

Present—Trustees Schurman, Lord, Sage, Wm. H., Treman and Williams.

On motion Mr. Lord was called to the chair.

Minutes of meeting held Feb. 27th were read and approved.

On motion, non-resident lecturers in the School of Law were appointed as follows :

Francis M. Finch,	. . . . .	— lectures.
Daniel H. Chamberlain,	. . . . . 9	“
Albert H. Walker,	. . . . . 6	“
John Ordronaux,	. . . . . 6	“
Chas. E. Hughes,	. . . . . 12	“

Moved and carried, that the request of Mr. F. A. Curtiss for the refunding of current term's tuition be denied, and that the case be reported to the Dean of the General Faculty.

Moved and carried, that the Treasurer be authorized to place the loans purchased from the Lombard Investment Co. and the Security Co. in the hands of Messrs. Stull Bros., and Glead & Glead for care and management, the same as in case of loans purchased from Kansas Loan and Trust Co.

On motion the settlement of claim against E. B. Bartlett & Co. for rent on Harbeck Stores was referred to the Treasurer, with power.

Moved and carried, that the adjustment of insurance on rents on Harbeck Stores be referred to the Treasurer, with power.

Moved and carried, that steam heating apparatus be put in Cascadilla Building during the coming summer.

Moved and carried, that the Treasurer be requested to examine and report on the question of a hand-lift in the Cascadilla Building.

Moved and carried, that the Treasurer be requested to consider and report a new schedule of rates for rooms in Cascadilla.

Moved and carried, that the Superintendent of Buildings and Grounds be requested to examine and report upon the question of extending the flag walk on north end of Campus to connect with the walk on East Avenue.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., March 13, 1894.

Present—Trustees Schurman, Williams, and Treman.

Moved and carried that Mr. Frank Fetter be appointed Instructor in Political Economy for the collegiate year 1894-5, at a salary of \$1,000.

Moved and carried that the Treasurer be authorized to advance the June Fellowship payment to Mr. U. G. Weatherly.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

 Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., March 20, 1894.

Present—Trustees Schurman, Halliday, Sage, Wm. H., Treman and Williams.

On motion Mr. Williams was called to the chair.

Minutes of meetings held March 6th and 13th were read and approved, and action taken at meeting of March 13th ratified and confirmed.

Moved and carried, that \$30.25 be added to the Geological appropriation to pay expenses of Gilbert D. Harris in collecting a series of tertiary fossils for the University.

The report of the Faculty of action taken March 19th, '94, in regard to requirements for admission and degrees was received and placed on file.

On motion the request of Mr. R. B. Hough for the return of current term's tuition was denied.

Moved and carried, that Professor I. P. Roberts be granted leave of absence during the spring term on full salary.

Moved and carried, that Mr. Chas. M. Lynde be appointed Assistant in Agriculture from April 1st to August 1st, '94, at a salary of \$40 per month.

Moved and carried, that the question of housing the dynamos be referred to a special Committee of three of which Trustee Williams shall be one.

The Chair appointed on such Committee, President Schurman and Mr. Treman.

Moved and carried, that the President be authorized, upon the request of the Treasurer, to join in the execution of deeds for the conveyance of the University's Western lands.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April, 3, 1894.

Present—Trustees Synnott, Schurman, Sage, Wm. H., Treman and Lord.

On motion Mr. Synnott was called to the chair.

Minutes of meeting held March 20th were read and approved.

Moved and carried, that the Librarian be authorized to sell the duplicate volumes contained in the Zarncke Library, the proceeds thereof to be credited to the Library to be expended in binding the books in Zarncke collection.

A communication from Librarian Harris in regard to the ventilation of the Library was on motion referred to the Committee on Buildings and Grounds to report.

The resignation of Mr. H. E. Lawrence as Assistant in Physics was presented and placed on file.

On motion the leave of absence heretofore granted Professor Benj. I. Wheeler was transferred from the year 1894-5 to the year 1895-6.

On motion the sum of \$125, or so much thereof as may be necessary was appropriated for defraying the expense of a special pamphlet in the Department of History and Political Science.

A communication from Dr. Thurston in regard to the purchase of a 300,000 pound testing machine at a cost of \$7,090, the said purchase not to involve any extra appropriation, was on motion referred to the Committee on Applied Science with power.

The report of Professor Osborne upon the question of ventilating the Faculty Room was presented and the Superintendent of Buildings and Grounds authorized to make the alterations suggested, under the direction of Professor Osborne, at an expense not exceeding \$200.

Moved and carried, that no charge be made for the use of Barnes Hall for the piano recital recently given by Miss McCormick for the benefit of the Student Ward of the Ithaca Hospital.

Moved and carried, that a flag walk from the present walk at Sibley College to connect with the walk on East Avenue, upon the route suggested by the Superintendent of Buildings and Grounds, be authorized at an expense of \$205.

Moved and carried, that the Treasurer be authorized to put a hand-lift in Cascadilla Building, at an expense of \$325.

On motion the request of Dr. Thurston for the putting in of three windows in the east end of the Mechanical Laboratory was referred to the Committee on Buildings and Grounds with power.

On motion the recommendation of the Treasurer that the price of rooms in Cascadilla after the present year be increased $33\frac{1}{3}$ per cent. to cover cost of steam heat, was accepted and adopted.

On motion the sum of \$474 was appropriated to cover the cost of publishing graduating thesis of Dr. Botsford, the same being No. 4 of the Classical Studies.

ITHACA, N. Y., April 17, 1894.

Present—Trustees Sage, H. W., Schurman, Sage, Wm. H., Williams, Lord and Treman.

Minutes of meeting April 3d were read and approved.

Moved and carried, that the contract with the Buffalo Forge Co. for a ventilating fan for Library Building be approved, as recommended by the Committee.

