

THE TECH



A candidate for the M. I. T. Yacht Club.

VOLUME XVII.

APRIL 21, 1898.

NUMBER 25.



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THE TECH

VOL. XVII.

BOSTON, APRIL 21, 1898.

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THE TECH

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JOHN MAGEE, '99, *Editor in Chief.*

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P. Y. DUNWOODY, '01.

EDWARD B. COOKE, 1901, *Business Manager.*

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.

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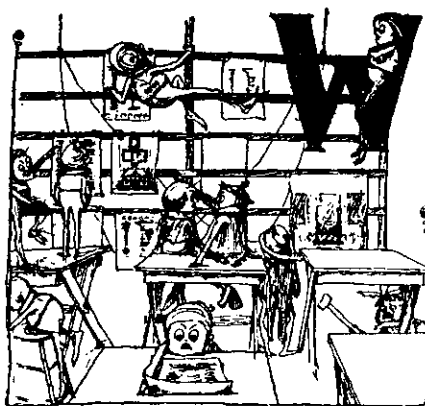
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THE TECH welcomes the advent of another Junior Week, and, judging from present indications, probably the most enjoyable Junior Week that it has ever been its pleasant duty to welcome.

There are many attractive events scheduled for the week, and they promise to be of exceptional interest to Tech. men. The Walker Club play, concert of the Musical Clubs, Junior Prom., and THE TECH reception, all add their share to the general festivities.

The vacation given by the Faculty enables many to go home, and affords a slight relaxation from the arduous round of routine work. We feel sure that the coming festivities will be the best Tech. has ever seen, and we hope each student will do his little part to make them so.



WE wonder how many of our twelve hundred students realize what Technology really is,—we mean, compared with American colleges in general. To the unthinking person, doubtless, the Institute is a pretty good place to study; has fair equipment, hard faculty, and offers a limited amount of fun. Other institutions of learning, known to him, perhaps, only by name or reputation, seem to inspire him with a certain respect, and feeling of Technology's inferiority, or something similar. So it was with us, to a certain extent, until a better knowledge, from investigation, has shown matters in their true light,—and, what a difference.

Probably no college in this country has accomplished so much with so little money as Technology. Our Faculty and Corporation are to be thanked for this. As to present equipment, including that added in the new building, there is not an institution on this side of the Atlantic—and very few on the other—which can boast of facilities superior to ours, both in point of variety and breadth of work covered. Every one of our thirteen courses is so interwoven with the others and with the best elements of a University course, that their versatility and scope have very aptly caused our Institute to be styled a "Technological University."

But what is good equipment without men who know best how to use it? It is through these very men that Technology has attained and now holds her proud position. Nearly every professor is at or near the head of his profession, and their loyalty to the Institute

is probably the chief element in our success.

As to our libraries and collections, they are indeed scattered, but are none the less valuable on that account, since they are distributed among the various departments, where the most good will result.

Do you know what we have been "driving at" all this time? It is this,—we men of Technology have so much to be proud of that our college spirit should be famous throughout the land.



NE of the greatest inconveniences which the students at Technology have to contend against is the great variety of notebooks required by the different professors. For example, in Physics and

Chemistry we are required to have small notebooks; for laboratory work larger books are required; in Mathematics a still different style is used, and so on throughout the whole list.

Not only is it inconvenient to carry around a lot of different sized books, but it is awkward to file them away when they have been filled. An extra expense is also incurred, for often a book only partially filled must be thrown aside because some professor requires one half an inch longer or an inch wider.

It surely seems as though some scheme could be made by which notebooks of a uniform size could be used. The punched paper, now so much used, could easily be made to fulfill all the requirements of the endless variety of books now in use. It can be readily inserted in and detached from the covers; and when a series of notes is completed, the paper can be bound and filed away in a convenient and compact form.

Tech. Society of Pittsburg.

