

CORNELL ALUMNI NEWS

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The Sibley Shops Today

Many Changes in Recent Years—Hours Shortened and Work More Closely Correlated

The history of Sibley College has been a history of continuous evolution. Only the fittest methods and courses have survived. The faculty has constantly felt the pulse of the industrial world in order to keep step with the growing and changing needs of practical business. When old methods have passed out of date and new needs have developed, the old have been discarded

for the new. In order to do this it has been one of the chief aims of the faculty to draw its instructing staff from men who have had extensive practical experience in shops and factories. Many graduates have come back to accept faculty positions. Having tested their methods by actual practical work, they are able to see some defects in the old and suggest new and more profitable methods. They are able to give suggestions not only along the line of work they have been doing, but also along other lines, as a result of personal observation in shops and factories.

Photo by Troy

One of the direct results of this system has been the adoption of more comprehensive and practical methods in the shops. There are three general classes of shop work which should be sharply distinguished: First, that manual training which seeks primarily to teach a man to use his hands; second, that which aims to make a craftsman or mechanic; and third, that which strives merely to teach the principles involved. All of these branches require similar work, but the spirit in which the work should be done is different. The man seeking manual



THE WOOD SHOP

Photo by Troy

training can best attain his end by doing a variety of work requiring the use of his hands in different ways. The craftsman should not advance from one branch of work to another until he has mastered it to a nicety. The engineer, however, should give his time not to the acquiring of manual skill, but rather to the learning of the principles and methods involved in machine construction. Of necessity he will get some manual training, but it is the training of his mind and not of his hands for which he should strive.

SHORTER HOURS

For several years the Sibley faculty has been striving to bring the work of the shops in more complete harmony with this principle. The total number of hours devoted to this work has been cut in two, and its character has been radically changed. This does not mean

that the shops are being gradually abolished, but merely that the different branches of the work are more closely correlated. The gain in time has brought no loss in efficiency.

Between the time when a man leaves college and the time when he can begin to do initiative work, there is an interval during which he must become acquainted with the environment of actual business and adapt himself to it. Although from the nature of the case this interval must always exist, the faculty hopes that the new course will tend to shorten it.

If a man is to design an engine he must understand the process of its construction. He must consider the pattern making, molding, forging and machine work necessitated by his design. work through all these different steps.

Today the Sibley man does carry his He makes his design in the drawing room, his pattern from the design in the wood shop, a mold from his pattern in the foundry and at length finishes his work in the machine shop. That is, the curriculum for the different years is so arranged that these steps may be successively carried out. The student may not always work from his own design or casting, but he works with one like his own. The accompanying cuts show how the work of the different shops is connected. Among the products of the machine shop are noticed certain pieces, the patterns of which appear in the work of the wood shop.

An incident showing the value to the student of knowing how to do the practical work required by his designs is related by J. E. Vanderhoef, foreman



THE FORGE SHOP

Photo by Troy

of the foundry. It is the actual experience of one of his students. A contractor for fireproof construction had two sons in Cornell, one ending his Junior and the other his Sophomore year. Having suffered some business reverses, the father decided to curtail expenses by taking his younger son out of college and setting him to work in his shop. He was not very sure that a college education had much practical value, anyway, and he thought that work in his shop might do the son just as much good.

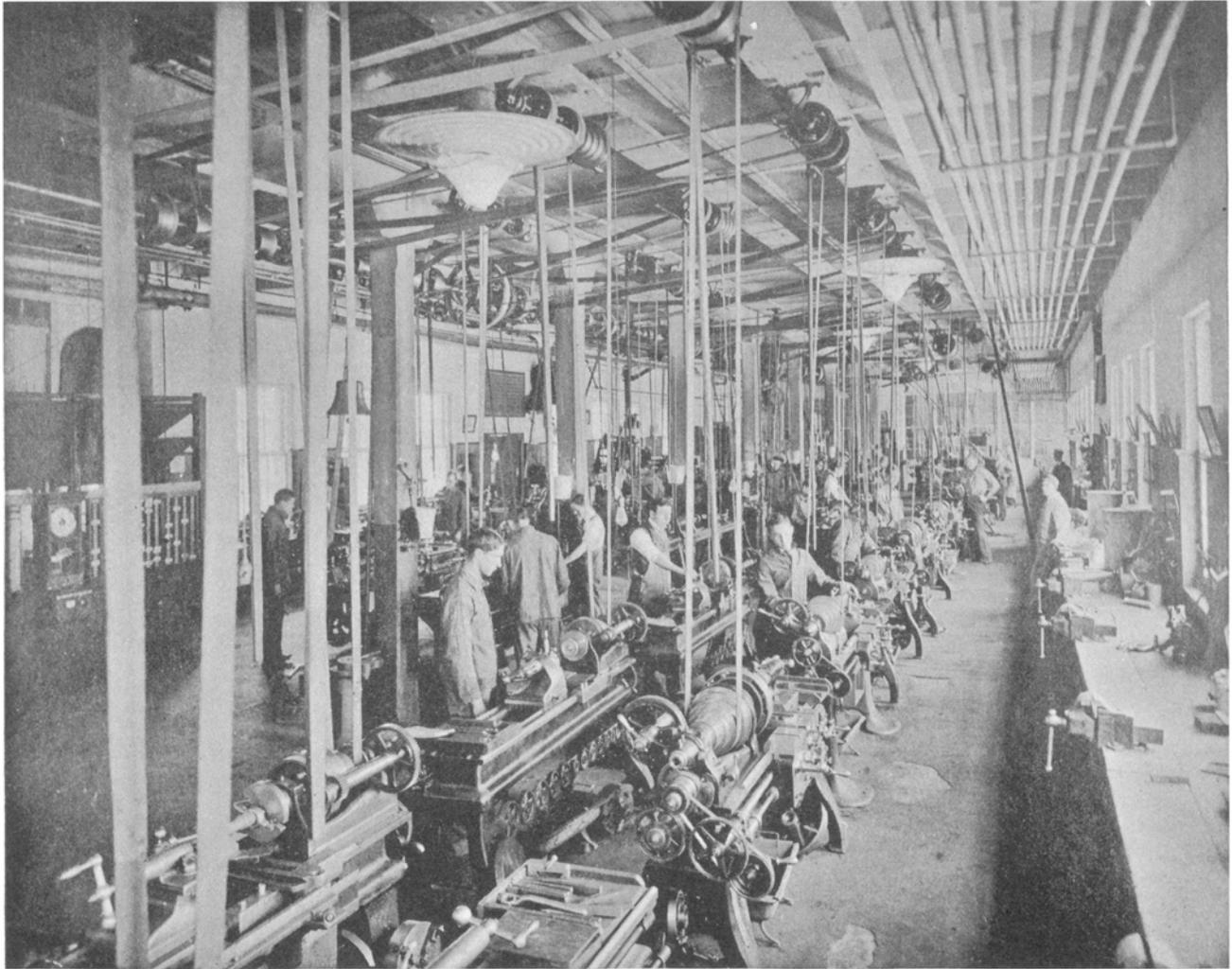
CORNELL METHODS VINDICATED

The lad was set to work designing a window sill. Having completed the design, he showed it to the foreman and asked him what he thought of it. "Oh!" said the foreman, "that's another of your impractical college ideas.