The Committee on Buildings and Grounds reported that they had authorized the three windows in east end Sibley Annex, as requested by Dr. Thurston.

The Committee on Applied Science reported that they had authorized the purchase of a 300,000 pound Testing Machine at a cost of \$7,090 in accordance with the request of Dr. Thurston. The purchase to involve no additional appropriation.

Moved and carried, that a sum not to exceed \$25 be appropriated to defray the expense of Professor Hart in attending the meeting at Philadelphia of the Association of Colleges of the Middle States and Maryland.

Moved and carried, that the matter of plans and location of the State Veterinary Building be referred to the Committee on Buildings and Grounds to investigate and report.

A communication from Dr. Thurston in regard to Sibley College was read and ordered filed for future reference.

Moved and carried that the matter of purchasing certain Dakota mortgages from Mr. J. W. Dwight be referred back to the Finance Committee.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., April 24, 1894.

Present—Trustees Lord, Schurman, Synnott, Williams and Treman.

On motion Mr. Lord was called to the chair.

Minutes of meeting held April 17th were read and approved.

The following was presented :

The Special Committee to which was referred the application of Professor Nichols for additional room, advise delay in building the new lecture room, but advise the moving of the machinery of Professor

Moler's department, now in Sibley, to the annex, leaving the room thus vacated for the electric lighting plant and Sibley College experimental work.

GEO. R. WILLIAMS,
Chairman for Committee.

On motion the foregoing report was accepted and recommendations therein adopted.

The President of the University presented a final proof of the publication reporting the Proceedings and Addresses at the Quarter-Century Celebration, and offered the following resolutions, which were unanimously adopted :

Resolved, That the cordial thanks of the Board be, and the same are hereby tendered to Professor George L. Burr for the labor, care and taste with which, in fulfillment of the editorial task laid upon him by the Board, he has accomplished the preparation and illustration of the volume containing the Proceedings and Addresses at the Twenty-Fifth Anniversary of the Opening of Cornell University.

Further *Resolved*, That Professor Burr be directed to publish this minute as a postscript to the volume.

On motion Mr. Clayton H. Sharp was appointed Assistant in Physics in place of H. E. Lawrence, resigned, at a salary of \$500, to take effect at the beginning of the current term.

On motion Professor C. F. Osborne was granted leave of absence until Monday, the 7th of May.

On motion the Superintendent of Buildings was authorized to put curtains upon the windows separating the Political Science Seminary from the large lecture room, at a cost not exceeding \$10.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 1, 1894.

Present—Trustees Sage, H. W., Schurman, Sage, Wm. H., Lord, Synnott, Williams and Treman.

Minutes of meeting held April 24th were read and approved.

Moved and carried that authority be granted Professor Hutchins to subscribe for a set of Federal Reports for the Law Library, to cost \$250, the same to be paid for from the next year's appropriation.

Moved and carried that authority be granted the Anatomical Department to order a microscope stand, to cost \$110, to be paid for from next year's appropriation.

Moved and carried that the Treasurer be authorized to forward the usual European order for Chemicals, to the amount of \$2,460, to be paid for from next year's appropriation.

Moved and carried that \$100 be appropriated for a special pamphlet of the Classical Department, including Archæology.

Moved and carried that the Treasurer be authorized to refund the current term's fees paid by Miss Juliet A. Cook, she having been obliged to leave the University on account of illness.

Moved and carried that the Treasurer be authorized to make a contract for steam heating apparatus in the Cascadilla building.

Moved and carried that the Treasurer be authorized to have necessary changes in the steam mains made at Franklin and Morse Halls, and also to make all needed repairs during the coming summer.

Resolved, That the Executive Committee regret the necessity laid upon them, in view of the long continued illness of Professor Tuttle, which is certain for the year to come, as in the past year, to prevent his discharging the duties of his professorship, of declaring the chair now occupied by him vacant at the end of the current year.

Resolved, That the President be authorized to take the necessary preliminary steps for filling the vacancy.

Resolved, That the Secretary be instructed to send copies of the foregoing resolutions to Mrs. Tuttle, and to Professor Tuttle's father and brother.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 8, 1894.

Present—Trustees Sage, H. W., Schurman, Lord, Williams, Halliday, Sage, Wm. H., Synnott and Treman.

Minutes meeting May 1st were read and approved.

Moved and carried, that in reply to the communication received from Mrs. Herbert Tuttle regarding the disposition of Professor Herbert Tuttle's house on the campus, that the chairman of the Board be instructed to send the following answer, viz :

ITHACA, May 8, 1894.

Professor Herbert Tuttle :

DEAR SIR—The Executive Committee, after discussing the matter of your house, instruct me to write you thus :

1st. That after the termination of the present University year, the title to your house reverts to the University by the terms of your lease, and that you are to be paid for the same five thousand dollars, less the sum you owe on the mortgage and interest.

2d. That Cornell University has no wish to take the property for a smaller sum than you can sell it for to a responsible professor between now and September 1st next.

3d. That if Cornell University takes it, and can within one year sell it for a larger sum than \$5,000, they will do so and pay you the excess, less the accrued interest on your mortgage.

There seems to be no other way to settle the ownership and control of the house, as we cannot consent that it shall remain in your hands as property to be leased.

Very truly yours,

H. W. SAGE, Chairman.

Moved and carried, that Professor H. J. Ryan be instructed to supervise the setting of the fan in Library.

Moved and carried, that the application of Professor E. L. Nichols, asking that electrical power for department of Physics be obtained from the Ithaca Street Railway Co., in accordance with the plans, estimates and prices submitted by them, be granted.

President Schurman reported that the bill taking 10 per cent. of the income derived from the Agricultural Experimental Station fund and appropriating same to the Geneva State Agricultural Station had become a law by the signature of Governor Flower.

Moved and carried, that for the present no legal action be taken in regard to this diversion of 10 per cent. of the Agricultural Experimental Station fund.