INTEREST was expressed in the welfare of Technology in no uncertain way at Pittsburg on the night of April 9th by the organization of the Pittsburg Technology Association.

Through the efforts of Mr. F. S. Vielé, '91, a dinner was held at the Henry Hotel. Thirty men filed into the new banquet hall, which was tastily decorated with palms. Here the pleasure of meeting old friends and classmates, which was begun in the parlor and corridors, was continued throughout the evening and heartily enjoyed by all.

At the end of an excellent, well-served dinner, Mr. F. E. Alden, '79, called the meeting to order. The motion to form a permanent organization was carried with great enthusiasm. Mr. Alden was unanimously chosen President, Mr. Vielé Vice President, and Mr. H. D. Shute, '92, Secretary and Treasurer. The officers form the Executive Committee, which has charge of the affairs of the Association.

After the organization was effected the President called upon the representatives of the different classes for speeches and reminiscences, which frequently brought forth the Technology cheers. The whole evening was marked by enthusiasm and good fellowship, which would do honor to an undergraduate class dinner.

The following men were present: F. E. Alden, W. H. Rea, '79; D. S. Bissell, '81; C. P. Smith, '87; W. R. Copeland, Fred Crabtree, '89; A. G. McKenna, C. W. Aiken, F. S. Vielé, Morris Knowles, '91; A. K. Church, S. B. Ely, R. W. Bissell, H. D. Shute, '92; C. V. Allen, P. H. Thomas, G. K. Dearborn, G. E. Merrill, S. P. Waldron, '93; C. A. MacClure, '94; R. M. Ellis, P. H. Blodgett, S. P. Hunt, '95; A. Ruckgaber, '96; H. A. Noble, H. W. Hart, G. M. Goodspeed, K. J. Steiner, L. B. Breed, '97.

COMMUNICATIONS.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

TO THE EDITORS OF THE TECH:—

Undoubtedly, every Tech. man living in the vicinity of the Institute knows the pressing need of a boarding house or restaurant where he may obtain clean and wholesome food at reasonable prices. Restaurants where, when entering, he is not met with or almost knocked over by an odor of burning grease or other fumes, rising from filthy, greasy frying pan or pot, are exceedingly scarce, if not entirely wanting. It is a common occurrence to see the waiters empty a water glass that has been used, and simply dry it and place it back on the table, instead of thoroughly washing and disinfecting it; butter scraps are carefully saved and used again in many places. In fact, anyone ever entering the kitchens of most restaurants or dining rooms and seeing the food in the process of preparation would scarcely believe it possible for a human being to eat such food. The reason for all this being that the proprietors of such enterprises resort to every possible means of making an extra penny wherever they think it may not be noticed, at the expense of those who are so unfortunate as to be obliged to eat the "hash" or "trash" they wish to place before them.

In this respect the Tech. is far behind the times. In a letter, telling about the Vegetarian Club at the University of Chicago, my friend says: "A more delightful place to enjoy a meal I have never found. The rooms are so attractive and neat, and everything is clean and tasteful. The tables are always decorated with flowers and fruit of a remarkable variety. Nuts are also always on the table. Besides this, there are three varieties of bread (white, whole wheat, and corn), crackers, rolls, butter, milk, cheese, etc., on the tables at all times. There is no animal fat used, excepting pure butter. All the cooking is done with olive oil or nut-butter, as many of the members object even to animal butter.

"It is remarkable what a variety of delicious dishes are served, even the most confirmed meat-eater would scarcely ever miss his meat, so great is the variety and so wholesome and delicious the food. As to cleanliness in cooking, etc., I can only say that if we wish to give the Vegetarians credit for anything, it must be for the care with which their food is prepared and

selected. I, for my part, have never before enjoyed so tasteful and appetizing a meal as I have at the rooms of this organization. Their price for twenty-one meals is only \$2.50. It seems to me that an establishment similar to this would be of great benefit to Tech. men, provided it were located where it would be convenient to the rooms of a large number of students."

