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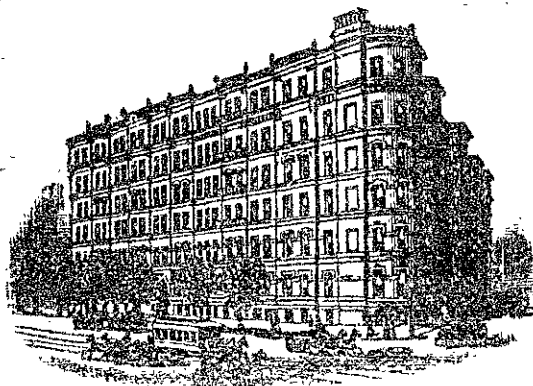
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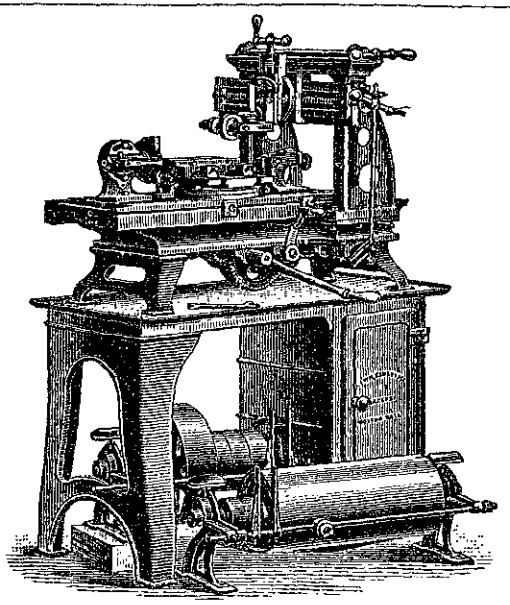
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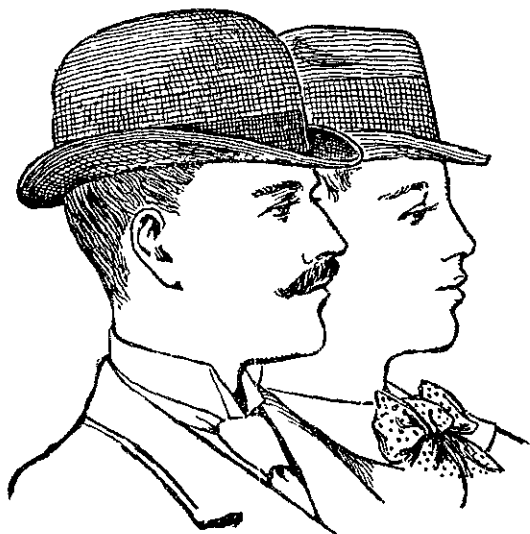


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The Tech.

VOL. XIII.

BOSTON, OCTOBER 5, 1893.

NO. 1.

THE TECH.

Published every Thursday, during the college year, by students of the Massachusetts Institute of Technology.

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Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

FRANK WOOD, PRINTER, 352 WASHINGTON STREET, BOSTON.



If in the heart there burn a
love for friend,
A flame, smoky and dim
perhaps through days
Of dreary, selfish work,
when never end
The suffocating fumes'
absorbing rays
Of kindness, unresponsive,
till at last,
The aim accomplished,
pure, fresh air bursts in,
Consumes the soot, and
brighter makes the flame;
If so, then how do we un-
conscious win

Dear friends, and yet our selfish lives proclaim?
As sprouts the nourished seed from darkest earth,
Protected from rude eyes and envious blast
Till strong enough to grace the world by birth,
So grow our friendships in a kindred soil,
Unseen, unrealized amidst hard toil.

Until a parting comes. Only a few weeks ago
were many of us in these same old haunts;
but a sadness pierced the outward cheerful
look. It was a period of hand-shaking, of con-
gratulation, condolence, and genuine sorrow.

Ninety-three was departing and scattering,—
would she ever be reunited? In sympathy,
yes; in reality, never. Never! what a ter-
rible meaning does that word convey, and yet
how little can the human mind comprehend it!

Four months have passed, and again old
Rogers corridor echoes with the busy tread
of hurrying feet, the scuffle of the crowd, the
confused babel of varied and numerous voices.
The very activity and liveliness set the thinker
to moralizing upon the transientness of even
greatness. A young and inexperienced class
replaces the renowned Ninety-three, and
Tech goes on just the same. What, then, is
local fame? Merely a step, a rung in the
ladder to eternity. It is but one among the
many, and yet it gives all climbers who reach
it a helpful lift.

Well, '97, profit by the example of your
predecessors, and THE TECH will never regret
the welcome it now extends to you. Ninety-
four, Ninety-five, and Ninety-six, you are at
home here, and as hosts must do your duty by
the new arrivals. All of you have a bene-
ficial and eventful past to influence the un-
known future, and Technology has prepared
herself during the summer to do her share for
your advancement. Many familiar faces are
no longer here. May they, as well as the
latest graduates, be the proud possessors of
"lucrative positions" innumerable.

Nothing cheers the soul like the hearty
grasp of a good friend's hand; so THE TECH
now "shakes" with professor and student
alike to the happiness and success of the
months to come.

IT is needless for THE TECH to say that the
resignation of Professor Levermore is a
matter of profound regret to Technology, and

especially to Course IX. Not only is his departure an almost irreparable loss to the Institute, especially for the current year, but the students feel that they have lost a friend and a guide whose place can never be filled. As head of Course IX. Professor Levermore has done more than any one to build up a thoroughly practical and systematic course in general training, and as professor of history to the students of other courses he has held a most important position. The Adelphi Academy of Brooklyn is certainly to be congratulated on securing as principal a man of most enviable reputation. THE TECH in regretting that Professor Levermore could not be retained by the Institute, and in wishing him the greatest personal success wherever he may be, but voices the sentiment of every student who has known him.