Moved and carried, that S. P. Carll be appointed assistant in paleontology at a salary of \$150 per year.

Moved and carried, that Messrs. W. H. Sage and Treman be appointed a committee to look into the question of vocal and instrumental music for the University.

Moved and carried that \$40.54 or such part thereof as may be necessary be appropriated for the expense incurred for the intercollegiate debate between University of Pennsylvania and Cornell University representatives.

Moved and carried, that Professor H. J. Ryan be asked to make a report as to the best manner of lighting the armory for the junior prize speaking and during Commencement week.

Moved and carried, that in reference to the communication from the general faculty in regard to the assignment of fellowships and scholarships, that one fellowship be reserved for the Law School and that the general faculty be requested to assign the fellowships and scholarships accordingly.

Moved and carried that the Executive Committee recommend to the Board of Trustees the appointment of Mr. L. M. Dennis an Associate Professor of Analytical Chemistry.

Moved and carried that a woman Instructor in Gymnastics be appointed at a salary not to exceed \$350 per year.

Moved and carried that the communication from Professor E. A. Fuertes (including one from Professor I. P. Church), be referred to the Committee on Applied Science to report.

Moved and carried that the request of Supt. H. I. Smith for a few weeks' vacation be granted.

R. H. TREMAN, Sec'y *pro tem*.

ITHACA, N. Y., May 15th, 1894.

Present—Trustees Sage, H. W., Schurman, Lord, Sage, Wm. H., Synnott, Williams, and Treman.

Minutes of meeting held May 8th, were read and approved.

A report from Professor Ryan in regard to lighting the Armory was presented.

Moved and carried that Professor Ryan be requested to use the five "silent" arc lamps for lighting the Armory, as described in his communication.

Moved and carried that power for driving the fan at the Library Building be taken from the Physical Department; that a meter be put in for measuring the amount of power so used, and that Professor Ryan be authorized to get bids for a suitable motor for running such fan.

The report of the Faculty in regard to the distribution of Fellowships and Graduate Scholarships of May 5th, 1894, as amended May 12th, was adopted.

On motion the action of the Chairman of the Board in having Harbeck Stores advertised for sale or to rent, in the *Evening Post* and *Journal of Commerce* was approved.

On motion the Committee on Building and Grounds were authorized to have Harbeck Pier widened and lengthened.

Moved and carried, that there be established in the Department of Rhetoric and English Philology two assistantships at salaries of \$150 each.

Moved and carried, that the Chair appoint a committee on commencement banquet. The Chair named Mr. Treman.

Moved and carried, that the Executive Committee recommend to the Full Board the appointment of Professor Goldwin Smith as Professor of History, emeritus.

The request of Professor Edward Zarncke for the return of his father's personal copy of the Nibelungen Lied, shipped with the Zarncke Library by mistake, was on motion granted.

Moved and carried, that the Finance Committee be instructed to purchase the Minneapolis mortgages submitted by the Minnesota Loan and Trust Co., provided that upon personal examination of the several properties by the Chairman of the Finance Committee the loans commend themselves to his judgment.

On motion, the matter of procuring additional help for the examination of mortgage papers, abstracts, etc., be referred to the Treasurer with power.

A communication from the Ithaca Conservatory of Music in regard to the organization of classes, instruction in music, and the furnishing of vocal and instrumental music for the University, was presented.

Moved and carried, that the President be added to the committee recently appointed to look into the question of vocal and instrumental music for the University, and that the communication of the Ithaca Conservatory of Music be referred to that committee for consideration and report.

Moved and carried, that the afternoon service at Sage Chapel be renewed after the expiration of the current term.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

 Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., May 22, 1894.

Present—Trustees Sage, H. W., Schurman, Synnott, Sage, Wm. H., Lord and Treman.

Minutes of meeting of May 15th were read and approved.

Moved and carried, that the request of the Law Faculty for the division of the fellowship assigned to the Law School into five graduate scholarships of \$100 each, be granted for the present.

The plans for changing the Chemical Annex for the accommodation of the dynamos were referred to a committee consisting of Trustees Williams, Schurman and Treman to report.

On motion the Treasurer was authorized to make a loan of \$5000 at 6 per cent. upon the D. K. E. Chapter House now being erected on the Campus.

On motion the matter of settling the suit against the City of Brooklyn for reduction of Assessment on Harbeck Stores was referred to the Treasurer, with power.

The Treasurer presented written opinions from Attorney Gleed, Messrs. Stull Bros. and Tulleys, Watters & Wadsworth advising against the recording of assignments to the University of Western mortgages, they deeming it safer on the whole to have the mortgages stand on record in the name of a resident of the state. He also presented a letter from Trustee Halliday stating that he had carefully examined the correspondence submitted, and that he was of the opinion that except in special cases, such as the Kansas Loan and Trust Co., as advised by Mr. Gleed, the policy of the University should be not to record these assignments.

On motion *Resolved*, That hereafter the assignments of Western mortgages be not recorded, except in special cases where it may be deemed advisable.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., May 29, 1894

Present—Trustees Sage, H. W., Schurman, Lord, Williams, Synnott and Treman.

Minutes of meeting held May 22d were read and approved.

On motion Dr. Caldwell was granted leave of absence from June 1st until after Commencement for the purpose of attending the Chemical Congress at the Mid-Winter Fair at San Francisco.

Moved and carried, that the grant of \$8,000 made by the State to the Agricultural Experiment Station at Cornell University for the purpose of Horticultural Experiments, investigation, instruction and information in the Fifth Judicial Department be accepted, and the Agricultural Experiment Station Council be instructed to carry out the provisions of the act.