The Vegetarian Society of Boston, which consists to a great extent of Tech. men and professors, has kindly offered to erect such an establishment, and will furnish equally good food at the same, if not even lower prices (\$2.50 for twenty-one meals), providing a sufficiently large number of men take an interest in it, and will express their opinion regarding the locality, etc., either by letter to the Society or in person at a meeting to be held in Room 11, Rogers Building, on Friday, April 22d, at 4 P. M. The object of this meeting is to see whether or not it would be advisable to establish such an enterprise. The University of Chicago has been very successful for the last four years, and we trust the Massachusetts Institute of Technology will do likewise.

VEGETARIAN SOCIETY OF BOSTON.

Address, Cage.

"Technique," '99.

In the evolution of our annual from year to year there has been a steady increase in artistic and literary merit, and in general beauty and finish. Accompanying this there has naturally been a loss of some of the originality and spontaneous wit which characterized the older and cruder volumes. Since the '95 book, "Technique" has been more or less in a rut; it has apparently been the effort of the Editors of the current volume to lift it out of this rut, and their efforts have been attended with success.

The principal innovation is the introduction of short historical sketches in connection with the principal clubs and societies. This is, perhaps, the most successful feature of the book; the idea is good, and it has been well and carefully carried out. The bits of verse sprinkled through the volume add greatly to its interest. The vignettes at the foot of many

of the societies, however, will not, we think, be copied by later books. They show careful thought, but break up the page unpleasantly. No nearer approach than ever has been made to a logical classification of the matter in the book. The few changes from the previous system seem designed more for the mere purpose of change than for any other object.

The artistic work of the book is uneven. Some of the drawings, like the title page (an elaborate bit of three-color work), and the full-page cuts for the Y. M. C. A., the Architectural Society, and the musical clubs, are exceptionally fine. Certain of the sketches, on the other hand, are crude, and this is, perhaps, the only particular in which the book falls short of some of its predecessors. The loss of two members of the artistic staff has thrown a severe burden upon the remaining illustrator, and he deserves the greatest credit for the success with which he has in general coped with the difficulties of the situation.

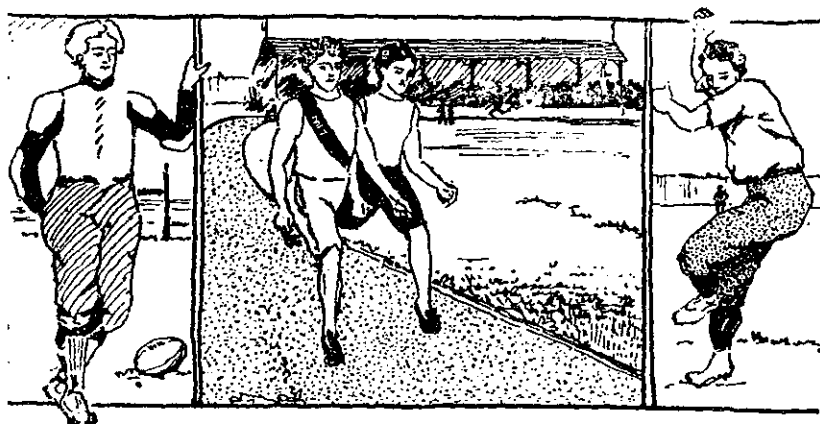
"Technique," '99, is dedicated to President Crafts, and has as frontispiece a really superb photogravure of him. The short sketch of his life is also excellent.

The Class Histories are bright and witty, though lacking unity of plan. The Grinds and Quotations are rather above the average, and noticeably good-natured in tone; the quality of these two departments does not now vary much from year to year. The space devoted to verse, however, shows a very marked improvement over any that has been done before.