You could never make a pattern of a thing like that." The Sibley man knew better. He made the pattern himself and brought it around a few days later. "Oh! yes," said the foreman, "but you could never make a casting from that pattern." Still undismayed, the young man took the pattern to the foundry, and when the workmen confessed their inability to make such a casting, he went to work and made it himself. He brought the finished product to the foreman, who was so pleased that he carried it promptly to the boy's father. A day or two later the father called his son into the office and said to him, "I don't know how I am going to manage it, but I have quite decided that you shall go back in the fall to Cornell."

The Sibley faculty has also real-

ized that if a man is to take charge of a shop, he must understand the forces with which he will have to work—the men, the machines and the system. To meet this end courses of shop lectures have been started, dealing with various machines and shop systems. Several new machines have been procured, such as the drop hammer which is used for drop forging, simply to illustrate modern labor saving devices. Moreover, the machine shop has been organized on a business basis, as if it were a part of a great manufacturing establishment. One of the interesting features of the system is a time clock which registers the length of time each student has worked. The following synopses of the shop courses and the practical experience of those in charge, taken from the Cornell Register, will give a



THE MACHINE SHOP

Photo by Troy

fair general idea of the scope of the work as a whole:

DEPARTMENT OF MECHANIC ARTS

Dexter Simpson Kimball, A. B., professor of machine design—A. B., Leland Stanford Jr. University, 1896; served apprenticeship with Pope & Talbot, Port Gamble, Wash., 1881-87; machine shop, Union Iron works, San Francisco, 1887-93; drafting room, Union Iron works, San Francisco, 1896-98; designing engineer for Anaconda Mining company, Montana, 1898 (summer); assistant professor of machine design, Sibley College, Cornell University, 1898-01; works manager, Stanley Electric Mfg. company, Pittsfield, Mass., 1901-04; 1904-1905, professor mechanic arts, Sibley College, Cornell University.

Albert Edward Wells, superintendent of shops and instructor in machine

construction—Served apprenticeship with Whitney Electric Instrument company, Sherbrooke, Quebec, 1892-95; shop foreman and also in charge of outside erection, Stanley Electric Mfg. company, Pittsfield, Mass., 1895-98; superintendent Cunningham Engineering company, Boston, 1898-1901; superintendent detail department Stanley Electric Mfg. company, Pittsfield, Mass., 1901-04.

Pattern Making (Freshman shop).—The course begins with a series of graded exercises in wood working designed to give the student familiarity with the tools of the trade and also to teach him to work from dimensioned drawings. These exercises are expected to give him manual skill sufficient to take up the elementary details of pattern making which follow and lead up to the making of complete patterns

and core-boxes. Instruction is also given in large pattern work, sweep work, etc., the aim of the whole course being to not only develop manual skill but to also give the student a good working knowledge of the art of pattern making. Two hours. Daily, 8-11, 11-2, 2-5 as assigned.

Clinton Byron Burke, foreman—Assistant foreman in charge of repairs, with J. Barker Mfg. company, Pittsfield, Mass., 1886-89; general woodwork, with E. B. Hume, Pittsfield, Mass., 1889-1894; student, 1894-96; pattern maker, Stanley Electrical Mfg. company, Pittsfield, Mass., 1896-1904.

Shop Methods. Lectures. One hour for one term. Discussion of shop methods, pattern making, molding with reference to modern methods of manu-

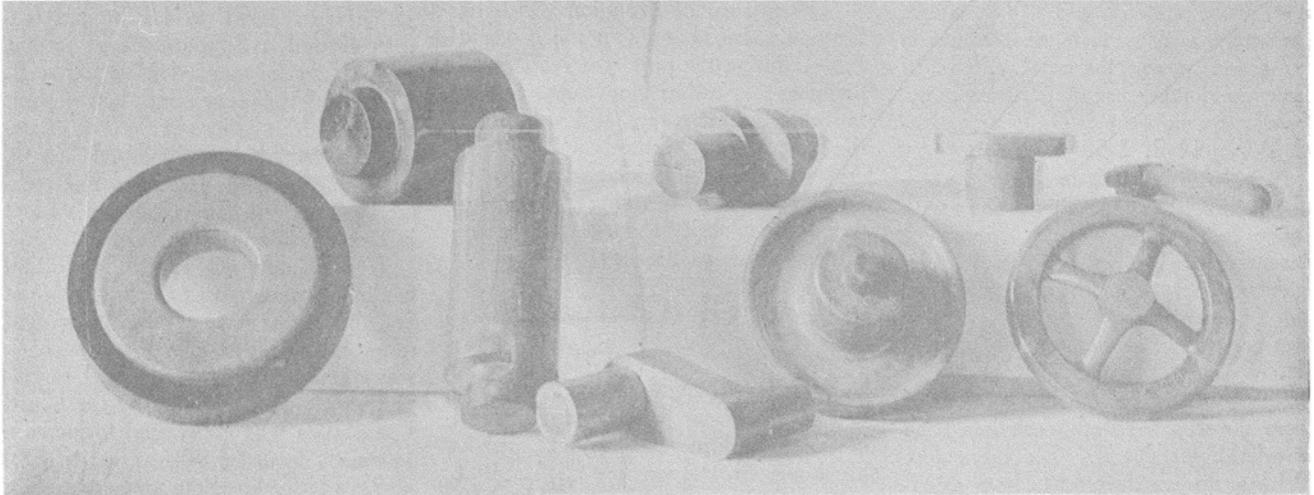
facturing. Professor Kimball and Mr. Burke.

Forge Work (Sophomore shop) — In the forge shop the student receives manual instruction in forging, tempering, welding, etc., both in iron and

Cortland, N. Y., foreman, 1883-89; foreman Cortland Forging company, 1889-91; foreman E. D. Clapp Mfg. company, Auburn, N. Y., 1891-92; with Ithaca Forging company, Ithaca, N. Y., 1892-93; assistant forge shop,

11-2, 2-5.

James Eugene Vanderhoef, foreman—Apprentice with Ithaca Mfg. works, Ithaca, N. Y., 1871-1875; foreman with Ithaca Mfg. company, 1875-1877; worked in Reynold &



PATTERNS MADE IN THE SHOPS

Photo by Troy

steel. The methods used in manufacturing, such as drop hammer work, are illustrated and application of the principles taught to large work is fully discussed. Two hours. Daily as assigned, 8-11, 11-2, 2-5.