Mr. Geo. R. Williams reported favorably upon the purchase of mortgages in Minneapolis submitted by the Minnesota Loan & Trust Co, as follows :

The New England Association,	\$115,000,	5½ per cent.
August Skog,	45,000,	6 " "
Jacob Cohen,	15,000,	6 " "

On motion the Treasurer was authorized to pay over the funds for the New England Association mortgage to the Minnesota Loan & Trust Co. upon receipt of complete papers, the said Minnesota Loan & Trust Co. agreeing to make payments only as fast as the building progresses, and to take all necessary precautions against liens or other claims for work done or material furnished, the University to receive full interest from date of payment.

On motion the Treasurer was authorized to purchase from the Jenney Electric Motor Co. at \$240, a twelve-horse power motor for driving the ventilating fan at Library building, as recommended by Professor Ryan.

Moved and carried, that the Treasurer be directed to acknowledge with thanks the recent gifts of valuable Botanical specimens to the University; by Mr. Frederick V. Coville of the U. S. Department of Agriculture. Washington, and Mr. S. Weller, of Ithaca, N. Y.

On motion the request of Professor Alfred Emerson for permission to sub-let the third story of his house to students of the University was granted.

On motion all questions regarding the rental of Harbeck Stores, including amount of rent to be charged, was referred to the Chairman and Treasurer, with power.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., June 5, 1894.

Present—Trustees Sage, H. W., Schurman, Lord, Synnott, Halliday, Williams and Tremen.

Minutes of meeting of May 29th were read and approved.

The following was presented :

To the Executive Committee of the Board of Trustees of Cornell University.

GENTLEMEN :

At a meeting of the council of the Agricultural Experiment Station, held June 2d, 1894, the passage of the following resolutions was recommended to the Executive Committee, in carrying out the provisions of Chapter 675 of the Laws of 1894 :

Resolved, That a definite line of experimentation be undertaken at once, after consultation with the horticulturist of the Fifth Judicial Department. Without excluding other experiments, two particular lines are recommended : spraying and fertilization of orchard lands ; these experiments to be conducted in various parts of the Fifth Judicial Department and with various fruits.

Resolved, That Prof. L. H. Bailey be, and is hereby appointed Chief Horticultural Expert under the provisions of Chapter 675 of the Laws of 1894.

Resolved, That the Chief Horticultural Expert shall devote all his time to this work from June 15th to September 25th, and such portion of his time thereafter as may be necessary, and that for this work he be paid \$1000.00.

Resolved, That the following appropriations be made for assistants and materials for experimentation :

Secretary and stenographer,	\$500.00
Expert horticulturist, to be employed at Ithaca upon work in the Fifth Judicial Departm't,	900.00
Special field agents, as may be necessary, at not more than \$50.00 per month and expenses,	1000.00
Stationery and postage,	300.00
Spraying outfits,	200.00
Chemicals;	100.00
Fertilizers,	100.00
	<hr/>
	\$3100.00

Resolved, That the Chief Horticultural Expert is hereby authorized to prepare and issue bulletins at an early date, these bulletins to be freely circulated in the Fifth Judicial Department, on Apricots, Pears, Plums, Dwarf Cherries, Small Fruits, and such other subjects as deemed desirable and profitable, and that for this purpose there be appropriated \$3000.00 (the station has the franking privilege).

Resolved, That from three to six Horticultural schools of a week's duration each, be held at various points in the Fifth Judicial Department, upon subjects demanded by residents of the localities where the schools are held. These schools to be conducted by the Chief Horticultural Expert, or by experts engaged by him for the occasion, at the rate of not more than \$10 per day and expenses, and that for this purpose there be appropriated \$1,000.

From the minutes,

H. H. WING, Secretary.

On motion the recommendations of the Agricultural Experiment Station Council, as contained in the foregoing communication were accepted and adopted.

The following was presented :

The Experiment Station recommends the appointment of Michael Barker, Botanic Gardens, Cambridge, Mass., as Expert Assistant Horticulturist at Ithaca ; also the following to be special field agents, to be employed at intervals, as their services shall be required, viz ; E. G. Lodeman, M. V. Slingerland, G. H. Powell, J. C. Blair.

On motion appointments were made as above recommended, services rendered to be paid for from the appropriation made under Chapter 675 of the Laws of New York of 1894.

On motion the following appointments were made in the Agricultural Experiment Station for the year 1894-5 as recommended by the Experiment Station Council, viz :

Assistant in Agriculture, Geo. C. Watson, at a salary of \$1200 ; Assistant in Entomology, M. V. Slingerland, at a salary of \$1200 ; Assistant in Chemistry, G. W. Cavanaugh, at a salary of \$800 ; Assistant in Horticulture, E. G. Lodeman, without salary.

Moved and carried, that Professor H. H. Wing be relieved, at his own request, from the duties of Deputy Director and Secretary of the Agricultural Experiment Station, and that hereafter one-half his salary be paid from the Experiment Station Fund, and one-half from the University Treasury.

The following was presented and on motion adopted :

WHEREAS, The congressional industrial fund received under the act of Congress of 1890, will in 1894-5 amount to \$20,000, and will ultimately reach the sum of \$25,000 per annum ; and

WHEREAS, The act provides that it is to be applied "only to instruction in agriculture, the mechanic arts, the English language, and the various branches of mathematical, physical, natural, and economic science, with special reference to their applications in the industries of life, and to the facilities for such instruction" ; and

WHEREAS, This fund has hitherto been divided equally between

the mechanic arts and agriculture, including under agriculture, certain branches of natural science ; and

WHEREAS, It is expedient that the other sciences mentioned in the act should also receive some support from the appropriation ;

Therefore Resolved, That in 1894-5 and thereafter the portion of this fund set aside for mechanic arts and for agriculture, including certain branches of natural science connected with agriculture, shall be \$10,000 respectively ; and that after 1894-5 the surplus received above \$20,000 be set aside for any or all of the remaining objects of the act, namely, mathematical, physical, natural and economic science, and the English language, as may hereafter be deemed expedient.