In the department of Athletics the tabulation of records, by which those of M. I. T. and the N. E. I. A. A. may be directly compared with the World's Amateur Record in each event, is a decided step forward. The history of the cane rush is interesting. Among the statistics the tables of the location of graduates, and of the number of Institute graduates upon the instructing staff, are new and valuable. As usual, the rhymes and gags among the advertisements form a feature of

the book; and the corner of the Café de Bosphorus is very realistic.

Each succeeding "Technique" Board has a harder and harder task to keep up to the pace of its predecessors, and a little ahead. Ninety-nine has successfully achieved this feat. While we do not consider the artistic work, as a whole, to be as finished as that of '97 and '98, the book marks a distinct advance in wit and originality. It is in every way a worthy representative of what we are proud to believe the foremost college annual in the country. The price of the book will be one dollar.

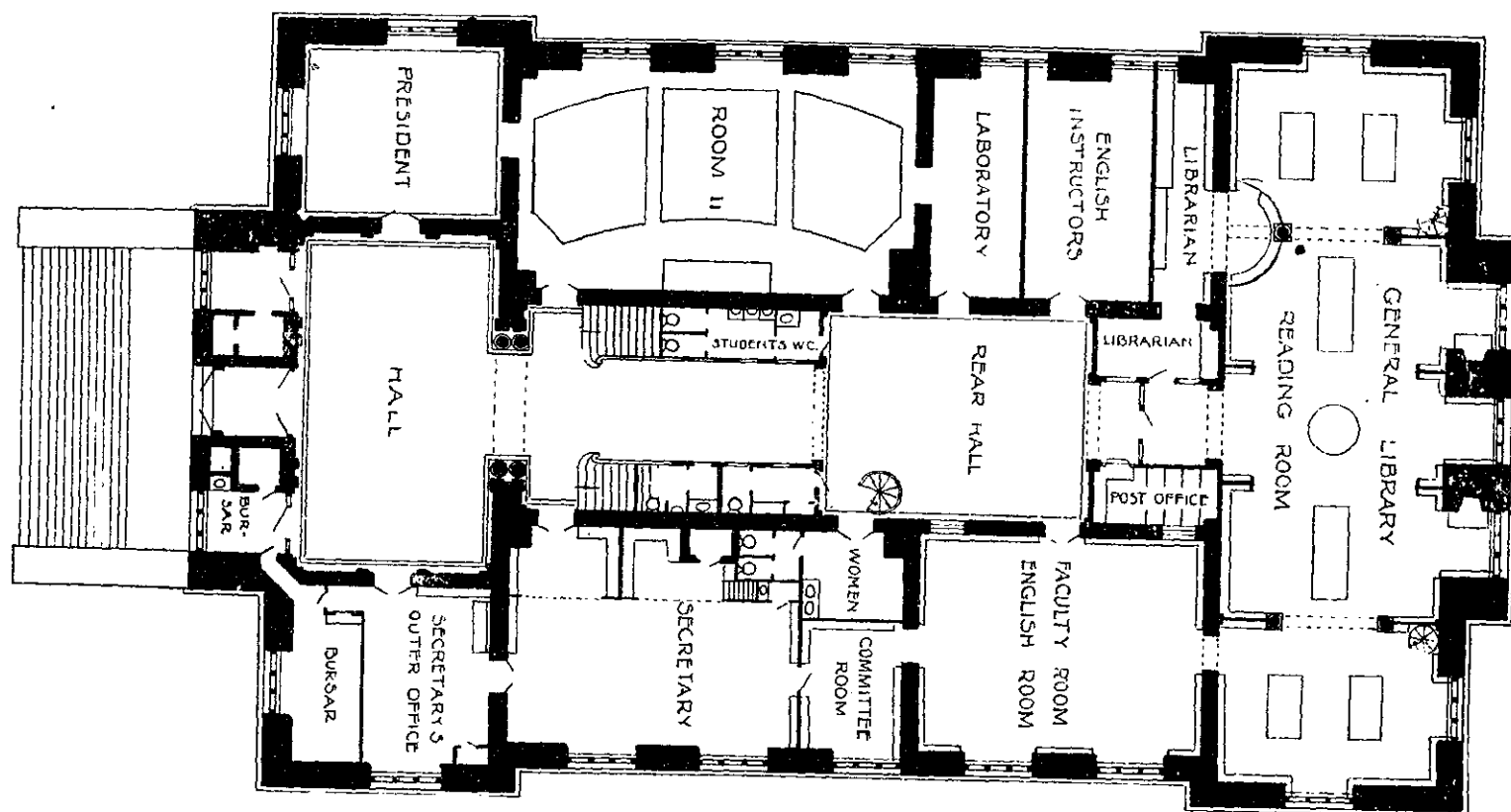


The Treasurer of the Athletic Association has several unclaimed medals waiting demand.

It is hoped to arrange team races between Hopkinson and Noble and Greenough's, Newton High and Brookline High, and two other preparatory schools for the Amherst-Tech. games.

Captain Johnson, of the '99 Team, has arranged a series of games with the Sophomores and the Freshmen. Last Thursday '99 defeated 1901 on Irvington Oval. The playing, especially by 1901, was very ragged. Score, 12 to 6.

Report says that Campbell has dropped out of running on account of work. Let us hope "Report" lies. However important our studies are, they may certainly for a short time be made subordinate to the athletic welfare of the Institute, and in the end the demands of both will be well met.



Changes in the Rogers Building upon Completion of New Building.

THE erection of the new building of the Institute has not only promoted the interests of the departments transferred to it, but has permitted the use of space vacated in existing buildings to excellent advantage. Hitherto, inadequacy of means has precluded any changes beyond those required for the necessities of the moment. Now, however, it is believed a definitive adjustment of important matters is to be reached. This is particularly the case with the Rogers Building, the oldest of all, and the present administrative center of the Institute.