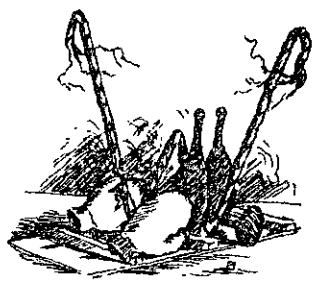
SEVERAL alterations and additions have been made in the various buildings and apparatus of the Institute. The offices in the Freshman drawing room, Rogers Building, are now in line across the center of the room, effectually dividing it into two rooms. The partition rooms in the back corridor of Rogers have been extended ten feet forward, allowing more space for storage and other purposes. But one of the improvements, suggested before in THE TECH, has been neglected, when little labor and expense could have set matters right. We refer to the letter rack in the Cage. Miss Bassett has been so worn out by the continual reaching up for letters in the overcrowded rack, that last week she became very sick, and remained at home several days. She has almost feared that the strain will soon prove too much for her. Now many of us would miss Miss Bassett in innumerable ways, and if a slight expense would make things easier for her, to say nothing of convenience to a thousand odd students, it would seem that the proper authorities might take the matter in hand.



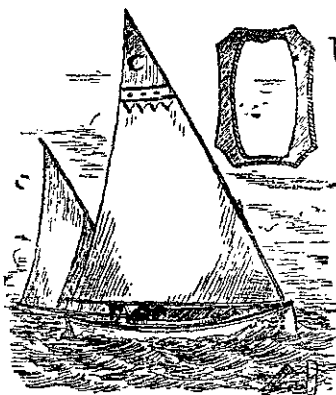
WHEN the football season ended two years ago, the outlook was, indeed, dubious—out of the League, several games forfeited, the Association heavily in debt. The crisis passed, and, spurred on by the energy of despair, Tech put the finest team she ever possessed into the field last season. This fall, with nearly all the old players back and a full treasury, the prospects are such as to “enthuse” the most phlegmatic of our students. Negotiations are under way to establish a triangular league with Trinity and Brown. For various reasons we cannot join the league with Dartmouth, Amherst, and Williams, therefore this is the next best thing. Brown has secured some strong players this year, and will put up a better game than ever before. Trinity always has a good team. If we can inspire a proper amount of enthusiasm, the championship games promise to be exciting enough to satisfy the most ardent lover of sport—if we enter the League. Unfortunately Brown has taken a stand which can expose her to the charge of countenancing at least semi-professionalism in her athletics. While she maintains this position, efforts to form the league are useless. It would seem that Brown might yield her point to the majority, especially since she is virtually weighing one or two men against the consummation of a plan which would be infinitely more beneficial to her than a dozen football players. Her action is condemned by many in the athletic world.

Whether a league materializes or not, we have a team worthy of our staunchest support,—a team that can advertise Technology in the college world as we wish to be advertised. So do not seek to escape the “subscription fiend” when he approaches, but give cheerfully all

you can afford in aid of a worthy object. One thing more we may mention here. In times past it was customary to see a large number of ladies present at all the games in which Tech participated. This we wish to see revived. Every man who has a fair friend to take to a game, take her. Let her clap for Tech while you yell, and see what the result will be,—victories before deemed impossible.

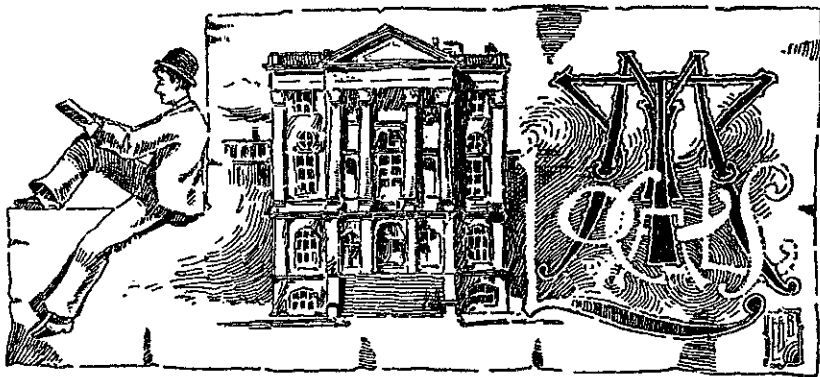


WE do not wish to harass our readers with our troubles, but the present state of affairs makes a plain statement necessary. THE TECH has been laboring for two years to pay off a debt started three years ago. Its editors have not received one cent of pay for their services, but have worked hard—harder than any one can realize who has not occupied a similar position—in endeavoring to produce a paper worthy of Technology. If any person believes mere “honor” is sufficient reward for the sacrifice, let him start a paper and try it for himself; he shall have our subscriptions. But to come to the point: this year many of our old advertisers, almost the sole support of THE TECH, are obliged on account of business depression to decrease their “ads.,” or else discontinue them. Of course our revenue is correspondingly lessened, and it remains for Tech men themselves to decide whether or not they are to have a representative college paper. It is impossible to issue a first-class weekly on second-class income; and what we need is *subscribers*. It is not enough to buy the paper each week,—we must know how much money we can count on. And as for the men who buy THE TECH in sets,—passing a single copy around,—well, their spirit is commendable! Should THE TECH cease to exist, every man would appreciate his loss, and wonder at the lack of spirit here; yet how much is he doing now to help the cause? NOW IS THE TIME TO SUBSCRIBE.



OUR musical organizations start this year with bright prospects. Under the able coaching of Mr. George L. Lansing, the great banjoist and composer, and the energetic leadership of Mr. Shepherd, '95, the Banjo Club ended last season as “one of the finest college clubs in the country.” It is confidently expected by Technology at large that this record will be improved and advertised during the present year. It has been proposed to increase the Banjo Club to eleven; and this is certainly wise, for lack of power is the chief trouble with the present players, and this can be overcome by additional men. There is little probability of the increase in numbers affecting the ultimate good time and expression in playing for which the old club was remarkable.