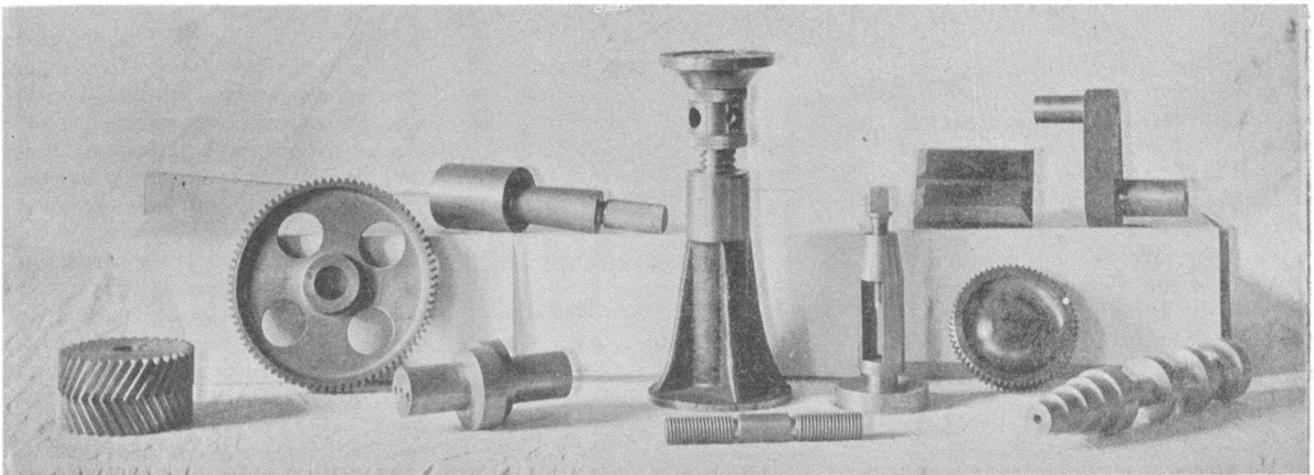
William Frederick Head, foreman

Cornell University, 1893-1901; foreman of forge shop, Cornell University since 1901.

Foundry Work (Sophomore shop) —In the foundry, instruction is given in molding, core-making, mixing of metals, operation of cupola, etc. Such

Lang's, Treman & King's and other foundries, 1877-1886; foreman of foundry, Cornell University, since '86.

Machine Work (Junior shop) — In the machine shop an effort is made not only to train the student manually and teach him correct shop practice,



FINISHED CASTINGS

Photo by Troy

—Apprentice with David McGibbons, Westport, Pa., 1873-74; with J. B. Hagadon, Union, N. Y., 1874-78; proprietor of smithshop, Cooper, N. Y., 1878-81; with Union Hardware company, Auburn, N. Y., 1891-92; with Cortland Top and Rail company,

operations as sweep work, etc., are illustrated by suitable working apparatus and the methods and appliances used in the art in large work are fully explained by the instructors in charge. Two hours. Daily as assigned, 8-11,

but also to instruct him in the principles of economical manufacturing. Carefully graded exercises are arranged to teach him the use of measuring instruments, hand tools and then machine tools. Manufacturing methods are

fully explained and illustrated by modern tools and appliances. The administration of this shop in particular is intended to illustrate as far as possible approved methods of shop operation and give the student a general idea of time keeping, piece work and premium plan, wage systems, etc. The above instruction is given to a great extent in connection with the construction of commercial machines or parts of same. Two hours per term. Daily as assigned, 8-11, 11-2, 2-5.

Principles of Manufacturing. — Must be taken in connection with course in machine work. Theory of measuring and other shop tools, elementary theory of manufacturing; cost and time keeping systems, etc. One hour per term. Professor Kimball and Mr. Wells.

It will be noticed that the number of hours devoted to shop work has been considerably reduced. Six years ago, 200 hours were devoted to both molding and forging. The number was reduced to 150, for two years, then to 100 and finally to 96. Though less time is given to the work, yet the same general principles are more fully taught. The loss is chiefly that of manual and technical training, though many who are apt and interested turn out as much and as good work in one term as was formerly required by the full year course. The pressure of time has tended to put a more earnest spirit into shop work.

One of the most valuable additions to the equipment of the shops has been the substitution of independent electric motors in each shop in place of the former cumbersome belting system operated by water power. Many new machines have recently been acquired, of which the following is a partial list:

Wood shop—Collum saw bench; two Wright band sawing machines; Porter buzz planer; wood trimming and boring machines.

Foundry—Tumbling barrel, which cleans castings mechanically; Millet core oven; 150 pound ladle; moving crane with a capacity of 2½ tons; benches for small work.

Forge shop—Drop hammer, weighing about seven tons, for illustrating the process of forging, made by the Spencer & Billings company and presented to the University by Mr. Wesson of the Smith & Wesson company; five new forges made by students in the

shops; Hilles & Jones punch and shear.

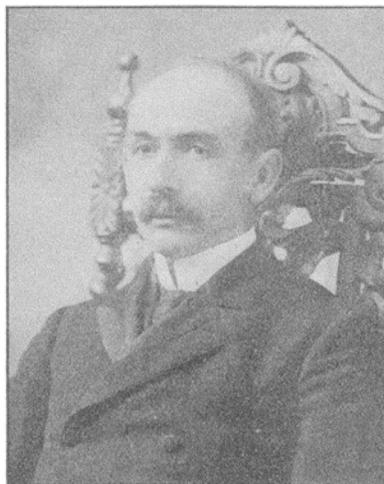
Machine shop—3B Becker Brinard vertical miller; American geared head engine lathe; Springfield ideal engine lathe; Bradford tool work engine lathe; Lodge & Shipley engine lathe; Higley cold cut-off saw.

The process of evolution which has brought these changes in the shops of Sibley during the past few years is still going on. Further innovations will be introduced next year, and still others the year after. Methods will be modernized, equipment increased and no effort spared to keep the standard of the shops in strict accord with the industrial needs of the day.

Cornell Obituaries

WILMOT M. SMITH, '74

Wilmot M. Smith, B. S., '74, justice of the New York Supreme Court in the second judicial district, died at his home in Patchogue, L. I., at 1 a. m. on Thursday, March 29, after ten days' illness. He was fifty-four years old.



THE LATE JUSTICE SMITH, '74

He had served on the Supreme Court since 1895 with distinction, and was held in the highest respect and esteem by his contemporaries and by members of the bar. He was noted for his whole-hearted democracy and untiring courtesy toward all lawyers who had occasion to practice in his courts.

He was born in 1852 in Smithtown on Long Island, where his ancestors had lived for more than two centuries. After attending the public schools he entered Cornell and was editor of the

Era. Graduating with the class of '74, he returned to Smithtown, studied law and was admitted to the bar in 1877. In 1884 he was elected district attorney of Suffolk county and was re-elected three years later, serving until 1890. He was Suffolk county judge from 1891 to 1895, and was then elected a Supreme Court justice.

In 1881 he married Miss Lizzie L. Mott of Patchogue, and leaves three children, Mrs. Herbert W. Williamson of Brooklyn, Wilmot M. Smith, jr., a student in the Brooklyn Polytechnic institute, and Elsie Smith, a student in the Patchogue High school.

It is related of Justice Smith that while he was serving as county judge in Suffolk, in February, 1894, he refused to accept an increase of salary when it was offered him by the Board of Supervisors. At a meeting of the board a resolution was introduced to increase his salary from \$2,000 a year to \$2,500. He declined the increase, telling the board that it would be out of proportion to what the other county officers were receiving, and that their salaries in all fairness would have to be increased also.