Resolved, That the appropriations for mechanic arts, agriculture, etc., be distributed as follows :

1. For mechanic arts, \$10,000 00
 - \$7000 for salaries of instructors as follows :
 - Marine Engineering, \$2,500 00
 - Mechanical Drawing, 1,000 00
 - Experimental Engineering, 1,500 00
 - Mechanical Engineering, 1,000 00
 - Electrical Engineering, 1,000 00

And \$3,000 for facilities for such instruction.

2. For agriculture, and Departments of Natural Science related thereto, \$10,000 00
 - \$7000 for salaries of instructors as follows :
 - Botany, \$1,100 00
 - Entomology, 1,000 00
 - Dairy Husbandry, 1,250 00
 - Horticulture, 1,500 00
 - Chemistry, 2,150 00

And \$3000 for facilities for such instruction.

On motion appointments were made in the several departments for 1894-5, as follows :

Greek—Instructor.

A. G. Laird, \$1,000

Latin—Instructor.

H. J. Edmiston, 1,000

German—Instructors.

H. P. Jones, 1,000

L. A. Rhoades, 1,000

French—Instructors.

C. P. Vergaoven, 1,000

E. W. Olmsted, 1,000

H. L. W. Otto, 1,000

J. Segall, 1,000

English—Instructors.

W. Strunk,	I,000
G. H. McKnight,	I,000

Examiners.

H. L. Fordham,	150
E. W. Mayo,	150

Assistant.

W. C. Abbott,	500
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Philosophy—Instructors,

E. Albee,	I,000
F. C. S. Schiller,	I,000

American History—Examiner.

F. G. Bates,	150
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Political Economy—Instructor.

Frank Fetter,	I,000
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Assistant Professor.

C. H. Hull,	I,600
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Mathematics—Instructors.

C. S. Fowler,	I,000
W. R. Shoemaker,	I,000
P. L. Saurel,	I,000
D. A. Murray,	I,000
J. Allen,	75 ^o

Assistant Professor.

J. H. Tanner,	On year's leave without salary.
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Physics—Instructors.

H. J. Hotchkiss,	I,000
F. J. Rogers,	I,000
C. P. Matthews,	I,000
C. D. Child,	75 ^o
C. E. Timmerman,	75 ^o
J. S. Shearer,	75 ^o

Assistant.

C. H. Sharp,	500
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Mechanician.

F. C. Fowler,	I,000
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Assistant Professors.

F. G. Merritt,	I,600
G. S. Moler, 3 years,	I,800

Chemistry—Instructors.

E. D. Chamot,	I,000
F. D. Smith,	I,000
F. L. Kortright,	I,000

Assistants.

B. S. Cushman,	400
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W. T. VanBuskirk,	400
C. L. Bliss,	400
H. H. Denham,	400
A. Merz,	400
G. P. Knox,	400
<i>Entomology</i> —Assistant.	
A. D. McGillivray,	1000
<i>Physiology and Vertebrate Zoology</i> —Instructors.	
G. S. Hopkins,	1,000
P. A. Fish,	1,000
<i>Agriculture</i> —Assistant Professor.	
H. H. Wing,	1,250
<i>Geology</i> —Assistant Professors.	
R. S. Tarr,	1,700
G. D. Harris,	1,400
A. C. Gill,	1,400
Assistant.	
S. P. Carl,	150
<i>Horticulture</i> —Instructor.	
E. G. Lodeman,	1,000
<i>Architecture</i> —Instructors.	
J. N. Hutchins,	1,000
C. A. Martin,	1,000
<i>Civil Engineering</i> —Instructors.	
C. W. Sherman,	1,000
W. E. Mott,	1,000
C. W. Comstock,	1,000
H. N. Ogden,	1,000
W. P. Boright,	1,000
Mechanician.	
W. O. Stubbs,	750
Assistant Professor.	
F. P. Spalding, for one year,	1,400
<i>Mechanical Engineering</i> —Assistant Professor.	
J. H. Barr,	1,800
Instructor.	
A. T. Bruegel,	1,000
J. S. Reid, Instructor in Mech. Drawing and Design, . . .	1,000
David Reid, “ “ “	1,000
H. S. Gutsell, Ind. Art.,	1,000
F. H. Noyes, “ “	1,000
V. T. Wilson, “ “	1,000
E. C. Cleaves, Associate Prof. of Freehand Drawing and Mech. Drawing, for one year,	1,800
G. R. McDermott, Asst. Prof. of Naval Architecture. . . .	1,800

Instructors.

G. B. Preston,	1,000
I. J. Macomber,	1,000
C. H. Bierbaum,	1,000
A. H. Eldredge,	1,000
O. G. Heilman,	1,000

Physical Culture—Instructor.

H. H. Lannigan,	1,000
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Woman Instructor.

Salary not more than	350
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Mechanical Engineering—Mechanic Arts.

Monthly

J. Wiseman, Foreman Machine Shop,	\$116 66
J. W. Granger, Foreman Blacksmith Shop,	83 33
J. E. Vanderhoef, Foreman Foundry,	83 33
W. H. Wood, Foreman Woodshop,	83 33
C. L. Stanton, Assistant in Machine Shop,	83 33
F. Starkins, Assistant in Machine Shop,	50 00
G. Pollay, Assistant in Woodshop,	62 50
C. Price, Assistant in Woodshop,	62 50
W. F. Head, Assistant in Forge,	62 50
R. Vanderhoef, Assistant in Foundry,	50 00
W. F. Raymond, Mechanician in Sibley College,	62 50

Law Librarian.

A. H. R. Fraser,	1,000
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Principal of Sage College.

Mrs. Hooker,	Home and 1,200
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Agricultural Experiment Station—Assistant Professor.