The Glee Club has begun to organize in an energetic manner, and with past experience should make great improvement. There is plenty of good musical material of all sorts in Tech this year, and it will certainly pay all men included under that head to show it. Our alumni in Chicago talked seriously last summer of inducing the clubs to visit the city during the next semi-annual vacation, a concert to be given one evening and followed on the next by the annual dinner of the Northwestern Alumni Association. Such a trip, with a guarantee of financial success, would be of immense benefit to the clubs, as well as a blessing to Technology. The former would attain a stability otherwise impossible, and the Institute would exhibit to the general public a side of its life but little known. And, argue as one may, Technology needs to have its social, musical, and athletic functions developed and shown, both to produce the broadly educated men that Tech aims to make, and to secure the recognition abroad which we are qualified to receive even in circles other than scientific.



Subscribe!

All out for the Gym!

M. E. Lab. opened Tuesday, September 26th.

Will that '95-'96 baseball game ever be played? No.

These are the days that harrow men's souls, and pocketbooks, too.

The Freshman Class were addressed by President Walker on Saturday.

Game with Exeter this Saturday on Congress Street Grounds. All go!

Mr. Andrews has compiled an interesting pamphlet giving a list of the periodicals received by the Institute library.

The Architectural department has registered 114 students. This is the greatest number this department has enrolled at one time.

The Freshman Class has much good athletic material. G. M. Lane is a promising sprinter. The football material can be noted better later.

In spite of all rumors that '97 had passed the 400 mark, it is officially supposed that the class is not as large as was last year's Freshman class.

Any men desiring to obtain advertisements for THE TECH should consult Mr. C. R. Knapp, '94, Course IV., regarding rates, space, and commission.

Professor Létang's successor is fulfilling the greatest expectation of the Architects, and the Beaux Arts men have now a very enviable reputation at Technology.

'94, '95, '96, and '97, there is room for several of the "write" kind of men on THE TECH Board of Editors. Try your hand.

A very neat pamphlet has appeared during the summer which briefly points out the characteristics and equipments of the courses in Electrical Engineering and Physics.

Students of Course II., third year, have a very enjoyable piece of drawing to do this term. It is a compound yacht engine with Joy valve gear, made by the Fore River Engine Co.

For the benefit of '97 we call attention to the exchanges of THE TECH, which are to be found upon the small table in the General Reading Room. They should be kept on this table when not in use.

Mr. Frank H. Thorp, Ph.D. (Heidelberg), M. I. T., '89, Course VI., formerly assistant in Industrial Chemistry, returns to Technology at the beginning of next term as instructor in Ind. Chem.

The following is one of the results of the first meeting of '97: Temporary Chairman, Hosford; Constitutional committee, Campbell, Pike, Mansfield, Franklin, Stiles. Several other names have been suppressed.

In the Mechanical department, Instructor Collins, and Assistants Wells, Newkirk, and Robinson, have left, and in their places are Instructor Ball, '90, and Assistants Du Bois, '91 Course VI., Richardson, and Crosby.

Messrs. Hawley and Leber, two of '95's "Technique" artistic staff, will not return this year. Their places will be filled by the men handing in the best competitive sketches. Look alive once more, all you Sophomores who can sketch.

A fine group photograph of Lieutenant Hawthorne with the '96 commissioned officers may be seen daily in Room 37, Rogers, from 10 to 11 A. M. Reduced copies (12 x 15) may be obtained of Partridge, Photographer, Brookline.

In the Biological department Dr. R. P. Bigelow has been appointed Instructor of Morphology, and Mr. Theodore Hough, Instructor of Physiology and Microscopic Anatomy. Mr. Keith, '93, is now assistant in the laboratory.

The gym. is resplendent with a new coat of paint. Lockers have been repaired, and the apparatus is in good condition, presenting a neat and inviting appearance. The interior conditions point favorably to an increasing interest in athletics.

Special classes in shopwork have been arranged as follows: carpentry and wood-turning, Monday, Wednesday, and Friday, from 9 to 12; forging, Tuesday, 2.15 to 4.15 P. M., Thursday, 9 to 12; chipping and filing, Saturday, 9 to 12.

The necessity of a thorough training in French is now apparent to the third year Architects. Not having yet acquired a sufficient control of the English language, Mr. Despradelle gives his lectures and instructions to the class in French.

Students in fourth year M. E. Lab. are working upon the following: Testing the Davis feed pump, belts on the horizontal belt machine, the pulsometer, the condensers, the flow of steam, the efficiency of jacks and pulley blocks; and setting valves on the Kendall engine.

The large circular slime table, used for washing fine ores in the mining department, is being reconstructed. The slope previously employed, one and a half inches to the foot, is believed to be too steep for most purposes. It is expected that a great improvement will result from the change in slope to three-quarters of an inch to the foot.

Mr. Frederic W. Baker, '93, is to take a course in Naval Architecture at Glasgow, Scotland, this winter. He took an extensive cruise on the U. S. S. Enterprise to England, Spain, the Canary Islands, and Madeira.

Old Tech and its associations are to be dear memories, and he hopes "to show the Scotchmen that we had some time for athletics."

The September number of the *Cosmopolitan Magazine* is proof that energy well directed may accomplish wonders. The World's Fair forms the leading subject; in fact it is a beautiful guidebook in itself. All who are interested in the Fair would do well to get this number, for it gives certain views of the buildings and grounds that can hardly be obtained elsewhere.

As yet few of the lock boxes at the Cage have been rented. This surely cannot be from lack of appreciation, for these boxes are a great convenience, as all who possess them are aware. The cost per year is only \$1.50, which may be shared by two men. The entire income from rent is applied toward scholarships, an object worthy of our support even were the boxes useless.

The Glee and Banjo Club candidates met in Room 21, R. B., last Friday. The aspirants are numerous and enthusiastic, and many have undoubted ability. With Mr. George Osgood, one of Boston's most noted musicians to coach the Glee Club, and Mr. George L. Lansing, whose fame as a banjoist and composer is national, we need have no fear concerning the standing of our musical organizations this year.

