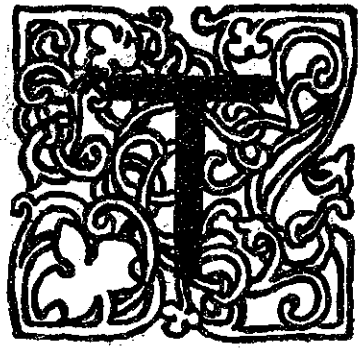
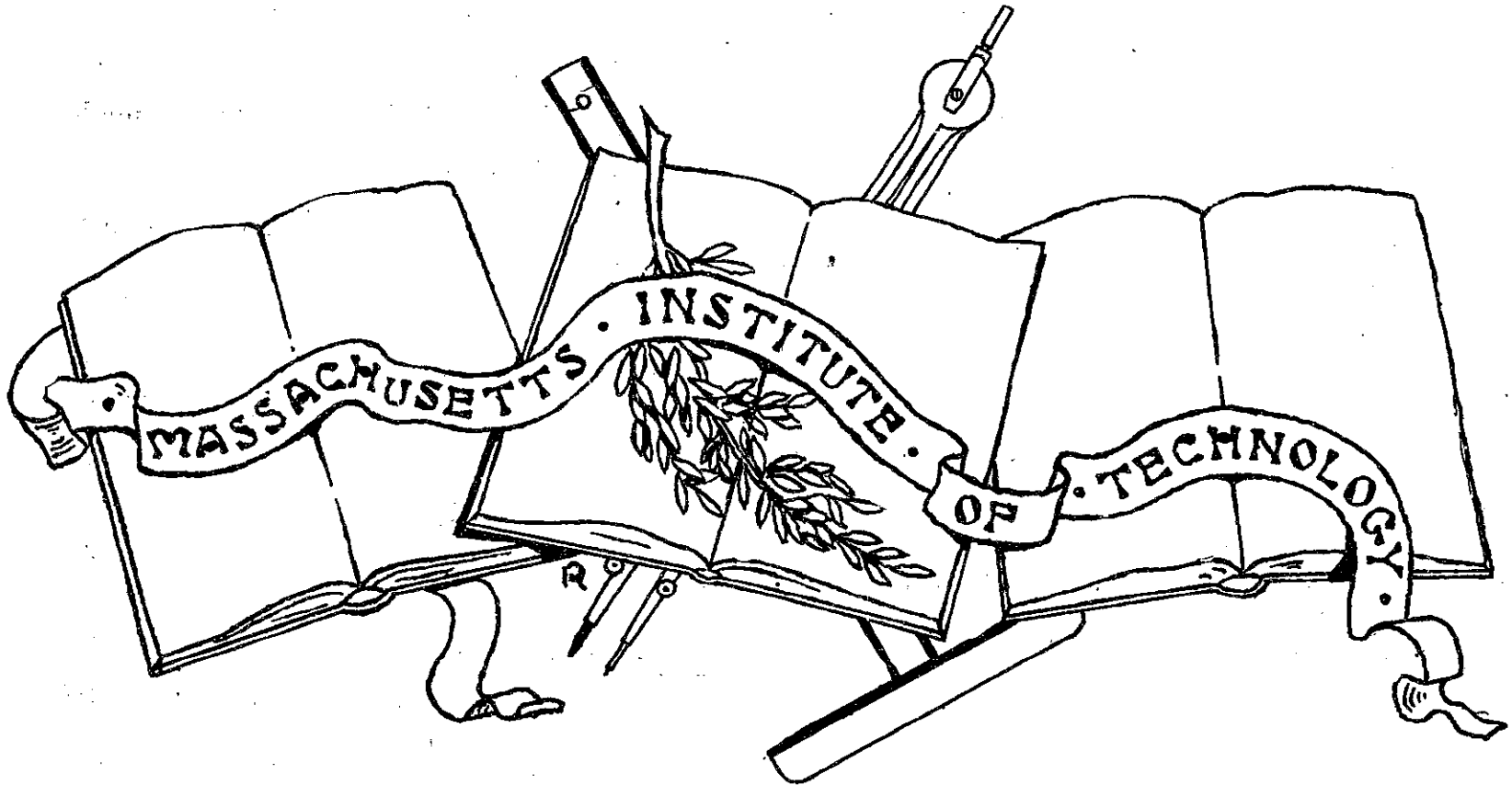
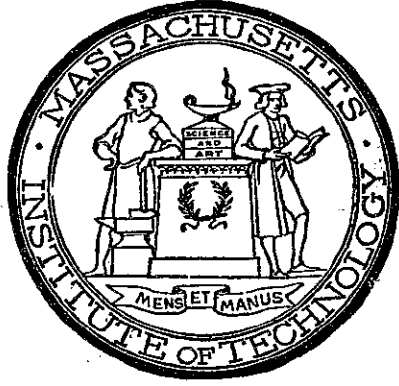