From the first floor of this building the departments of Biology and Geology are transferred entire to the new building. It is, accordingly, possible to devote the large room now occupied by the Biological Department to a general library and reading room for instructors and students. This room occupies the entire rear end of the Rogers Building, 90 x 27 feet, and has excellent light on three sides. With the introduction of a gallery at both ends the new library will provide for an ample collection of general literature, educational

publications, and such other material as does not find immediate use in the numerous departmental libraries of the school. The librarian will have a commodious office at one end of the room, while the other end will be in immediate connection with a large room assigned to the Department of English, now in the third floor of the building. It is believed that the Department will thus come into closer relations with the large number of younger students who will resort to the general library, and that these relations will result in a great and increased interest of these students in the required literary studies. The Department will also have space for additional consultation rooms in the near vicinity. The larger room just referred to will serve as a convenient meeting place for the Faculty, and will be in immediate proximity to the Secretary's office.

The Secretary's office now occupies a floor space of about 670 square feet, which is used to its fullest capacity. It is intended to extend this by including nearly all of the present general library, so that the available floor space will be more than 1,500 square feet.

This extension will provide also for a much needed private office and committee room.

The Bursar's office will profit by the accession of a small room in the front of the building, now used for a students' coat room.

The general effect of these changes will be to make the large hall of the Rogers Building and the adjacent rooms much more worthy, architecturally, of the dignified exterior of the building, and to put the accommodations for administrative work on a permanently satisfactory basis. The large library room will serve as a convenient meeting place for occasional formal gatherings in connection with graduation exercises, etc.

Above the first floor the changes are of a minor character. The mathematical library receives a considerable expansion, while the two rooms vacated by the Departments of Mining Engineering and English become available for recitation purposes.

Technology Calendar.

Thursday, April 21.—Glee Club Dance and Concert in Paul Revere Hall.

Friday, April 22.—Walker Club April Play at Bijou Theatre. "Technique" comes out. THE TECH Reception.

Saturday, April 23.—Champion Handicap Run of the Hare and Hounds Club from Riverside. Take 2.30 train from Columbus Avenue.

Monday, April 25.—THE TECH Board meets at one.