Those who desire may have THE TECH left at the Cage each week for them by notifying R. B. Price, Box 116. If preferred, the paper will be mailed to the residences of subscribers. Any delay in the receipt of THE TECH should be communicated immediately to C. G. Hyde, '96. Any suggestions for improvement in the paper, its make-up, or distribution, will be gladly received by the Editor in Chief.

The Columbian Catalogue, issued by the Institute in connection with the World's Fair exhibit, is in every way a credit to Technology. It shows several good views of the various

buildings, with some interiors and a few groups of apparatus. The half tones are generally clear, and the brief account of Tech, its foundation, requirements, purposes, and equipment, are interesting, making a very attractive little souvenir.

The following changes are noted in Course IX.: Mr. Currier has been made Assistant Professor of history, and will take charge of some of the courses formerly conducted by Prof. Levermore. Other courses will be conducted by outside lecturers, of whom Professor John Fiske will be one, until more definite arrangements can be made. In the department of political economy, Mr. Wm. Z. Ripley will conduct several courses. Professor Bates will take charge of the English work, in Professor Carpenter's stead.

The extra Class Day TECH was a success in every way. Ninety-three's Class Day Committee took charge of its publication, and gave little sign of their novitiate. There was, however, a little trouble in regard to the distribution of the papers, and some, perhaps, who paid for the issue did not receive it. If any of these will notify us, copies will be forwarded to them immediately. Others who desire copies would do well to apply at Maclachlan's or THE TECH office at once, for only twenty odd numbers remain.

Mr. E. S. Sweet, M. I. T., '95, is now junior partner of the firm Nickerson & Sweet, Malden, Mass. The business is photographic reproducing by a new and improved method. All line drawings are reproduced on gelatine, at half the expense of zinc etching, and equally well. We wish the concern all success.

In the future, Tuesday of each week, from 1 to 1.30 P. M., will be the regular office hour for THE TECH editors. At that time men trying for the paper may consult the Editor in Chief with regard to quantity, kind, or style of matter to contribute. Back numbers of THE TECH may be secured, subscriptions

handed in, and general information relating to the paper may be obtained. Office, Room 30, Rogers Building.

Here's to your health, Ninety-seven! You may be smaller (financial depression, of course, explaining your shortcomings) than your great predecessor, Ninety-six, still we expect wonderful things of you. We hope to see you show up better in the trials before you than you have yet done on our subscription list. Remember, THE TECH may be to a large extent your guardian and save you many hard knocks and perhaps numerous scornful jeers from the mighty Soph. THE TECH can initiate you into the mysteries of Technology life, tell you much about the various departments, clubs, and organizations here. THE TECH desires to help you, to convert you as speedily as possible into a well-informed body, capable of meeting successfully your responsibilities, and performing to the best advantage your manifold scholastic, social, and athletic duties.

It is with much pleasure that we chronicle the marriage of Mr. Thomas Pelham Curtis, '94, to Miss Frances Kellogg Small, of Washington, D. C. The ceremony took place at Christ Church, Baltimore, Md., on the 4th of last August. Mr. Curtis showed that his old friends were not forgotten amidst his new happiness by the number of invitations sent to Tech men. The honeymoon was spent partly at Chicago, whence Mr. and Mrs. Curtis returned to settle for the winter at Cambridge. All who have known Mr. Curtis will be pleased to learn that he intends graduating in Course IV. with his class, and all Technology may rejoice in the fact that he is to play football again. His splendid work in the Cornell game of last year, when he played full back, a position then new to him, is a guarantee for good work this year. THE TECH offers hearty congratulations and best wishes for a happy and harmonious combination of matrimony, athletics, and architecture.

Messrs. Cox, '94, Flood, '96, and Greene, '95, had charge of the Technology Headquarters, on Michigan Avenue, in Chicago, last summer. Mr. R. K. Sheppard, '94, superintended the installation of the Tech exhibit in the Manufacturers' Building, and retained charge of it until the latter part of July, when he was relieved by Mr. W. S. Hutchinson, who is still there. Up to September 17th, 805 persons registered at the exhibit. These were distributed as follows:—

Officers of instruction	.	.	.	36
Class '68, 2	Class '78, 2	Class '88, 26		
'69, 1	'79, 10	'89, 24		
'70, 3	'80, 3	'90, 49		
'71, 3	'81, 3	'91, 50		
'72, 4	'82, 2	'92, 58		
'73, 3	'83, 4	'93, 74		
'74, 2	'84, 18	'94, 108		
'75, 7	'85, 17	'95, 107		
'76, 11	'86, 22	'96, 98		
'77, 5	'87, 32	Young women, 21		

Many more Tech men were in Chicago, who failed to register for lack of time, or else through inability to find the exhibit in the maze of the educational section.

A meeting of the M. I. T. Football Association was held last Thursday, in Room 11, R. B., to consider the proposed triangular league with Trinity, Brown, and Tech. Preliminary arrangements for the league were made last spring, and all continued smoothly this fall until it was found that Brown proposed playing men who were connected with the University for postgraduate work, taking very few lectures, but intending to pass examinations for degrees. Trinity and Tech objected to this, stipulating that undergraduates alone should be eligible to the teams. The principle is that which caused such excitement at Yale last year, an attempt to wipe out all traces of professionalism from college athletics. Arguments were advanced concerning Tech's stand, *pro* and *con*, the general sentiment being that Tech should abide by her decision, but use every effort to form the league. Finally the meeting was ad-

journed until the following day, in order to ascertain if Trinity were still firm, or whether it remained for Tech alone to object and be responsible for dropping the league. Friday, President Clark opened the meeting, and a telegram from Trinity was read stating that Trinity would play nothing from Brown but an undergraduate team, and Tech voted to sustain her. Meeting adjourned.