On the day of his death all the higher courts in Brooklyn were adjourned out of respect for his memory, and bench and bar vied with each other in their tributes to the dead jurist. In entertaining a motion for adjournment in part one of the Supreme Court in that city, Justice W. J. Kelly said:

"In putting the motion the court desires to express the deep sorrow felt by the entire bench, in common with the bar of the district, on receipt of the intelligence that has come this morning. The people have lost a conscientious, a faithful and an able judge. The bench and bar have lost a dear friend, a man who, I believe, in the course of his life never intentionally hurt the feelings of a human being. If that be the indication of a true gentleman, as some say, Judge Smith was indeed a gentleman—a man among men. At the close of the case on trial, the court will adjourn for the term out of respect to the memory of our dead associate, Justice Wilmot Smith."

The funeral of Justice Smith was held Saturday at 2 p. m. in the Congregational church of Patchogue, the Rev. Sherman W. Haven officiating. The pallbearers were Supreme Court Judges A. F. Jenks, Martin J. Keogh,

Samuel T. Maddox and Garret J. Garretson, General Horatio C. King, former Surrogate Nathan Petty, County Judge Walter E. Jaycox and John E. Ketcham, who was Justice Smith's court stenographer. The body was buried in Cedar Grove cemetery.

Improvement of Gorge

Brooklyn Alumni Now Raising Funds—
May Start Work this Summer

The project of the Brooklyn alumni for raising funds to improve Fall creek gorge is now well under way. At the March meeting of the Cornell Association of Brooklyn, held Thursday, March 27, at the University club of Brooklyn, it was unanimously and enthusiastically voted to undertake the raising of a fund of \$5,000 for this work. A committee of five was appointed to formulate plans for appealing to all the Cornellians of Brooklyn and to begin soliciting subscriptions as soon as possible. It is planned to secure \$1,000 each year for five years, and it is hoped to have enough money on hand this summer to allow the University workmen to begin work on the first details of the plan.

Professor W. W. Rowlee, who is in charge of the University grounds, was the guest of the association at the meeting. He brought with him photographs of the gorge as it is at the present time and as it has been in times past, plans of the paths and other improvements which he recommends should be made, and a copy of the *Widow* containing a humorous sketch of the revised gorge. All these were passed from hand to hand and aroused much interest.

Reports showing that the University has absolute control of both sides of the gorge for a long distance were read by Professor Rowlee, who then outlined the routes of the proposed paths. These are to be like the Forest Home path, so that they will be unobtrusive in appearance and will not affect the naturalness of the scenery. They are to lead down from the ends of Central and East avenues, while another path is to give access to the bottom of the gorge from the other side.

Professor Rowlee suggested that after the paths had been constructed the matter of next importance would be the arrangement of some device to permit surface water to drain into the

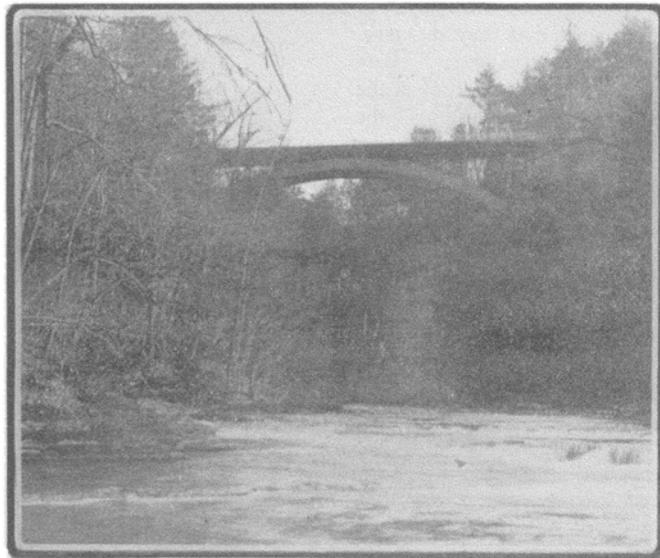
gorge without erosion of the bank. He proposed the construction of stone steps over which the water should run. The third item in the work, he said, should be the construction of observation platforms at various points, and the fourth, the improvement of Beebe lake by the laying of a gravel bank all around the shore. All this work, he thought, could be done for \$5,000, and could very conveniently be done in installments covering several years.

These suggestions were adopted without change, and a committee was appointed consisting of Dr. Henry P. DeForest, '84, chairman; John L. Moffatt, '73; Dr. Thomas B. Spence, '90; James M. Gorman, '90, and William F. Atkinson, '95. In the

dinner by Dr. F. E. Caldwell. Dr. Moore responded to a call for a speech with a few words of congratulation to the association.

As the next meeting, to be held Tuesday, April 24, will be the annual one, when officers will be elected for the ensuing year, a nominating committee was selected. This consists of W. A. Mosscrop, '88, W. W. Macon, '98, and S. G. Koon, '02.

State Health Commissioner Eugene H. Porter, '80, was to have been a speaker at the meeting, but he was detained at Albany by the memorial services to the late Speaker S. Fred Nixon. He sent word that he would be glad to attend some future meeting of the Brooklyn Cornellians, when he will



VIEW OF THE GORGE

discussion that took place the idea was advanced that if the Brooklyn alumni were successful in their undertaking it would readily lead to extensions of the work, and that the construction of "look-outs" would give other associations and classes excellent opportunity to present memorials to the University.

The usual informal dinner, presided over by President Herbert D. Schenck, preceded the business meeting. Professor Rowlee met all the members present, and was received most cordially. A pleasant surprise was given the diners by the unexpected arrival during the course of the meal of Professor Veranus A. Moore, who happened to be in the city that day attending a scientific meeting, and was brought to

discuss sanitary conditions throughout the state and some needed reforms.

Those present were:

'73—Dr. John L. Moffatt, W. L. Sprague; '79—Dr. F. E. Caldwell; '82—Dr. H. D. Schenck; '83—Franklin Mathews; '84—F. P. Ingalls, Dr. H. P. DeForest; '85—H. L. Carr; '87—Professor V. A. Moore; '88—W. A. Mosscrop, Professor W. W. Rowlee; '90—Dr. Tracy E. Clarke, J. M. Gorman, Dr. T. B. Spence; '93—L. J. Doolittle, W. L. Eastman, W. W. Southworth; '95—W. F. Atkinson, R. H. Haskell, David Joyce, E. S. Orgon; '96—H. L. Duncan, G. H. Merrill; '97—W. T. Yale; '98—W. W. Macon; '01—H. R. Cobleigh; '02—

H. C. Bushnell, C. A. Hebb, S. G. Koon, Richardson Webster; '03—F. S. Yale; '04—A. E. Mudge; '05—G. W. Kuhn, F. C. Tolles, Salmon Whitcomb.