Football Schedule.

The Manager of the Varsity Football Team has been corresponding with various schools and colleges, and up to the present time has arranged the following schedule:—

October	8,	Trinity, at Hartford.
October	12,	Exeter, at Exeter.
October	15,	Andover, at Andover.
October	22,	W. P. I., at Boston.
October	29,	Amherst, at Amherst.
November	2,	B. U., at Boston.
November	5,	W. M. C. A., at Boston.
November	12,	Tufts, at College Hill.
November	19,	W. P. I., at Worcester.

None of the last year's men who have had

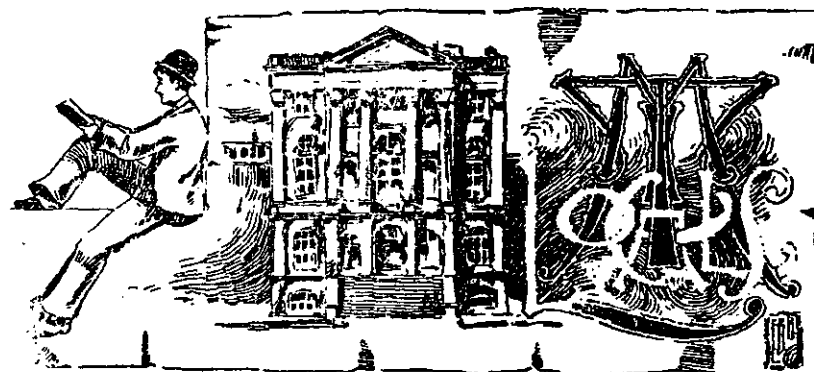
experience at kicking will return next fall, so it has been decided to have spring practice to develop new material. The practice will be two afternoons a week back of the Gymnasium. Captain Morse requests all candidates for backs to report on the afternoons announced by bulletin.

HOW HE MET HER.

She was the very sweetest girl
I ever ran across,
But how to make apologies
I really am at loss.

I struck her coasting down a hill,
My wheel the maid did toss—
She was the very sweetest girl
I ever ran across.

—Ex.



The Junior architects have begun their designs for a pavilion for the study of botanical drawing.

The Technology Club has opened its doors for Thursday, Friday, and Saturday to all members of the Junior Class and their friends.

The medals for the dual games will be from the standard die, the firsts being heavy gold plate on silver, the seconds silver, and the thirds bronze.

The Athletic Association Executive Committee, at its regular meeting last week, voted the appropriation of \$20 for the present expenses of the bicycle squad.

William Hale Kimball, of Railroad Engineering Course, the first term, has received the position of assistant civil engineer in the Chicago and Rock Island Railroad.

The interest among the athletes is unusually strong, and bids fair to be lasting. Three weeks more of as good work ought to put us in the best possible condition for the dual games.

At the first meeting of the 1900 "Technique" Board, L. Stuart was elected Editor in Chief, and Morgan Barney and W. L. Rapp were appointed a committee to arrange for the artistic competition.

The success of the Interscholastic Rowing Association movement seems assured. If properly guided, the training obtained in this way should raise considerably the standard of intercollegiate work by supplying to the colleges a large number of men already proficient in methods and form.

Prof. E. F. Miller has secured permission from the Boston Elevated Railroad Company to make a complete test of the plant at the new station in Harvard Square. This will include tests of the engines, boiler, dynamos, condensers, and economizers. The test will be run under a load of 3,600 horse power. This work will form a part of the regular laboratory work.