It will be of great interest to all, and especially suggestive to students who believe themselves worked very hard at the Institute, to note how President Walker spent his "summer vacation." As chairman of the Massachusetts State Committee of the World's Fair he has been called to Chicago three times already, and has yet another visit to make this month. While in Chicago he read a paper before the Congress of Education, and presided over three sessions of the Congress of Technological Education, before which body he also read a paper. In September he presided over the sessions of the International Statistical Institute at the University of Chicago. The president of this Institute, who lives abroad, was unable to attend, on account of his great age, and the honor naturally fell to President Walker. Later on he read a paper before the American Economic Association on the value of money. Fortunately this paper will be printed in the *Quarterly Journal of Economics*, and will accordingly be accessible to all interested in this subject.

In addition to this, President Walker answered an article in the *Atlantic Monthly*, written by Professor Shaler. The latter held that technical schools should be under the supervision of, and attached to, some university. President Walker's reply appeared in the same magazine for September. This is a question which, as students of Technology, we are frequently called upon to discuss; so every student should read both articles thoroughly. We enjoy courting comparison between them.

The Mechanical Engineering Laboratories.

THE Mechanical Engineering Laboratories of the Institute have ever been receiving valuable additions to their equipment, but it would seem that in the number made during the past year, former records have been completely outdone.

First upon the list for the past year comes the 300,000 pound Emery testing machine. This machine is one of three of the kind in this country. Of the other two, one is located in Watertown and the other at the World's Fair. Both are owned by the Government. Cornell University has a machine of the same capacity, built by Riehlé Brothers. No systematic series of tests has yet been made upon our machine, though several 10 x 12 posts of hard pine and oak from 10 to 15 feet long have been broken. On last commencement Day a number of bars of Norway iron, 2 inches in diameter, were broken in tension. This machine will easily indicate down to single pounds. Even the pressure of a finger upon the holder of the weighing head is measured by the scales. The Institute is fortunate in possessing such a piece of apparatus. The lack of experimental knowledge in certain lines is so great that it must be regretted such a machine cannot be kept in operation all the time.

The Applied Mechanics Laboratories have had many other additions. The 17,000 pound beam machine is a prominent one. This was chiefly the design of Professor Miller, its capacity being such that a great deal of the beam testing can be done upon it which formerly had to be more laboriously done upon the large machine. During the summer the old familiar 50,000 pound beam machine has gone. In its place is a larger machine, 125,000 pounds capacity. It differs in design from the old one, and is better fitted for the work done upon it.

In the corner behind the 17,000 pound beam machine is a powerful-looking piece

of apparatus for determining the torsional strength of materials; in other words, a "twister." It will twist in two a 3-inch shaft 8 feet long. Its design is chiefly Professor Miller's. In the course of the year past a neat machine for testing wire has been obtained; also a hydraulic outfit for testing pipe fittings, etc.

The Steam Engineering Laboratories have also fared well in the past twelve months.

During the summer an indicator tester has been installed. This piece of apparatus, although not a common one, was badly needed. Its rarity is partly due to lack of realization of the necessity for testing indicators. Another important addition is a Blake direct-acting duplex pump. It has a 16-inch steam cylinder, a 10½-inch water cylinder, and a 12-inch stroke. It works under a steam pressure of 65 pounds, and discharges water through a 7-inch pipe. This pump will be set up in time for the fourth-year tests this fall. Last spring a 4-inch four-plunger Davis feed pump was put in the laboratory. Tests upon it will be made this fall. A Douglas hydraulic ram, a 2-inch Hancock ejector, a 3-inch Worthington water meter, and a machine for finding the coefficients of friction of lubricating oils, complete the list of additions for the year.

The Mechanical Engineering Laboratories have now a splendid outfit. They have improved rapidly in the past few years, until now it is safe to say that their equal in equipment or handling is hard to find.

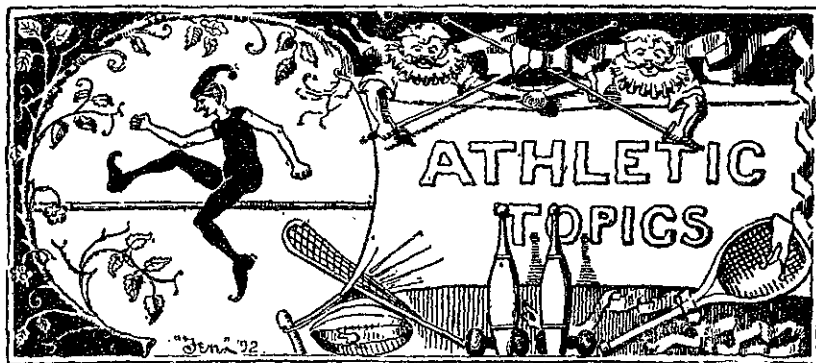
Ambiguous.

He who from parting maketh bliss,
(For "parting such sweet sorrow is,")
Must fain have parted with a kiss.

Did he in parting kiss a miss,
And part, in parting, with a kiss?
Or else in parting miss a kiss,
And thus in parting part with kiss?

If not, he then did kiss amiss,
And would fain have parted with that kiss.

R. B. P.



Schedule of games to be played by 'Varsity Team :—

- Oct. 7. Exeter, at Boston.
- Oct. 11. B. A. A., at Boston.
- Oct. 14. Amherst, at Amherst.
- Oct. 18. Andover, at Andover.
- Oct. 21. Worcester Tech, at Worcester.
- Oct. 25. Exeter, at Exeter.
- Oct. 28. Dartmouth, at Boston.
- Nov. 1. Trinity, at Boston.
- Nov. 4. Amherst, at Boston.
- Nov. 8. Brown, at Providence.
- Nov. 11. Williams, at Williamstown.
- Nov. 15. Trinity, at Hartford.
- Nov. 18. Brown, at Boston.

Following is a partial list of the Harvard football games to be played in Cambridge :—

- Sept. 30. Dartmouth.
- Oct. 4. Exeter.
- Oct. 7. Amherst.
- Oct. 11. Bowdoin.
- Oct. 14. Williams.
- Oct. 18. Tufts.

Considerable interest is manifested in football; some thirty players appear daily on the Clover Field. All who can play should not fail to come out for these first few weeks of trial.