96



THE TECH



BOSTON, MASS.

VOLUME XVI.

NUMBER 1.

OCTOBER 8, 1896.



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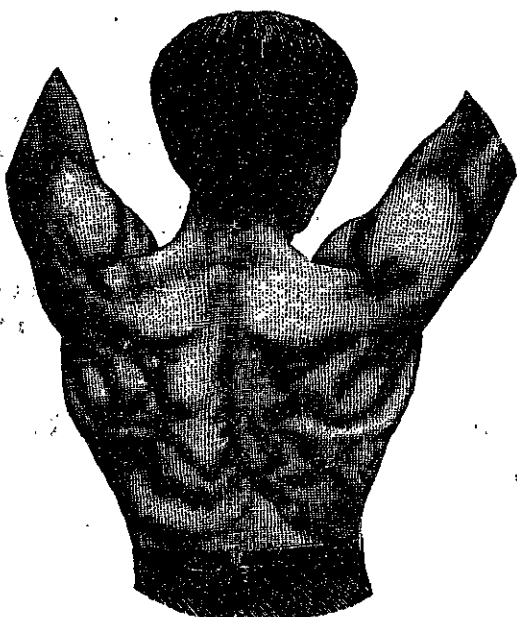
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CHARLES-EDWARD AMORY WINSLOW, '98, *Editor in Chief.*

CLARENCE RENSCHAW, '99, *Assistant Editor in Chief.*

THOMAS EDDY TALLMADGE, '98, *Secretary.*

HARRY DRAPER HUNT, '97.

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LESTER DURAND GARDNER, '98.

WARD WELLINGTON WARD, '98.

HAROLD WELLINGTON JONES, '98.

HERBERT DOUGLAS VANDERHOOF, '99.

W. R. STRICKLAND, '98, *Business Manager.*

E. R. SHEAK, '99, *Ass't Business Manager.*

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

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

Entered in Post Office, Boston, Mass., as Second Class Matter.

THE new year opens for Technology with great promise in many directions. The Technology Club is an assured success, and the bond between the alumni and the Institute is strengthening hourly. In Athletics we have an unusually cheerful outlook. The Annual is in good hands; and many of our comatose societies show glimmering signs of life. THE TECH extends good wishes for the realization of these hopes to all its friends, new and old.

The Editors of THE TECH will spare no efforts to hold up their end of Institute affairs. They have been greatly encouraged by the interest manifested by the new men who have appeared as aspirants for the Board, but would like still more candidates to try their hands. Financially, the paper has labored under heavy difficulties for some years. The subscription list, both among alumni and undergraduates, promises to be larger this year than before. If a really generous response

continues the Board hopes to hand on a lighter burden than that which it has received.

TECHNOLOGY as a whole, and the Junior Class and the Editorial Boards of THE TECH and "Technique" in particular, sustained a peculiar loss in the death of William Montague Hall last June. He was a man of rare abilities, with a quick mind and great administrative powers, as was shown in his management of the affairs of his class for two years. Everyone who knew him loved him for his kindly disposition and unfailing cheerfulness. Young as he was, his character will live on as an example in the lives of all who knew him. The Editors of THE TECH extend their heartfelt sympathy to his bereaved family, outside of which no one feels the loss more keenly than they do themselves.