H. H. Wing,	1,250
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Assistant Agriculturist.

G. C. Watson,	1,200
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Assistant Entomologist.

M. V. Slingerland,	1,200
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Assistant Chemist.

G. W. Cavanaugh,	800
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Assistant Horticulturist.

E. G. Lodeman,	without salary
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On motion the Committee authorized a new Instructorship or Assistantship in the Department of Electrical Engineering.

On motion the following recommendations were made to the full board, viz :

In Chemistry—L. M. Dennis, to be Associate Professor at salary of \$2,250.

In Political Economy—W. F. Willcox, to be Associate Professor of Social Science and Statistics at a salary of \$2,000.

Civil Engineering—H. S. Jacoby, to be Associate Professor at a salary of \$2,000.

The following was presented and on motion adopted :

The special committee to which was referred the application of Prof. Nichols for use of the annex for Electrical and Dynamo purposes, recommend that the building be prepared for such service by the addition of a second story to it with suitable floors, etc., and that permission be given to remove interior partitions, details for the completion and fitting of the building to be submitted by the department of Physics for approval by the Board, but place is still to be reserved for the assaying work of the Chemical Department in the building.

GEO. R. WILLIAMS, Chairman,

Ithaca, N. Y., May 30, 1894.

(All assenting.)

The following was presented and on motion adopted, with the exception of the last clause of specifications submitted relating to the furnishing of instruments for the Band, which question was referred back to the Committee on Music for further consideration and report, viz :

Ithaca, N. Y., June 5, 1894.

To the Trustees of Cornell University, Ithaca, N. Y. :

The Ithaca Conservatory of Music will take charge of the work, furnish instruction, etc., as outlined on sheet, for the University year of 1894-5, relieving the University authorities of all responsibility in the matter, except their co-operation and advice, for the sum of \$800 payable quarterly.

The Conservatory reserves the right to give concerts with the organizations that it instructs, such concerts being given with the approval of the President, and any profit or surplus after paying the immediate expenses connected, and for the music used during the year, shall belong to the Ithaca Conservatory.

The Conservatory reserves the right to strengthen any of the organizations named, by adding musicians from the Conservatory, until their grade of proficiency is such that it is not necessary.

W. GRANT EGBERT,

R. W. GROOM.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., June 12, 1894.

Present—Trustees Sage, H. W., Schurman, Halliday, Lord, Williams and Treman.

Minutes of meeting of June 5th were read and approved.

A letter from Hon. Fred C. Schraub, Commissioner of Agriculture, approving the scheme for work to be done by the University pursuant

to the provisions of Chapter 675, of the Laws of 1894, was presented and placed on file.

The following was presented :

The committee to which was referred the final clause of the proposal made by the Ithaca Conservatory of Music to furnish music for the University, respectfully report that they have considered the same; and they recommend that the Treasurer be authorized to purchase for the University a set of band instruments, in accordance with the accompanying specifications.

R. H. TREMAN, Chairman Committee.

(All assenting.)

On motion the foregoing was accepted and adopted, and the Treasurer of the University authorized to purchase instruments for the University Band, as per specifications furnished by Mr. R. W. Groom, at an expense not exceeding \$1,600.

The plans for enlarging the Chemical Annex were submitted and approved, and the building Committee authorized to receive bids for the work.

On motion the sum of \$1,125 or so much thereof as may be necessary was appropriated for the expenses of moving into the dynamo laboratory.

On motion the use of the Armory was granted to the Senior Ball Committee for their Class Ball on Tuesday, June 19th, on the usual terms and conditions.

On motion the sum of \$30,890 was appropriated for the expenses of the Library for the year 1894-5 as follows :

CORNELL UNIVERSITY LIBRARY ESTIMATES FOR 1894-95.

Administration.

Librarian, G. W. Harris,	\$2,900
Assistant Librarian, A. C. White, accession and classification,	1,600
Assistant Librarian, W. H. Austin, reference library,	1,200
Librarian of White Library, G. L. Burr,	600
First Cataloguer, M. Fowler,	1,000
Cataloguer, G. Van Dusen,	550
Cataloguer, M. I. Crandall,	800
Assistant in Reference Library, L. N. Nichols,	480
Assistant in Accession Dept., E. Maguire,	480
Assistant in Order Dept., M. E. Griswold,	540
Temporary Copyists in Catalogue Dept.,	500
Boy for labelling and stamping,	156

Three pages, (2 in Reading Room, 1 in Periodical Room), \$168 each	504
One Janitor, J. W. Register, at \$35 per month,	420
One Janitor, W. Reidy, at \$30 per month,	360
	———— \$12,090 00
<i>Books and Binding.</i>	
Binding periodicals and repairs,	1,500
Books and periodicals. (Income of Sage Fund)	15,000
Books and periodicals, White Library, (by terms of gift,)	800
Books. (Income of Lucy Harris Fund),	50
	———— \$17,350 00
<i>Supplies and Miscellaneous.</i>	
Library Bulletin, etc.,	450
Stationery, postage, freight, express, etc.,	400
A. V. Babine, preparing White Catalogue for printing, proof-reading, etc., (from White Catalogue fund)	600
	———— 1,450 00
Total,	\$30,890 00

The resignation of Professor G. P. Bristol, as Registrar of the University, to take effect at the end of the collegiate year 1894-5 was presented, and on motion accepted.

Resolved, That the Secretary in informing Professor Bristol of the acceptance of his resignation, express to him the appreciation of the Committee of the services he has rendered.

Resolved, That Mr. D. F. Hoy be appointed Registrar of the University, to take effect at the beginning of the collegiate year 1895-6, at a salary of \$1,200.

A communication from Dr. Thurston in regard to the new Electric Lighting station was on motion referred to the Committee on Applied Science to report.

On motion the Committee on Applied Science were requested to consider the question of obtaining more power from the University water power, and the best means of securing same.