The Summer School of Mining is being planned to leave Boston June 8th, and return about July 3d. The places to be passed through are given in the following list, those at which a stop will be made are in italics: Boston, Yarmouth, N. S., Middleton, New Germany, *Brookfield*, New Germany, Middleton, Kingsport, *Parrsboro*, *Springhill*, *Joggins*, *New Glasgow*, Halifax, *Montague*, Halifax, *Windsor*, Yarmouth, Boston. At Brookfield, gold mining, milling, and chlor-istry; at Montague, gold mining and milling; at Parrsboro, minerals; at Joggins, Springhill, and New Glasgow, coal mining; at New Glasgow, iron mining and smelting-steel works; at Windsor (if time), gypsum quarries and fossils. The cost, as nearly as it can be estimated now, will be about \$71,—made up of fares, \$25; board and lodging, \$36; and extras, \$10.



'92. Mr. J. D. Hilliard, Course VI., is at present with the General Electric Co., in Schenectady, N. Y.

'92. Mr. Geo. A. Merrill, Course XI., is now with the Massachusetts Highway Commission.

'92. Mr. Leonard Metcalf, Course I., has opened an office as Civil Engineer at 89 State Street, Boston.

'93. Mr. Orton W. Albee, Course III., is the assistant to the Inspector of Ordnances of the United States Army.

'93. Mr. Herbert W. Allen, Course II., has recently accepted the position of assistant mechanical engineer with the motor carriage department of the Pope Manufacturing Co., of Hartford, Conn.

'93. Mr. Fred'k W. Baker, Course II., is a hull draughtsman for the Columbian Iron Works and Dry Dock Co., of Baltimore, Md.

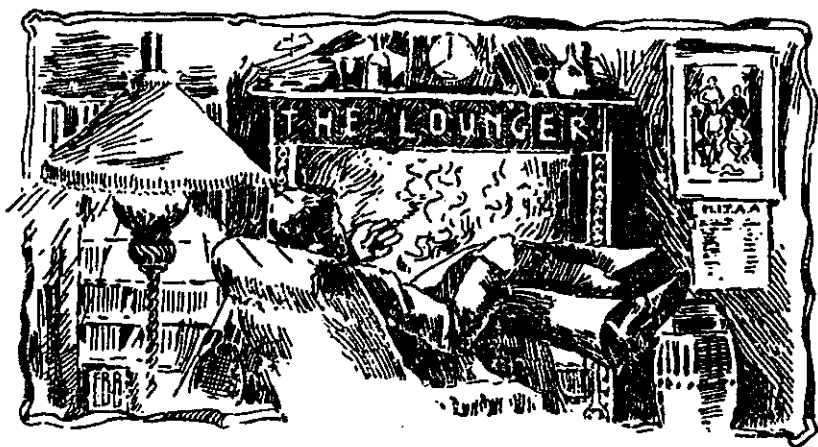
'93. Mr. John Clifford Brown, Course VI., has left the Metropolitan, and allied himself with the New York Telephone Co.

'95. Mr. Andrew D. Fuller, Course I., is at present with the Street Department of the city of Boston. He was editor in chief of both TECH and "Technique" during his junior year.

'96. Mr. Charles Gilman Hyde, Course I., is with the Massachusetts State Board of Health.

'97. Mr. Frederick M. LeBaron, Course IV., is the manager of the New York Branch of the Luxifer Prism Company.

'97. Mr. Malcolm Ewen, Course IV., and Mr. W. D. Bradley, Course IV., are with the Luxifer Prism Company, of Chicago.



LADIES, the Lounger bids you greeting to these halls, a greeting uttered with the memories still fresh in mind of too many kindnesses offered, too many gracious deeds and acts performed by members of your sex for him to speak in other than the most truly sincere manner. Believe him if he says that he, in common with other mortals, does really welcome your presence among us, short though it be. For, in truth, is he not always arrayed in cap and bells haranguing before the footlights of admiration or disfavor, as perchance it fall out; but are there times behind these scenes when, in fatigue, he throws off those strange habiliments when a smile from one of you, dear ladies, is worth more than all of public approval. Therefore does he rejoice in his inmost soul at your being within his ken even for these few days, and invite you most joyfully to his official abode.