Ben Hurd, Jr., '96, has distinguished himself and Technology this summer by winning a great many prizes in the various handicap games in and around Boston. His best performance was his winning the New England 220-yards hurdle championship.

Mr. Walter Marmon has won the following bicycle events this summer: At Ansonia, Conn., June 3d, first in 1-mile 2.35 class. At Indianapolis, July 4th, first in mile handicap from 60 yards, time 2.24; second in 1-mile open; third in 3-mile handicap from 150

yards, time 7.23. At Fort Wayne, Ind., July 25th and 26th, in the State championships he won first in the quarter, half, mile, and five mile championships, and second in the two-mile. At Indianapolis, Aug. 24th, first in Zigzag Cycling Club, 1-mile championship.

Every man who has interest in the welfare of the 'Varsity Football team was glad to see "Snake" Curtis don the moleskin Plymouth Rocks and report at the Clover Field. His great work in last year's games with Amherst and Cornell proved him to be "of the finest."

Johnson, '94, who played guard last season, has gone to Harvard, where he is trying for the position of right tackle on the 'Varsity. So far he has done very well during practice, and stands a good chance of making the team.

Mr. Leber, '95, will not return to Tech this year. It will be remembered by all who saw the '95-'96 game that his work at half back was a feature, and he would probably this year have made the 'Varsity.

We are glad to see our old 'Varsity captain, "Willie" Clarke, playing the game once more.

The Sophomore eleven has already commenced training. Look out, '97, or they will get ahead of you.

The gym. is crowded every afternoon now not only by the football teams, but also by men getting into trim for the coming athletic events. It is very gratifying to see the number who go out for a run every evening, and also to observe how many turn their attention to indoor work. There are several who show considerable ability in jumping.

The Corporation has accepted the resignation of Mr. Whitehouse, and has appointed H. H. Boos athletic instructor. Mr. Boos comes from Harvard, and has shown himself to be a very good man for the position. He will be in charge of the gym. from four to six every afternoon, to give individual help, as well as class work.

Marmon was hurt at Buffalo sufficiently to prevent his entering any of the Eastern races, where he would surely have secured several more prizes if in his usual form.

B. Hurd, Jr., was Captain of the B. A. A. Athletic Team, which won second place in the championship games at Chicago. New York A. C. was first. Hurd himself suffered from a severe accident, and so was prevented from winning the events his previous records guaranteed.

Hurd broke his record of 28 seconds in the 220 low hurdles made at our games last spring. The new Tech record in that event is $26\frac{1}{5}$ seconds,—a great improvement.

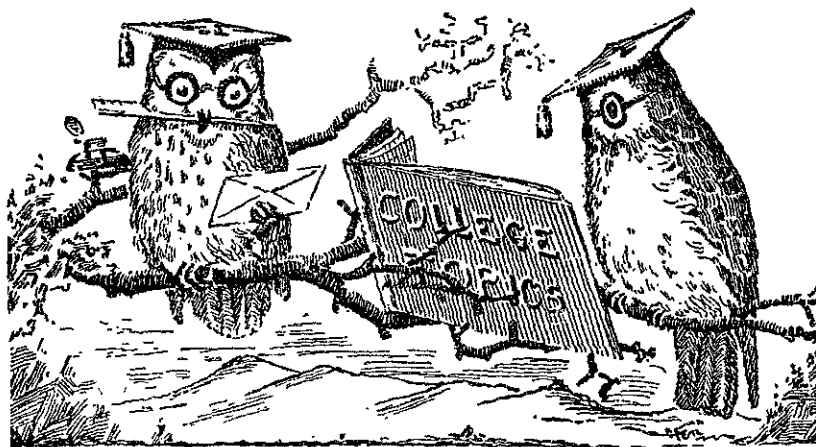
F. C. Hersey has joined the Suffolk Athletic Club, and will in the future run under its colors.

The '95-'96 baseball game, postponed from last spring, is now given up, to the regret of '96 men, who have kept in shape all summer.

Hurd, '96, Lord, '94, Marmon, '95, and Hersey, '96, have done splendid work for Technology in athletics during the summer.

May 20th, Ben Hurd, Jr., won first in the 120 high hurdles, in 17 seconds. He had three yards on Shead, who was second. July 1st, at Lowell, Hurd won first in the 220 low hurdles, and second in the quarter mile. July 15th, in the T. A. C. games, he won second in the 100-yards run. In the 100-yards "novice" run, F. C. Hersey, Jr., won first, in $10\frac{3}{8}$ seconds. Events have been won in more recent games as follows:—

- Aug. 12. Working Boys' Home Games.—Hurd, first in 100-yards run, $10\frac{3}{8}$ seconds; Hurd, first in 300 yards hurdle, 39 seconds.
- Aug. 26. B. A. A. Games, Holmes Field.—Lord, third in 440-yards run; Hurd, first in 120 high hurdles.
- Sept. 2. New England Championships.—Hurd, first in 220 low hurdles, $26\frac{1}{5}$ seconds (Tech record); Hurd, third in 120 high hurdles.
- Sept. 4. L. C. A. A. Meeting, at Lowell.—Hurd, second in 220-yards run.
- Sept. 14. World's Fair Games, Chicago.—Lord, third in 100-yards hurdles (handicap).
- Sept. 16. Championships of the World, Chicago.—Lord, third in 120-yards hurdles.



Amherst's two new physical and chemical laboratories are completed.

The new medical school in connection with the Johns Hopkins hospital will be opened next October.

The college library at Dartmouth will hereafter be opened for the students on Sunday afternoon.

Both Princeton and Harvard will play Cornell in New York this season.

The first game Yale will play is with Wesleyan, on October 7th. She meets the West Point Cadet team this season, for the first time.