A communication from Dr. Thurston in regard to the appointment of an Assistant Professor of Locomotive Design and Construction was laid upon the table for the present.

The question of granting extension of time for payment of tuition fees of graduate students and also of loaning money from the Student Loan Fund to graduate students was referred to the Loan Fund Committee, with power.

On motion adjourned until Tuesday, June 26th.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

ITHACA, N. Y., June 20th, 1894.

Present—Trustees Schurman, Hiscock, Lord, Kerr, Williams, Treman, Sage, H. W., Halliday, Turner, Francis, and Barnes.

Letters regretting their inability to be present, from Trustees Woodford and Synnot, were presented.

Minutes of meeting of January 31st, 1894, were approved.

Minutes of meetings of the Executive Committee from Oct. 6th, 1893 to date were approved, and acts of the Committee ratified and confirmed.

Moved and carried that the Board proceed to the election of two trustees in place of Trustees Woodford and Sibley, terms expired.

Upon ballot duly had Hon. Stewart L. Woodford and Hiram W. Sibley, Esq., were unanimously elected Trustees for a term of five years.

The resignation of Mr. Wm R. Humphrey, as Secretary of the Board, was presented, and on motion accepted.

Resolved, That while we regret the severance of official relations with Mr. Wm. R. Humphrey, so long a trustee of Cornell University, and so long the faithful Secretary of the Board, we shall always remember the zeal, ability, and unselfish attention rendered by him to the University, and to the duties that were his. Carried.

Resolved, That E. L. Williams be, and is hereby appointed Secretary of the Board of Trustees, which position is made vacant by the resignation of Wm. R. Humphrey, and that the salary of Mr. Williams from this date be \$3,500. Carried.

Resolved, That the Dean of the School of Law, Hon. Francis M. Finch, be relieved of his Lectureship, and appointed, and he is hereby appointed, to a Professorship of the History and Evolution of the Law, at a salary for both offices of \$4,250,—this legislation to take effect on January 1, 1896. Carried.

Resolved, That the Board of Trustees inform Professor Goldwin Smith of the great satisfaction with which they regard his annual visits to the University as lecturer on English History, and express the

ardent hope that these visits may be continued for many years to come, and at the same time tender to Professor Smith their grateful acknowledgment of the valued services and benefactions he has generously bestowed upon the University from the date of its opening, when he brought to it the dignity of old-world scholarship and renown, to this beginning of the second quarter-century of its existence, when he returns to renew those historical discussions which have delighted and instructed all intervening classes of Cornell students.

Further Resolved, That in order to establish a closer official connection between Professor Goldwin Smith and the University, the Board confer upon him, and the Board do hereby confer upon him, the honorary appointment of Professor of English History, Emeritus. Carried.

The following were duly elected to Associate Professorships in accordance with the nomination of the President of the University, and the recommendation of the Executive Committee, viz :

L. M. Dennis, Associate Professor of Analytical Chemistry, at a salary of \$2,250.

W. F. Willcox, Associate Professor of Social Science and Statistics, at a salary of \$2,000.

H. S. Jacoby, Associate Professor of Civil Engineering, in charge of Bridge Engineering, at a salary of \$2,000.

The resignation of Mr. A. G. Laird as Instructor in Greek, was presented and accepted.

On motion Dr. L. L. Forman was appointed Instructor in Greek for the collegiate year 1894-5, in place of A. G. Laird, resigned, at a salary of \$1,000.

On motion Miss Ellen B. Canfield was appointed Instructor in Physical Culture at Sage College for the year 1894-5, at a salary of \$300.

On motion Mr. K. M. Wiegand was appointed Assistant in Botany for the collegiate year 1894-5, at a salary of \$300.

The following was presented :

WHEREAS, There have heretofore been presented to this Board petitions representing the wishes of all professors residing on the Campus, and the entire teaching force of Cornell University, as well as the unanimous wish of the students that the Ithaca Street Railway Co. be permitted to extend its line on terms to be prescribed by the Trustees, to or near the north side of the Law School, and whereas, differences of opinion among the Trustees resulted in a denial of the petitions, and whereas, there is reason to believe that other views are now held by several of the Trustees, who think it would be wise to give to the Faculty, the students and the University the desired accommodation, therefore

Resolved, That the whole matter be referred to the Executive Committee to make such arrangements with the Street Railway Company as they think wise and expedient, guarding at all points the rights of the University, while securing to all concerned the benefits of the desired extension, subject, however, to the following conditions :

First, that the extension of the road shall be easterly on South Avenue to East Avenue, north on East Avenue to President's Avenue, and west on President's Avenue to the Law School.

Second, any franchise granted shall be in the nature of a license revocable at the pleasure of the Board on sixty days' notice.

Third, that any future requests for further extension shall be passed upon by the Full Board. Carried.

Resolved, That the Committee on Buildings and Grounds be relieved of the care of the grounds and that it be designated hereafter "The Committee on Buildings."

Resolved, That there be established a Committee on Grounds to consist of three members, whose duty it shall be to take general charge of the University estate ; to procure and submit to the Trustees or to the Executive Committee plans for any extension or modification of it, for roads through it, or for building-sites upon it ; to supervise the grading of the campus and the disposal of ashes, dirt, and rubbish ; to preserve and improve the woods and ravines by forbidding their use for the dumping of ashes, rubbish, and waste, by the removal of dead trees and timber, and by such other active measures as they may deem expedient ; and in general to make such recommendations, and to exercise such supervision, and to take such steps as will ensure the neat and orderly maintenance, the improvement, and the beautifying of the University estate.

Resolved, That the Committee on Plans of Campus and of Buildings be abolished. Carried.

The chair appointed as members of the Committee on Grounds, Trustees Wm. H. Sage, Treman, and Schurman.