The "Courtney Stroke"

The Term Justified—Value of High and Low Strokes Compared

EDITOR CORNELL ALUMNI NEWS:

Sir:—The New York Sun of March 23 contains a rather interesting article relative to the style of rowing advocated by Courtney and Ten Eyck respectively, with special reference to the merits of a high or low stroke in a four mile race.

Both coaches agree that there is only one way to row; it is in the matter of strokes to the minute that they disagree. Ten Eyck is quoted as saying: "There is only one way to row and that is the right way. This idea of calling the stroke of the winning crew by the name of the coach makes me tired." Mr. Ten Eyck is quite correct. There is only one way to row and that is the correct way, but there are many elements of technique that contribute to ideal rowing, and by this we mean not "grand stand" rowing, but that smooth and effective rowing that is so fundamentally correct that it is calculated to prove successful.

Courtney is quoted as saying: Everyone knows that there is a fundamental law of rowing. The crew that is trained to carry out the elementary principles in the smoothest and most effective way will win. There is no 'Courtney' stroke, no 'Hanson' stroke, no 'Ten Eyck' stroke, no 'anybody's' stroke."

What Courtney says is correct with this qualification: While a style of rowing or stroke may not properly be called after any one man, it is certainly true that a coach who has succeeded in turning out winning crews repeatedly

may be said to have so inculcated the principles of a correct and successful stroke in the members of his crews, that he has more closely approximated the "ideal rowing" (which all agree is essential to success) than his rival coaches.

It is in the matter of the application that the two coaches differ. Courtney is a great believer in form, advocating a low stroke for the four miles, while

Ten Eyck does not place so much reliance upon form, depending largely upon a higher stroke for his crews.

Courtney, in advocating a stroke about 30 to the minute, goes on to say that more power, consequently more smoothness and speed, result from such a stroke. "Take a crew," says Courtney, "that is rowing 28 to the minute and one that averages 34. In a four mile race this means that one crew takes about 120 strokes more than the other. In the strain and fight of a four mile pull those additional strokes are going to count as a drain on endurance. Then again, a crew that is rowing a low stroke obviously can go along in better form than an eight which is simply being yanked along. Form counts tremendously in



HERBERT J. HAGERMAN, '94
Governor of New Mexico

actual results, or at least I think it does."

Here, then, is the pith of the whole argument. Form in rowing, as in every other sport, but especially in contests of endurance, is a most important factor. Does any one doubt that form is indispensable in a ten mile run? Invariably the championship for the ten-mile race has been held year after year by the same man, who having become an adept in form, has so gauged the distance to the powers of his endurance that there is a minimum loss of vitality or reserve power. And this is the only common sense solution of the problem. Of course, according to results, Court-

ney's theory would seem correct, as Cornell won at Poughkeepsie in 1901, 1902, 1903 and 1905, while Ten Eyck's Syracuse crew won only in 1904; still, as is indicated above, Courtney's theory rests on a sound and sensible basis, without reference to results obtained in the past five years.

"Nobody can tell me," declares Ten Eyck, "that a crew rowing 28 to the minute with the power properly applied can beat an equally good crew rowing 34 to the minute with the power also properly applied." He goes on to say, "Power and conditions being equal, the crew pulling the greatest number of strokes in the four miles would be the one to win." Ah, that's the whole question. Are the power and conditions equal with one crew rowing 28 and the other 34? Strictly speaking, this would be a physical impossibility. Ten Eyck fails to take cognizance of the stamina of his men, required in a four mile race; he would expect a Herculean task of his crew. A crew rowing so many strokes per minute that its reserve power is seriously depleted is surely not applying the power properly.

Ten Eyck indulges in too many deceiving "ifs," and he thus proceeds to incorrect conclusions. What Ten Eyck meant to say was, that power and conditions being equal, two crews will finish a tie.

Thus we see that Courtney's position is the correct one, theoretically and practically. He firmly believes in form, not merely for form's sake, but as a conducting factor to ideal or correct rowing, due regard being had to the staying power of his men; consequently, he places a limit to the number of strokes per minute in a four mile race, beyond which it is not safe to go. Ten Eyck, on the other hand, while doubtless believing in form, fails to see the correct relation it bears to successful rowing, and in advocating a high stroke for four miles, ignores the fact that men are capable of fatigue, and that their effectiveness may be proportionately decreased as a result of such fatigue. "Mechanics," as applied to men, is not an exact science; while certain results may be safely predicated of a machine, they cannot always be of men. "Get there at any cost" may result disastrously in a four mile boat race.

Ten Eyck has been very successful in the shorter races (two miles) with his four oared and Freshman crews in the past three years. His argument for a high stroke becomes more convincing when applied to short distances, where the question of endurance is not so material.

Very truly yours,
 PERCY W. SIMPSON, '98.
 New York, March 30, 1906.

Baseball Team Returns

Wins Four Games Played—Others Cancelled on Account of Rain

The baseball squad returned Sunday night from the South after a disappointing trip, owing to continued bad weather. Of the eight games scheduled for the trip, four had to be cancelled on account of rain or muddy diamonds. The team returned home one day earlier than expected, after an enforced rest from Wednesday until Saturday.

The first home game of the season was scheduled for Wednesday of this week, with Hobart at Percy field. On Saturday of this week Cornell will cross bats with Niagara University at Percy field in what is expected to be a good contest.

Percy field is in fair condition, considering the lateness of the season, but here, too, the inclement weather has left its mark and the soft ground will handicap the team for the next few days. The training table was started in the Cascadilla building upon the return of the men from the South.

Cornell won all of the four games played on the Southern trip, and considering the lack of outdoor practice before leaving home, the team's showing was encouraging. Three of the four games were against Vanderbilt University and the other against the Castle Heights school. The games scheduled with the Louisville and Nashville league teams, which might have served to try out the merits of the Cornell aggregation, had to be cancelled, as well as the contest with Kentucky University at Lexington.

CORNELL 5, VANDERBILT 4

In the opening game of the trip on Tuesday, March 27, Cornell defeated Vanderbilt through superior stick work, although lack of outdoor practice was

clearly evident in the loose fielding. The Southerners landed on Umstad for four hits in the first inning, and these, combined with the erratic support given by the Cornell team, gave Vanderbilt two runs. In the fifth inning Deshon was substituted in the box and shut out the home team until the ninth, when two more runs were scored. With one man out and men on second and third the prospect looked dubious for Cornell, but Hollands' catch of a long fly in center field saved the day.

The score by innings:

		R	H	E
Cornell	. . . 0 0 2 1 2 0 0 *	5	9	7
Vanderbilt	2 0 0 0 0 0 0 2	4	5	5

Batteries: Umstad, Deshon and Welch; Love and Travis.

CORNELL 3, VANDERBILT 2

In the second game Cornell showed some improvement, making only three errors, which were largely due to the wet and slippery field. Cornell took the lead at the very start of the game and held it throughout. Umstad pitched during the first five innings, when he was relieved by Lovejoy, who did creditable work in the box for his first game. He struck out four men, allowed but three hits and made no errors.

In the morning practice on both days the Cornell pitching squad received some valuable points from Waddell and Bender, the celebrated twirlers of the Philadelphia Americans, who were spending a few days in Nashville.