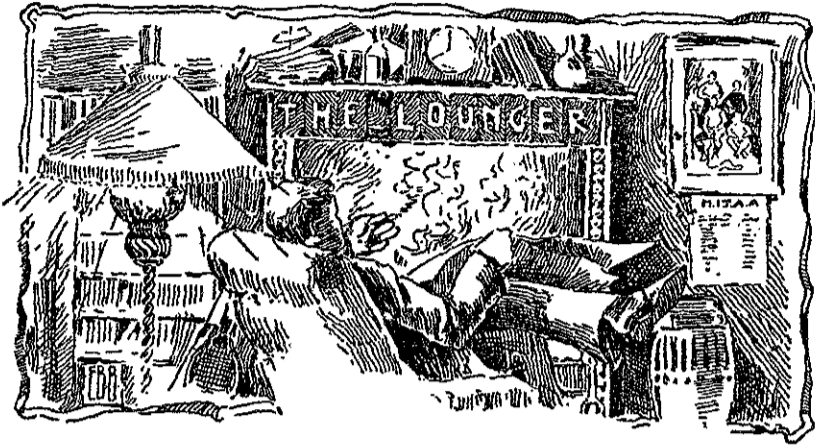
The University of Pennsylvania will lose the services of full back Thayer, half back Camp, and rushers Schoff, Simmons, Reese, and Thornton.

Yale loses only two rushers, but she will find it a difficult matter to fill the places left vacant by Laurie Bliss and Vance McCormick. Her center men, however, will be hard to beat in any of the college teams this season.

The University of Pennsylvania is jubilant over the fact that an agreement has been signed with Harvard by which the two universities bind themselves to meet upon the football field for two successive years.

Athletic Manager Herbert H. White, of Harvard, will have 4,000 new seats erected on Jarvis field, similar to those on Hampden Park, Springfield, with more slant. They will be strong and comfortable, with a solid floor.

Garfield, captain and half back of last year's team at Williams, will enter Harvard Law School this fall.



YES, the Lounger is here once more, in spite of due bills and faculty *billet doux*, and with proverbial luck he will stick it out another year in his vain sheep chase. In the meanwhile, to the trembling Freshman he extends a compassionate greeting as he thinks of the thumps and dull thuds awaiting the unsuspecting youth. For these sad consequences of youthful verdancy, if for no other reason, does the Lounger preserve his yearning affection for his little ones, and will continue from time to time, as in the by-gone days, to speak the words of counsel and reproof. Did the Freshman but fix his uncertain gaze on this guiding star, what dangers would he escape! Yet, how, as ever, will he persist in following out his own impromptu desires, and fall, ever and anon, into the foul tricks and ensnarements of the gleeful Soph. Now again will the slippery Sophomore be installed as President of the Freshmen, and all the devilish ogeries will begin. Ah, Freshman, sad is thy lot except thou investeth the pittance of two hundred and fifty cents of thy fast-disappearing capital stock in the weekly Lounger. Of course THE TECH goes with the Lounger, so your weekly dividends will prove additionally reimbursing.

And who is this Lounger, whose acquaintance you must cultivate? Know, then, that he is the sad remains of one who, like you, started forth to conquer and to dare. But, alas! on the rocky road to glory, he has encountered many a pitfall. For many long years has he faithfully endeavored to please the Profs., and quietly depart these halls of fame, but Fate, and the Faculty, double F's, as it were, have interfered. Although his Tabular View preserves a semblance of its former self, he spends most of his time between the dusty corners of the Tech office and his fireside. So long has he fruitlessly followed his course, so great is his varied experience and acquaintance, that to-day he is enrolled as the friend and adviser of all. Every Thursday he lingers about the corridors as the clock

points to one, and is ready to greet you. His highest aims are to amuse and instruct, that you especially, Freshmen, may learn of what awaits you, and what the Tech expects of you. If, perchance, his words seem harsh, reflect 'twas ever thus,—the most bitter pill is often most effective. Believe that the Lounger wishes you well, and know that only through him can you hope to “see yourselves as others see you.”

Now that the day of days, the hand-shaking, good-natured day of all is over, the Lounger turns him round, before settling in his time-worn chair for the annual hibernation. How many of the landmarks are no more! Time's destructive finger has traced its way through the ranks, and few of the regulars have escaped. Prof. and student have succumbed to the inevitable or else have gone to higher regions, and, before these pensive words have seen the light, the annual musters will have portrayed vacancies unsuspected during the exuberance of first greetings. Even the bird has taken a pilgrimage, and again have shifting scenes said farewell to old friends and ushered in a mob of uncivilized heterogeneity. With a sad sigh, then, for the great departed ones, the Lounger turns toward the increasing whirl of machinery, and forgets the past in the present.

Have you noticed the hesitating manner with which the students put the question, “Have you been to the Fair?” Yes, a new freak has developed during the summer, and he excites the Lounger's profound sympathy. This freak is called the World's Fair crank, but oftener he belongs exclusively to the Midway. He is the man who knows everything from the diameter of the Ferris to the diameter of a South Sea Island cranium. He has ridden a camel in the street of Cairo, and pulled the lion's tail at Hagenbecks. Beware of him! He can tell you everything but the price of beer in old Vienna, and ten chances to one he will swear it was sweet cider.

The Lounger regrets that he cannot do justice to the accounts he has received of the '97 class meeting. If Dame Rumor knows her own voice, however, the details are sufficiently vigorous to live till the next number of THE TECH.

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UNCLE SILAS ON POETRY.

I've read in the papers 'bout some kind o' thing
 Called poetical license, or some such blamed stuff;
 But I think, after readin' some poems on spring,
 That them license laws aint, by one half, strict enough.
 —*Lehigh Burr.*

FRIENDSHIP.

It was a harp of olden time,
 None knew the secret of its strings;
 A world of melody divine
 Men passed, intent on other things;
 Until there came a harper gray,
 Whose soul was wrapped in mystery,
 And 'neath whose sympathetic sway
 All discord changed to harmony.

What power, my friend, is this, divine,
 Which we but feel, that gently came
 And linked thy dissonant heart with mine
 In one inspiring, heavenly strain?
 Who is that harper calmly stealing
 Across our lives, harsh though they be,
 And with a magic art revealing
 New worlds and thoughts for you and me?
 —*Yale Lit.*

HARD WORK.