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Athletics should take advantage of this chance to come out and see what he can do. There will be no prizes, hence nothing to attract the "cracks," so it will be a very favorable opportunity for a man to make his first effort for the team.

BEFORE long an official invitation will be extended to Technology students to participate in the coming campaign parade of the Republican Club of Boston. All the colleges about the city will be represented, and Technology must appear to advantage. To do this, preparations and arrangements should be started immediately.

It has been suggested that the Technology division be subdivided into Senior, Junior, Sophomore, and Freshmen battalions, and that a competitive drill be held among the classes for the honor of right of line. By this means upper classmen will have an opportunity to brush up their freshman tactics, and fancy movements would bring forth rounds of applause from the spectators on the night of the parade.

We hope that the Presidents of the classes will take means to start such a movement, and that a Republican Club will be formed as soon as may be.

THE M. I. T. Y. M. C. A. has done good work in the welcome it has extended to the entering class. Information bureaus were conducted at the entrance examinations in June and September and at the opening of the term. A list of reliable lodging houses was furnished, which was consulted both by new and old students. Over a thousand handbooks, bound in gray with cardinal lettering, have been distributed. The last enterprise of the Association is the founding of the Student House, treated in another column. We wish it all the success that it deserves.

A GREAT many more men ought to turn out for 'Varsity football practice. A good coach has been engaged, and a fine schedule arranged by Manager Lamb. The financial affairs of the association appear, from external signs, to be managed with unusual vigor. We shall have a first-class team if all the men in the Institute who can play will come out and work faithfully.

AT the last meeting of THE TECH board, Mr. Winslow, '98, was chosen Editor in chief, and Mr. Renshaw, '99, Assistant Editor in chief.

William Montague Hall.

WILLIAM MONTAGUE HALL, whose sad death, resulting from a fall from the mast of his yacht Daisy, has surprised and grieved every Technology man, was born in Boston, Feb. 14, 1877. He prepared for Technology at Cutler's preparatory school, and entered the Institute with the class of '98. There were few departments of Technology life which were not reliant on his judgment and skill in the administration of their affairs. In him '98 had a most enthusiastic class man, and she was served by him most ably, as he occupied the presidency for two consecutive terms, his Freshman and Sophomore years. He played on his class football team in 1894, and in his position as treasurer of the baseball association displayed splendid energy, and was very instrumental in clearing that organization of its debt. He received the highest number of votes as a candidate for the '98 Electoral committee, and by that body was chosen society editor on '98's "Technique." In his sophomore year he was elected to fill the athletic editorship on THE TECH, and in this work acquitted himself with great credit. Mr. Hall was a member of the Institute committee for two years, of the Yacht Club, of the Athletic

Association, and of the Tennis Association. He was a society man, wearing the pin of Phi Beta Epsilon fraternity.

Hall had few of the faults and all of the virtues which accompany great versatility. He was generous and open in his manner, and accordingly was universally popular. He never said anything which he had not carefully considered and about which he was not wholly sincere, and what he did say carried corresponding weight.

The fatal accident occurred while preparing for a cruise on Thursday morning, June 18th. Mr. Hall died as he had lived, cheerfully, fearlessly.

Inasmuch as it has pleased Almighty God to remove from amongst us our beloved fellow-worker, William Montague Hall, be it

Resolved, That we, the Board of Editors of "Technique," desire to express our heartfelt sorrow at the loss of a friend whose disposition won our affection, as his abilities commanded our respect.

Resolved, That a copy of these resolutions be sent to his bereaved family, and that they be published in THE TECH.