The score by innings:

		R	H	E
Cornell	. . . 2 0 0 0 0 1 0 0 *	3	9	3
Vanderbilt	0 0 0 1 0 0 0 1 0	2	8	4

Batteries: Umstad, Lovejoy and Welch; Inglis and Travis.

CORNELL 4, CASTLE HEIGHTS 3

On the forenoon of Wednesday, March 28, the Cornell team went over to Lebanon to play the Castle Heights school. The preparatory school boys put up a stiff contest, but Cornell won out, retrieving last year's defeat. Bradley pitched eight innings for Cornell, when he was replaced by Deshon.

CORNELL 8, VANDERBILT 1

The final game with Vanderbilt resulted in an easy victory for the visitors, who showed much improvement in their batting form. They tallied nine hits in the seven innings that were played before rain ended the game. These

included three baggers by Lovejoy and J. T. Browne, and a home run by Braman—the first of the season.

The score by innings:

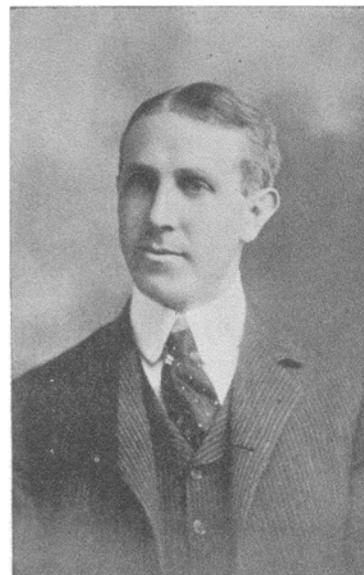
		R	H	E
Cornell	. . . 0 1 3 2 0 1 1	8	9	1
Vanderbilt	0 0 1 0 0 0 0	1	6	2

Batteries: Deshon, Lovejoy and Welch; Kyle and Travis.

C.H. Blood Renominated

His Record as Alumni Trustee—Arguments in Favor of Re-election

Charles H. Blood, Ph. B., '88; LL. B., '90, whose term as alumni trustee expires in June, has been renominated by twenty-five alumni, of



JUDGE CHARLES H. BLOOD, '88

whom twelve are now members of the Board of Trustees.

Mr. Blood is a trustee of the Ithaca Savings bank, was three times elected district attorney of Tompkins county, has lectured before the Cornell Law school on the subject of criminal procedure and is now county judge and surrogate of Tompkins county.

During his term of office as alumni trustee, he was chosen by the board as one of its representatives on the committee in charge of the construction of the playground and the new Alumni field, and his associates on that committee—George W. Bacon, Col. H. W. Sackett, Robert H. Treman and Judge

(Continued on page 310)

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Ithaca, N. Y., April 4, 1906

OUR SEVENTH BIRTHDAY

The CORNELL ALUMNI NEWS is seven years old today. It is celebrating the occasion by issuing an enlarged souvenir number, illustrated with photographs of Cornell men and Cornell views. This number will be mailed to hundreds of alumni outside the pale of its subscription list in the hope that they may be induced to come inside. Last year's souvenir number was used in the same way and was the means of gaining a host of new acquaintances, many of whom were so favorably impressed that they invited the NEWS to become a regular visitor at their homes. We trust that this year's anniversary number will be received with as hearty an interest and as cordial a welcome.

THE SENIOR WEEK QUESTION

The request of the class secretaries that the fraternities give up their houses to returning grads. during Commencement week has stirred up much discus-

sion and some little excitement on the Campus. The first intimation that most of the fraternities had of the scheme was received through the editorial in a recent number of the NEWS, and it came like a thunderbolt out of a clear sky. The blow falls hardest on those fraternities which have given Senior week dances for many years past and had already planned to continue the custom this season. Then, too, many Seniors who expected to entertain their parents or sisters or friends at the fraternity houses during that week are keenly disappointed at the thought of giving it all up or even of quartering their guests outside.

The *Cornell Sun*, in a recent editorial, complained with some feeling at the suddenness with which the demand of the alumni was hurled at the undergraduates, without any opportunity to talk things over and arrange an amicable compromise.

So far as the NEWS can learn, fraternity sentiment has not yet crystallized into any definite attitude in regard to the proposal, though in many quarters the feeling is decidedly unfriendly and the change will be made, if at all, under protest.

It is to meet this unpleasant situation—which may easily become an impossible one unless some action is taken soon—that the NEWS suggests a compromise which will at least solve the difficulty for this season.

Three years ago there was much talk of reforming Senior week so as to encourage alumni to return and swell the reunions. The talk finally took shape in a conference called by the faculty committee on Commencement arrangements, and attended by representatives of the faculty, trustees, fraternities and in fact every interest directly or indirectly concerned. The result of that conference was a definite proposal to change the Senior week calendar so as to separate the undergraduate and alumni functions. The

plan was to begin the social festivities on Thursday or Friday of the preceding week and have them all over with the close of the Senior ball on Tuesday night, thus leaving Wednesday and part of Thursday free for the alumni.

That plan was endorsed by fifteen out of the nineteen fraternities replying to the circular letter sent out by the committee, and appeared to be acceptable to every interest concerned. The only reason why it failed of adoption was because the scheme did not take definite form until well along in May—too late, it was thought, to change the calendar for that year. The following year the plan was apparently forgotten, with the result that matters have come to the present pass.

We wish to see that plan tried this year. We believe that therein lies the proper solution of the problem, in a way that will be satisfactory to all concerned. We suggest the following tentative calendar:

Friday, June 15—Masque performance at the Lyceum, followed by fraternity dances.

Saturday, June 16—Kappa Alpha boat ride, which has heretofore come on the following Friday; in the evening possibly fraternity dances until 12 o'clock.

Sunday, June 17—Baccalaureate service in the Chapel.

Monday, June 18—Glee club concert at the Lyceum, followed by fraternity dances.

Tuesday, June 19—Class day; Senior ball at the Armory.

Wednesday, June 20—Alumni day.

Thursday, June 21—Commencement day.

By this plan all the undergraduate social functions will be over by Tuesday night and the fraternity houses may be vacated in favor of the returning alumni. Parents and friends who wish to remain for Commence-

ment may be accommodated in rooms elsewhere. They will have had their glimpse of the fraternity house and fraternity life, and should be willing to give way to the alumni, whose presence and support are coming to mean so much to the University.

If the above schedule crowds the social functions too closely together, it may begin with the Masque play on Thursday, June 14, instead of Friday, leaving Friday evening for the fraternity dances which now come on the following Thursday night.

We suggest this plan not as an ideal arrangement, but as a satisfactory

compromise between conflicting interests, and as the best practicable solution of present difficulties. We ask that it receive a fair trial this season, and future action be governed by the result.

TO THE REUNION CLASSES

Alumni day—Wednesday, June 20—is now little more than two months off. It is time that every member of the eight classes which are to hold reunions was arranging his plans to be in Ithaca on that day. The reunion classes are '71, '76, '81, '86, '91, '96, '01 and '03.