Some say 'tis no very small matter
 To write a few lines of verse;
 Their thoughts and ideas all scatter,
 And act in a way most perverse.
 But from others to get a few verses
 Is a far more difficult task.
 It provokes you to violent curses:
 If you doubt it, just try it, I ask.
 —*Brunonian.*

LIFE.

"I would be happy," cried the youth,
 And knowledge made his aim;
 But when 'twas gained he found, forsooth,
 Not happiness, but fame.
 "May I be famous!" the desire
 Of one who strove not less.
 His work, however, did acquire
 Not fame, but happiness.
 —*Brunonian.*

THE LOVING MAIDEN.

(Tuesday morning.)

"Accept," she reads, "these verses light,
 Thrown off in idle mood and mellow."
 How lovely of him! And how bright
 He always is, the brilliant fellow.

THE BRILLIANT FELLOW.

(Two nights before.)

"Accept," he writes, "these verses light—
 Confound it! not one rhyme for verses;
 This one quatrain will take all night;
 Mercies? Purses? Hearse—oh, curses!"
 —*Purdue Debris.*

WHEN YEARS HAVE PASSED.

When years have passed, may memories sweet
 In loving hearts our names repeat;
 And though no pomp attend the bier,
 The tribute of an honest tear
 Will be an epitaph complete.

Pass thousands with unpausing feet,
 Some loftier monument to greet;
 So one true mourner lingers here
 When years have passed.

Life seems a tissue of conceit;
 Like shadows o'er the wave we fleet,
 Yet still we long, that far or near,
 Some thought may hold our memory dear,
 Some heart with love unstilled may beat,
 When years have passed.
 —*Southern Collegian.*

THE MERMAID'S SONG.

The mermaid sang in the green sedge grass,
 While the wild winds whistled in glee;
 She sang as she looked in her looking-glass,
 A weird, sweet song of the sea.

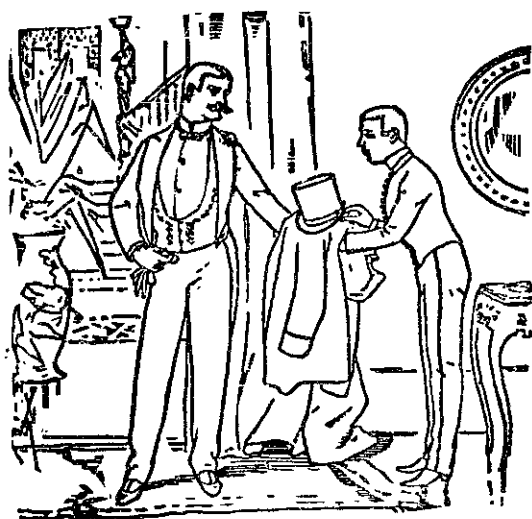
She sang of the caverns, wondrous deep,
 Where millions of gems glow green;
 She sang of the dolphin, sound asleep
 On a pillow of pearly sheen.

She sang of the sea-horse, and told his might
 While he rides on the racing wave,
 And frightens the pale-eyed sailors at night,
 And sleeps in a ruby cave.

And she mimicked the note of the wild sea-mew
 Who shrieks in the teeth of the gale;
 And she sang the anemone's changing hue,
 And the bumptious pranks of the whale.

And then, while her voice grew soft, I ween,
 And the wild winds tarried to hear,
 She sang of the triton's brown, brown een;
 And she called the bold triton a dear.

—*Harvard Advocate.*



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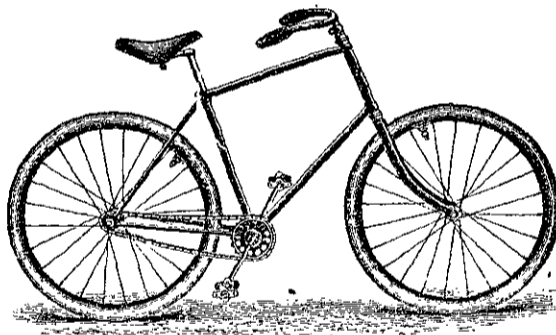
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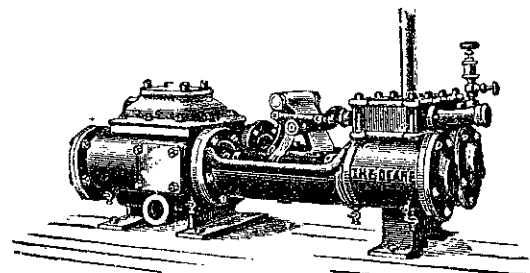
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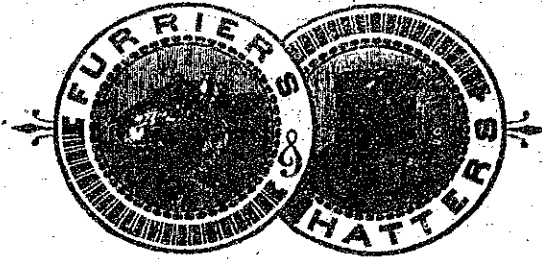
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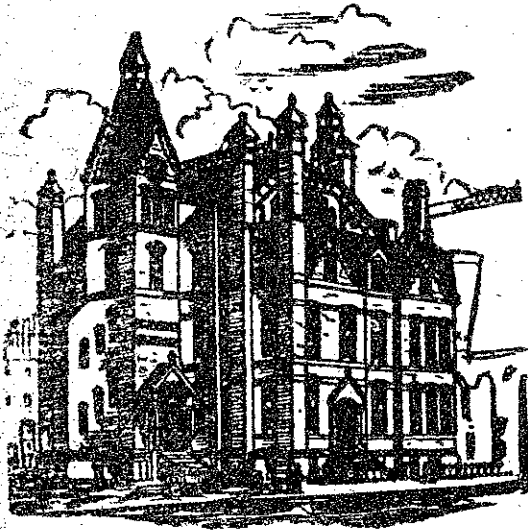
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