For the board,

R. S. WILLIS.

C. E. A. WINSLOW.

WHEREAS, it has pleased Divine Providence to remove from our fellowship our esteemed president and beloved comrade, William Montague Hall, and whereas we in our bereavement feel deeply for the mourning family, and also desire to honor the memory of the deceased, be it

Resolved, That we, the members of the class of '98 of the Massachusetts Institute of Technology, extend our heartfelt sympathy to the sorrowing family; and be it further

Resolved, That a copy of these resolutions be handed to the parents of the deceased, and that a copy be published in THE TECH.

Signed for the class,

RAYMOND SMITH WILLIS.

GEORGE REED WADSWORTH.

HOWELL FISHER.

SINCE death has removed from our number our associate, William Montague Hall, be it

Resolved, That we, the members of the Institute Committee, do hereby express our sorrow, and extend our sympathy to the family in their affliction. And be it further

Resolved, That these resolutions be entered in the minutes of the committee, published in THE TECH, and that a copy be sent to his parents.

For the committee,

WILLIAM OTIS SAWTELLE, '97.

GEORGE ANTHONY HUTCHINSON, '98.

CLARENCE RENSRAW, '99.

Y. M. C. A. Reception.

THE second Freshman Reception given to the entering class by the Y. M. C. A., occurred last Saturday evening in the parlors of the Central Y. M. C. A. Building on Boylston Street. It was highly successful, as about a hundred of the entering class attended, besides the usual number of interested upper classmen. About ten o'clock the assemblage adjourned to the meeting room, where G. I. Fiske welcomed the audience for the Institute Association, and introduced Mr. H. I. Lord, who delivered the welcome from the student body.

The main event of the evening was President Walker's stirring and pithy address. He most heartily indorsed the work of the Association, and expressed the wish that two thirds of the students were enrolled therein. In speaking of Technology life, he said: "We have not the old-fashioned mode of collegiate life at M. I. T. We are not surrounded by dormitories and the like, but we are placed

right here in the hubbub of city life. In my opinion, the Corporation would refuse a gift of a million dollars for dormitories. I am glad that our men are thrown upon their own resources, and I do not regret that Tech. men do not enjoy the romance of college life. I believe that this very fact has been the success of our men going right out into the world and securing positions in practical business, whereas other men who have had a cloistered existence for four years, away from the smash and bang of city life, have had to become acclimated. I also believe that it is a great moral influence in a community to have an institution of learning placed in the center of a city. Young men brought up in cities are more able to withstand temptations. . . . Cultivate the acquaintance of your professors, the upper classmen, and your President."

After the General had finished, light refreshments were served.

The Technology Club.

THE Technology Clubhouse, 71 Newbury Street, just opposite the open space between the Rogers and Natural History Buildings, was formally opened yesterday. The building was thrown open at twelve o'clock, and in the evening President Walker, President J. P. Munroe of the Alumni Association and others made addresses. Everything in the Clubhouse has been arranged for comfort, though not for ostentation. The street floor includes a reception room and a small dining room holding some thirty people, where lunch and dinner are served daily. The whole of the next floor has been thrown into one large room where are newspapers and magazines. This will be the "Common Room" for general conversation, smoking, and light refreshments. Here also will be held meetings, receptions, smoke talks, etc. Above this is the library, a small card room, and a bed room. On the top floor is a billiard room and more bed rooms.

While the undergraduate membership of the Club is still small on account of unavoidable delay during the summer vacation, all fourth-year students are eligible, and it is hoped that the Class of '97 may soon be largely represented. Information and application blanks may be obtained from Professor Allen or Dr. Tyler. The membership is almost four hundred, but a still larger one is needed. The restaurant in particular materially increases the cost of carrying on the club. To those in a position to avail themselves of the Club privileges, no argument beyond the mere statement of facts should be needful. To those more remote, or more closely occupied, the matter is presented as one for Institute patriotism.