Indeed, dear friends, you have not forgotten the Lounger; surely, not in so short an interval of time. It cannot be that those fine words of yesternight, which many beautiful maidens were so considerate as to whisper in his ear at the Prom., under cover of the dance, have already thoughtlessly departed this world. No, the offended party will not thus ruthlessly destroy what was to him the evening's greatest pleasure, and thus at one fell blow expose the fairer portion of the company to the base charge of insincerity. But there remains one, at least, unless, indeed, human nature be very much awry, who will not so lightly pass over the events of the evening. To her, he will warrant, the Lounger is not merely a name. She was saying such dear things on his arm about the poor fellow as we walked around the hall, that it was indeed a rare pity to stop her. *Quien sabe?* as they say, what might it not have come to, had not that idiot, Jones (always thought he was an idiot years ago) come up just at the moment and sang out: "Lounger, old fellow, come over and meet my sister!"

Hang Jones and his sister! Ah, but you should have seen my dear girl. She couldn't apologize enough, nor look too beautiful with all the blushes of the morning sun spread over her fair face. Quite casually, I observed the room was quite overheated; would she take the air? and forthwith led her to the window in a sufficiently retired corner, where we conversed of—but pardon, dear reader, if we refrain from particulars—matters which suggested themselves from the nature of the participants. "Verily, it was a most enjoyable Promenade," the Lounger had occasion to remark to one of the patronesses an hour later, as he was bidding her good-night. From the foregoing it will be apparent that two conclusions may be successfully drawn. First, that the hardships of a public servant are yet sometimes repaid in golden coin; second, that, though there be nine and nineteen frivolous maids in the score, there is also the one dear girl to whom the Lounger is ever readily accessible.

It has come to ear that the very sedate body of gentlemen shortly to publish a volume of some interest to Technology had a quiet little affair by themselves the other night. The Lounger was unfortunately not invited, which in itself was ill-advised. Yet has he heard strange rumors of a mighty punch brewed by the business manager's own hands, of songs, even of dances, in which it is intimated that the step was *à la* Yacht Club (2 A. M. formation). Certain it is that the athletic editor showed to considerable advantage in the practice of his profession, while from the Lounger's own knowledge the Editor in Chief did not return home until the lonely hours of the night. But enough, the gentlemen were seen on Sunday morning walking beautifully straight along the avenue, each with a necktie around his neck, and a package of "Technique" tickets in his hand.

"O yes," said the officer, as he brought in the suspicious character, bound. "I'm a haberdasher. I just collared him, cuffed him, and tied him."—*U. of M. Wrinkle.*

That woman has no aim in life,
A thoughtful person owns,
And if you don't believe it, sir,
Just watch her throwing stones.

—*Ex.*

TURNER, TAILOR,

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DISCOUNTS TO TECH. STUDENTS

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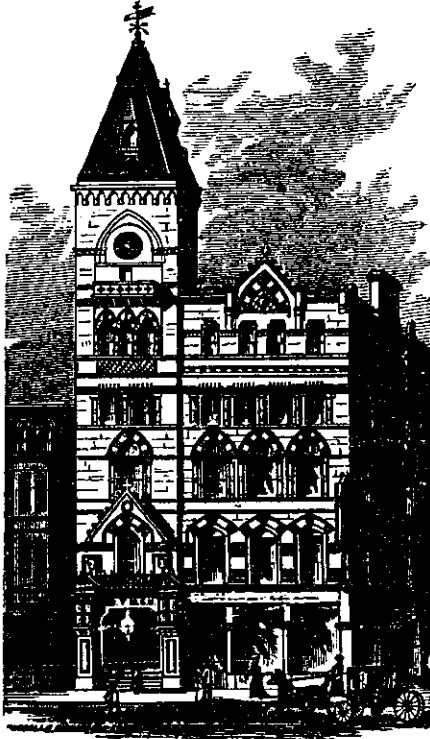
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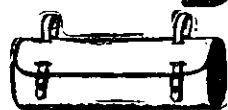
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