Every single member of those eight classes whose address is obtainable will receive a copy of this issue of the NEWS. For more than a week past the NEWS has had a force of stenographers busy compiling a huge list of all the members of all the reunion classes. In getting the addresses, every possible source of information was made use of. The lists compiled by the various reunion secretaries were supplemented by data gleaned from the University records, from our own alumni index and from numerous other sources. Then the names of the NEWS subscribers were checked off, and

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GEORGE K. WOODWORTH, E. E. '96

(Late Examiner, Electrical Division U. S. Patent Office)

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'96 all of whom I have done work. '96

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every non-subscriber on the big list is to receive a copy of this souvenir issue, with the compliments of the NEWS.

Of course we do this partly in order to interest the alumni in the paper and perhaps obtain a few hundred new subscriptions. But that is not all. We are glad to do it because we believe it will help the reunion secretaries in their efforts to bring a great crowd of returning grads. back to Ithaca on Alumni day. We believe that everything which recalls Cornell to the mind of one of her sons and awakens his interest in her progress and her welfare makes him more anxious to come back and see his Alma Mater again for himself. Personally, we don't see how a Sibley man who has been away from Ithaca five or ten or fifteen years could look at those pictures of the shops and the college and read about the tremendous strides it has made in the past few years—we don't see how a man could do that without feeling way down in his heart a thrill of pride in his college and a longing to go back to Ithaca and look once more upon the old Campus.

Nor is this true of the Sibley man only. For Sibley College is only one component part of Cornell University. Its progress is Cornell's progress; its welfare is a matter of concern to every Cornellian. And so the lawyers and architects and Arts men who peruse this paper ought to feel the same desire to return to Cornell, if only to see what their own college has been doing in the years since they went away.

We are publishing this week no individual appeals from reunion secretaries to their classes, because we prefer rather to make this general appeal to all. We ask each member of each of those eight classes to make up his mind now that he will positively be in Ithaca on June 20 next, weather or business or anything else under Heaven to the contrary notwithstanding, and to sit down straightway and write his reunion secretary about this decision.

Then the NEWS will feel amply repaid for the labor and expense of print-

ing and mailing a few thousand extra copies of this number. The reunion secretaries will be overjoyed at receiving such enthusiastic support from their classmates. And, best of all, Cornell herself will rejoice next June to welcome back the largest assemblage of her sons that ever gathered on the old Campus.

Trustee Nominees

Nominations for the two alumni trustees to be elected next June closed April 1. The following four candidates have been nominated:

Charles H. Blood, Ph. B., '88, LL. B., '90, of Ithaca (renominated).

James Mapes Dodge, '72, of Philadelphia.

James Harvey Edwards, C. E., '88, of New York city.

James Harvey Peirce, B. S., '74, of Chicago.

A sketch of Mr. Dodge appeared in the NEWS several weeks ago and one of Mr. Blood appears this week. Sketches of Mr. Edwards and Mr. Peirce will be published in the near future.

C. H. Blood Renominated

(Continued from page 307)

Frank Irvine—are among those who have placed Mr. Blood in nomination for a second term.

A circular letter signed by S. D. Halliday, '70; Mynderse Van Cleef, '74; Jared T. Newman, '75; S. B. Turner, '80; C. E. Treman, '89, and Frederick D. Colson, '97, directs attention to the fact that although the work of the Alumni field committee has been successfully started, the work of the next five years will be of the greatest importance in securing permanent benefits to the University, and urges the advantage of continuing the present committee "until the work so successfully commenced is more nearly completed."

During his term as alumni trustee, Judge Blood was also chosen by the Cornell Athletic council as representative of the Board of Trustees upon the council. He was later elected graduate treasurer of the council, an office which he now holds by virtue of his position as representative of the Board of Trustees. He was chosen by the student members of the Cornell Masque

as their alumni representative upon the Masque council and is graduate treasurer of that organization. Mr. Blood is also one of the committee on arrangements appointed by the Cornell Association of Class Secretaries for the grand reunion to be held in Ithaca in June, 1908.

These circumstances are mentioned by Mr. Blood's friends as indicating his interest in student activities in the University, and as strong arguments in favor of his re-election as one of the two alumni members of the Board of Trustees to be chosen in June.

Cornell Alumni Notes

'75, Ph. B.—Jared T. Newman, a prominent attorney of Ithaca and a former trustee of the University, is the choice of the Tompkins county Bar as a candidate for the position of Supreme Court justice, to succeed Judge Gerrit A. Forbes, who will retire within the next few months. Mr. Newman is endorsed by lawyers, merchants and citizens of all parties as a man well fitted for the high office to which he aspires. As Ithaca has not been represented on the Supreme Court bench in a number of years, Mr. Newman's nomination by the next judicial convention is considered quite likely.

'77—H. W. Bingham is at the head of the H. W. Bingham Lumber company, with offices at Third and Larum streets, Denver, Col.

'77—W. S. Boynton, who is treasurer of the Passumpsic Savings bank of St. Johnsbury, Vt., presided over the annual meeting of the Northern Banker's association of New Hampshire and Vermont, held at Wells River, Vt., March 7.

'77, B. Arch.—The Marshalltown State bank of Marshalltown, Ia., of which A. F. Balch, '77, is president, is the subject of an illustrated sketch in the March 3 issue of the *Chicago Banker*. The bank is capitalized at \$100,000 and maintains a surplus and profits account of \$50,000. The article states that the twenty-five years of the bank's existence have been years of constant and steady growth based upon reliable and conservative banking. Its quarters have recently been remodeled and at present the institution is housed in one of the best equipped bank buildings in Iowa.

'79, B. Lit.—Miss Harriet May Mills is spending a few weeks in Bermuda. Miss Mills is the New York state organizer of Women Suffrage clubs, and has been requested to go to Oregon to assist in the suffrage movement there.

'93, LL. B.—James P. Harrold is an attorney with offices at 1411-1412 Ft. Dearborn building, Chicago, Ill.

'95, Ph. B.—Roger H. Williams (Yale, M. A.), who for some years has been the head of the buying and corporation departments of N. W. Halsey & Co., bankers, of New York city, is now treasurer and one of the five directors of the Crane company's Eastern export division. This company is the largest manufacturer of valves and pipe fittings in the world, and has branches throughout the United States.

'96—Paul H. Deming of Detroit has been appointed chairman of the touring committee of the American Automobile association. Mr. Deming is one of the pioneer motorists of the country. His tours have not been confined to America, for he has driven in practically every country in Europe. He

has won numerous first-class certificates in non-stop runs and endurance contests and was one of eight men to win a gold medal in the New York-Pittsburg endurance run in 1903. A photograph of Mr. Deming in his car appeared in the *Illustrated Outdoor News* for March 24.

'97, M. S. A.—Maurice G. Kains has been with the *American Agriculturist* as assistant editor for more than a year. His work is of a general character, covering the departments of horticulture and agriculture.

'97, M. E.—The engagement of Miss Sarah S. Wheeler of Terre Haute, Ind., to Oliver Shiras, '97, has been announced. Mr. Shiras is vice-president of the Wire & Telephone company of America, manufacturers of wire, cable and telephone apparatus and consulting and contracting telephone engineers.