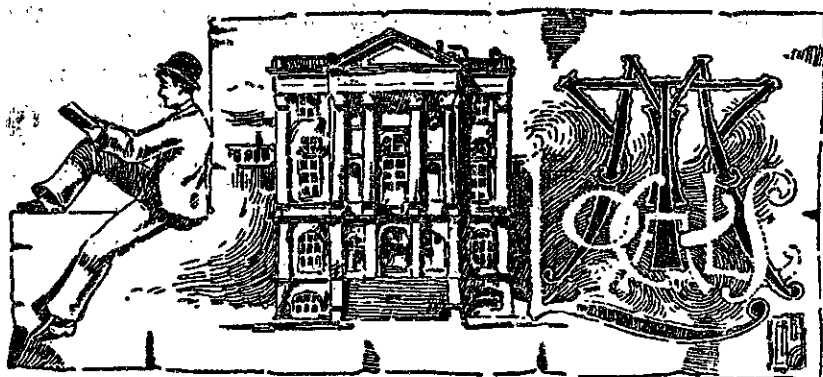
Technology, o; Exeter, o.

THE usual opening game resulted in the traditional manner, viz., a tie with Exeter.

Sept. 29, '94, our team played Exeter without score; Oct. 13, '94, with a score of 10 to 10; Oct. 5, '95, without score. Last Saturday the result was the same. Exeter kept close to our goal in the first half, and Technology's play was very weak. The team strengthened greatly, however, in the second half, which is a good sign. Twice Tech. came very near scoring at the end of the game, and with two minutes more would probably have done so. The work behind the line was good. The forwards, with the exception of Le Baron and Ulmer, were not up to the standard.

Our men played as follows: Le Baron r. e.; Osgood, r. t.; Ulmer, r. g.; McCormick, c.; McConnell, l. g.; Springer, l. t.; Heckle, l. e.; Nolte, q. b.; Wilde, h. b.; Emery, h. b.; Underwood, f. b.

All men in 1900 who do not wish to subscribe to THE TECH are requested to notify the manager, Mr. Strickland, at once, in order that their papers may be discontinued.



The new cover of THE TECH was designed by Mr. N. P. Rood, '99.

Sumner, '97, is not coming back this year, but expects to return next.

Advice to men of '99: Do not try to sell your drill uniform to a Junior. In many cases it has proved fatal.

Patronizing Soph: "How is the new class in Mechanical Drawing, Mr. B.?"

Mr. B.: "I don't know and I don't care a d——."

The Class of '98 held a meeting last Friday, and appointed a committee to draw up resolutions on the death of President Hall. Vice-president Russ was in the chair.

The first regular meeting of the Y. M. C. A. will be held on Saturday. This meeting will be of especial interest to men new to the Institute. All students are cordially invited.

W. E. Putnam, formerly of Harvard, has entered Technology and is now in Course IV., '98. He has made a reputation for himself as a high jumper, his record being very near six feet.

Barber, '98, has left the Institute, and is now working in the West on the United States Geological Survey. Mr. Barber was leader of the Mandolin Club during the past two years, and catcher on the '98 Baseball Team.

Barker, '96, is not coming back this year. Last spring Mr. Barker was elected leader of the Glee Club, and his recent decision not to return to the Institute renders it necessary to choose a new leader. His loss will be keenly felt by the club.

Captain Bigelow gave a two-hour exam. Wednesday, September 30, by which he will partially gauge the abilities of men trying for offices in the freshman battalion. The practical examination was held a week from that date in the armory.

Joseph Cushing, '97, a five-year student at Technology, was drowned near his home at Fitchburg, on September 14th. His death was accompanied by circumstances of peculiar heroism, and his life is a sad monument of sturdy youth and baffled ambition.

The marriage of Dr. William H. Walker, of the Chemical department, to Miss Isabel Luther, of Boston, took place Wednesday evening, September 16th, at the First Baptist Church, on Commonwealth Avenue. The church was very prettily decorated with golden-rod and was well filled with guests. Mr. Harold Walker, brother of the groom, was best man, and Mr. G. A. Holmes, a graduate of Technology in ninety-one, was one of the ushers.

A notice in the Rogers corridor that the class of 1900 would hold a meeting in Huntington Hall last Friday, led to a short address by President Walker to the sophomores just before the Physics lecture on that day. He urged the class to abandon the precedent which has led to a disturbance at the first meeting of each new class, and, beginning with this, the first class of the new century, to show a friendly spirit to the new students, or at least to banish all such disturbances from the halls of the Institute.