WHEREAS, The Legislature of the State has passed an act (Approved March 21, 1894) to establish a State Veterinary College at Cornell University ; and

WHEREAS, An institution for instruction and investigation in Veterinary Science, of higher rank than any now in existence in America, is urgently needed in order that the power of science may stay the terrible havoc made by tuberculosis and other diseases among animal and human lives in this State ; and

WHEREAS, No power but the State is potent enough to cope with these diseases, or has the authority to use all the means necessary for their extermination ; and the Governor and other State officers have

officially declared that the chief obstacle at the present time to success on the part of the State is the lack of trained veterinarians, and they have officially recommended the establishment by the State of an institution at Cornell for investigation and instruction in all the sciences relating to animal diseases ; and the legislature has without a dissenting voice passed an act for the establishment of such State Veterinary College, and for the appropriation of \$50,000 to construct buildings therefor, which act has been approved by the Governor and become a law ; and

WHEREAS, It is the policy of Cornell University, in conformity with its ideal of a people's university, to co-operate with the State in scientific work for the improvement of the farm, garden, dairy, animal, and other interests of the State, in so far as existing departments, may, without detriment to the University be utilized, or new departments may be expressly established by the State, for the purpose of such co-operation :

Therefore Resolved, That the Board of Trustees authorize the location on the University grounds of the State Veterinary College and express their willingness, when the State shall have made sufficient provision for buildings, equipment, and maintenance, to administer the State Veterinary College in such manner as may be hereafter agreed upon, subject, however, to the condition, that the University is not to undertake any part whatsoever of the financial responsibility connected with the State Veterinary College, whether for buildings, equipment, care, experimentation, investigation, instruction, or any other object, though for the sake of reducing the cost of maintenance to the State, the University consents to furnish instruction to students of the State Veterinary College in such scientific and other subjects as are now or may hereafter be included in the curriculum of the University, upon such terms as may be deemed equitable, regard being had to the fees paid by University students for instruction in such courses. Carried.

The list of candidates recommended for graduation by the General Faculty, and the Faculty of the School of Law, was presented, and on motion degrees were conferred as recommended.

Moved and carried that there be established a Committee, of three or more, the same to be appointed by the chair, on endowment, whose duty it shall be to secure additions to the endowment of the University in such way as they may deem expedient.

The report of Director Thurston was presented and placed on file, and on motion the Secretary was instructed to inform Director Thurston of the Board's appreciation of the highly successful manner in which he has administered the affairs of Sibley College, and of the

continued intention of the Board to deal with Sibley College in as large a spirit of liberality as is compatible with the resources of the University, and the needs of other departments.

On motion the Secretary was authorized to execute power of attorney to J. Willis Gleed of Topeka, to represent the University in certain litigations in the State of Kansas, growing out of the foreclosure of Kansas Loan and Trust Co. mortgages.

A communication from Professors Prentiss, Jenks and Gage in regard to sewerage on Central and South Avenues was presented, and on motion referred to the Committee on Grounds to report to the Executive Committee.

The certificate of the election by the Alumni of Hon. John DeWitt Warner as Trustee of Cornell University for five years was received and placed on file.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

CORNELL UNIVERSITY.

Proceedings of the Board of Trustees.

[EXECUTIVE COMMITTEE.]

ITHACA, N. Y., June 26th, 1894.

Present—Trustees Sage, H. W., Synnott, Treman, Lord, Williams, and Sage, Wm. H.

Minutes of meeting held June 12th were read and approved.

The following was presented :

The committee to which was referred the communication from Director Thurston regarding new lighting station, advises approval of plan as outlined in the application.

On motion the report of the committee was accepted and adopted, and the sum of \$3,000, or so much thereof as may be necessary, appropriated for fitting up a new lighting station.

Moved and carried that the Treasurer be authorized to make a loan of \$18,000, payable \$3,000 annually, beginning with 1896, at 6 per cent. semi-annual interest, to Thomas B. Campbell upon his brick-yard in Newfield, the bond to be guaranteed by C. H. White, D. W. Burdick and A. B. Wood.

A communication from Prof. S. G. Williams in regard to an appropriation for expenses of a delegate to the National Educational Association was laid on the table.

Moved and carried that the Treasurer be authorized to take the necessary steps for procuring an attachment on certain funds in the hands of the assignee of E. B. Bartlett & Co., to secure the notes held by the University, if Mr. George Richards advises such action.

Moved and carried that the Treasurer be authorized to serve notice upon Messrs. E. B. Bartlett & Co. on or before July 1st, to vacate Harbeck Store No. 1.

Moved and carried that the Treasurer be authorized to give the worn comfortables at Sage College to the City Missionary.

On motion the sum of \$1,280 was added to the fuel appropriation.

On motion the Treasurer was authorized to investigate and report upon the question of an elevator for Sage College; stating cost and best method of operating same.

On motion adjourned.

E. L. WILLIAMS, Sec'y.

ITHACA, N. Y., July 2nd, 1894.

Present—Trustees Lord, Sage, Wm. H., Synnott, Treman, and Williams.

On motion Mr. Lord was called to the chair.

Moved and carried that the adjustment of past-due rent on Harbeck Store No. 1, with the Eureka Milling Co., together with details of future rental of Store No. 1 to said Milling Co., be referred to the chairman of the Finance Committee and the Treasurer with power; it being understood that details for future rental being satisfactorily arranged, the amount of rent of Store No. 1 may be reduced to \$6,000 per annum.

Moved and carried that the Treasurer be authorized to accept as guarantors on the T. B. Campbell \$18,000 bond, the following: C. H. White, \$3,000, D. W. Burdick, \$3,000, F. C. Cornell, \$3,000, Jamieson & McKinney, \$3,000, C. J. Rumsey, \$1,500, A. B. Wood, \$3,000, in lieu of the full guaranty provided for in resolution of June 26th.

On motion, adjourned.

E. L. WILLIAMS, Sec'y.