'98, B. S.—Miss Mabel Mead is a student in Stanford University. Her temporary address is 750 Bryant street, Palo Alto, Cal., and her permanent address is 1303 Ninth avenue, Greeley, Cal.

'99, A. B.—Herbert B. Lee is an attorney and counsellor, with offices at 92 Erie County bank building, Buffalo, N. Y.

'00, B. S. A.—Carl F. Pilat is with the firm of Hinchman, Pilat & Tooker, landscape architects and engineers at 52 Broadway, New York city.

'00, C. E.—Edgar J. Strasburger is engaged on a 200-mile railroad location survey, and is addressed at Butte, Montana.

'00, C. E.—Charles W. Coit is consulting engineer with F. Greco, contractor for the New Orleans & Great Northern railroad. His address is St. Tammany parish, Sun, Louisiana.

'01, M. E.—C. A. Kelsey is engineer in charge of induction motors with the Stanley Electric Manufacturing company of Pittsfield, Mass. His address is 108 Brown street.

'01, A. B.—James O'Malley, '01, of Buffalo has been appointed secretary to the Hon. Frank C. Laughlin of the Appellate Division of the Supreme Court sitting in New York city. Mr.



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'02, M. E.—A daughter, Elizabeth Mays, was born to Mr. and Mrs. Emery L. Walker on January 9, 1906, at their residence, 2133 Green street, Philadelphia, Pa.

'02, M. E.—W. R. Couch is with the Bishop & Babcock company, manufacturers of hydraulic air compressors, pumps and water motors, 439-441 Lafayette street, New York city. His home address is 316 West 84th street, New York.

'02, M. S. A.—M. M. Underdon has resigned his position as superintendent of farms with the Queen's County Water company to enter the employ of William Cary Sanger, assistant secretary of war under Elihu Root, as superintendent of his farms at Sangerfield, Oneida county, N. Y.

'02, LL. B.—Alden I. Rosbrook is an attorney with offices at 3-4 Courts building, Carthage, N. Y. He was recently elected president of the North Country Telegraph & Telephone company, an independent corporation competing with the Bell company. The North Country company is building about 150 miles of rural line and will construct about 50 miles of toll lines during the summer. F. E. Rosbrook, Law, '06, is one of the directors in the company.

'02, M. S. A.—James A. Foord, who was an assistant in the Cornell Experiment station during the years 1900-1903, has tendered his resignation as professor of agriculture in Delaware College, to accept a position as associate professor of agronomy at the Ohio State University.

'03, B. S. A.—George E. Merrill, who has been teaching agriculture and allied subjects at the National Farm school at Farm School, Pa., has recently resigned that position and expects to go to Cuba, where he will raise winter vegetables and citrous fruits for the New York markets. His farm is to be situated near Bartee, Santiago.

'03, C. E.—H. F. Badger, jr., is a civil engineer with the Milwaukee Southern railway company. He is addressed at 701 Railway Exchange building, Milwaukee, Wis.

'04, C. E.—J. L. Jacobs is instrumentman on the construction of the Pierre-Rapid City extension of the Chicago & Northwestern railway. At

present he is addressed at Bovine, South Dakota.

'04, A. B.—A. T. Banning, jr., who has been in the United States census bureau, has been transferred to the bureau of corporations.

'04, A. B.—James W. Schade is a chemist in the works of J. T. Baker Chemical company. His address is 318 North Ninth street, Easton, Pa.

'04—Henry Talboys is a clerk with the Great Northern Power company, Duluth, Minn. His address is 316 Providence building.

'04, M. E.—W. G. Vincent, jr., is an electrical engineer and draftsman with the Ocean Shore railway company and his address is 561 California street, San Francisco.

'04, M. E.—Edward A. Wadsworth is a member of the firm of R. Walsh & Co., manufacturing confectioners. His address is 157 Market street, Newark, N. J.

'04, M. E.—A. Shaler Williams (Yale, A. B., '01) has been with J. G. White & Co., engineers, since graduation. He is now assistant engineer on a sea-wall government contract being executed at Cebu, Philippine Islands. Last fall he underwent a severe operation for appendicitis.

'05—William R. Pierce is at Singapore, China, on his trip around the world. From there he goes to Java and Siam for a month, and then on to Port Arthur, Japan and Honolulu. He will return to the United States some time in August.

'05, M. E.—A. H. Sayce is engaged in business in New York city, and his address is 11 Montague terrace, Brooklyn, N. Y.

'05, M. E.—C. W. Lange is with the Hooven, Owens, Rentschler company, manufacturers of Corliss engines and turbines at Gronbach Flats, Hamilton, O.

'05—T. H. Wight has accepted a position in the office of Stewart L. Randolph at 31 Nassau street, New York city.

'05, C. E.—Edward Holmes, leader of last year's Glee club, has been elected to membership in the University Glee club of New York city. This organization is composed of representatives of college glee clubs throughout this country and Europe. Its total membership is eighty. At pres-

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Issue of April 5, 1899—Vol. 1, No. 1.

Issue of March 12, 1902—Vol. IV, No. 22.

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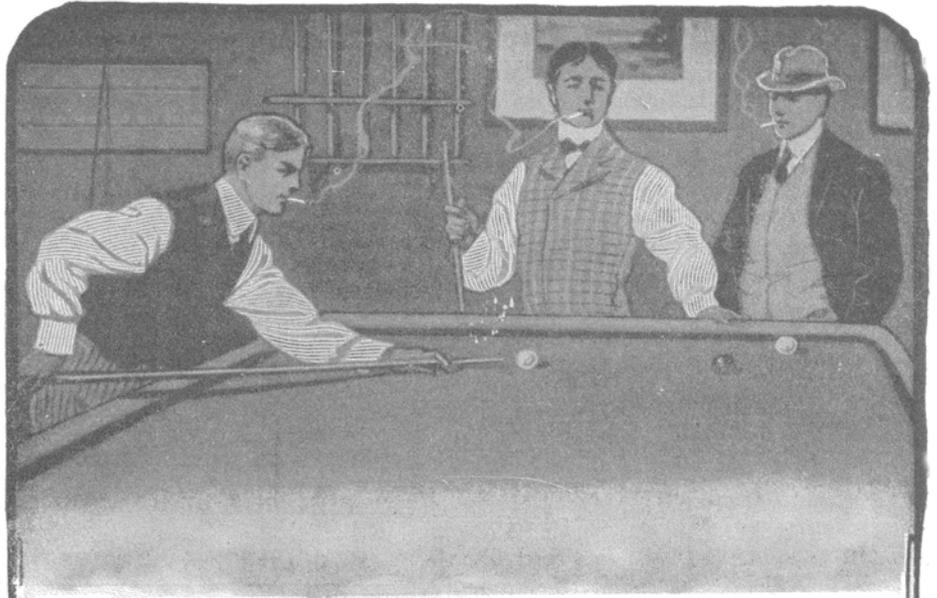
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