The first meeting for the present year of the Institute Committee, was held last Friday in the office of THE TECH. A committee was appointed to draw up resolutions on the death of Mr. Hall, '98. It was decided also that the Committee should undertake to collect and preserve all clippings from the most prominent Boston papers bearing on Technology affairs, thus forming a record of the history of

the Institute. As the terms of the present members are about to expire, the Committee adjourned for three weeks, by which time it is expected that the members for the ensuing year will have been elected.

With the opening of the Institute year our young but progressive M. I. T. Y. M. C. A. opened its new student house at 466 Massachusetts Avenue. This student house will be occupied almost entirely by members of the Technology Y. M. C. A., although there will be a few members of the associations at Harvard Medical School and Boston University. Later on it is hoped to secure larger quarters, and provide a boarding place for freshmen who come under the care of the Y. M. C. A. The freshmen will be given a cordial welcome, however, at the house, and will receive invitations to the receptions and other functions which will be held at the house in the course of the year. The student house will be made, as far as possible, a meeting place for students of all classes. The idea originated with President Walker, who advocated it before a meeting of the Institute students last spring.

President Walker took up most of Captain Bigelow's hour Saturday in his address to new students, and especially to the entering class. After some very hearty words of welcome, he gave some suggestions that might be useful to new men. He spoke particularly of earnestness of purpose and of a strict sense of honor. While the courses here are hard, he said that a man of average ability could get along creditably by doing each day's work on that day. He spoke of the importance of health, and of exercise in the open air. He also spoke of sleep and the care of the eyes, and said a few words concerning individual deportment. In conclusion, he declared his desire to meet every student in the Institute. "If you have anything to say, come in and say it; and if you haven't anything to say, come in and shake hands."



Of last year's Varsity eleven, Underwood, McCormick, Ulmer, Springer, Heckle, Le Baron, and Emery are back.

Among the new men trying for the football team are Wilder, Rumery, Clifford, Fairbanks, Oppenheimer, Jones, and Johnson.

Yale's great full back, Thorne, is taking a course at the Institute this year. He will, however, be unable to coach our team, for all his extra time beyond his engagement as a professional coach is pledged to Yale.

Mr. Delabarre, U. P. '92, is coaching the 'varsity squad. Mr. Delabarre played on the University of Pennsylvania team for one year, but on account of an injury was forced to give up the play, when he assumed the position of manager.

To-morrow, at one o'clock sharp, the students are requested to assemble in Huntington Hall to listen to five-minute talks in the interests of Track Athletics and Football. Trainer John Graham, Athletic Director Boos, Track Captain Grosvenor, and Mr. Jenkins, of Harvard, will sketch the outlook for the track team, and Dr. F. H. Delabarre, U. of P., Mr. Thorne, Yale full back, now at the Institute, Captain Underwood, and Manager Lamb will discuss football. Mr. H. W. Allen will preside. A prompt attendance means time for the meeting and lunch before two o'clock.

The annual intercollegiate athletic meeting took place at Worcester, May 23, 1896. Technology did not accomplish as much as in preceding years, many of the best athletes not competing, owing to class work, and one, Grosvenor, being debarred by the rules of the

association. Though the team sent to Worcester was hardly a representative one, yet some promising material was developed, many of the men coming very near winning places. Technology won the quarter mile, Stebbins doing the distance in 52 2-5 seconds, and Farnham succeeded in capturing third in the bicycle race.

For the benefit of those who did not attend the meeting in the gymnasium called by Captain Grosvenor last week, a review of his suggestions and plans might prove interesting. Training will commence at once with short outdoor runs and chest weights in the "Gym." Outdoor class championship games will be held this fall on Irvington Oval (events to be announced later). A silver medal will be given to first and a bronze medal to second man in each event. Those winning a first and those getting two seconds may wear the 'varsity T. Of the old men, Cummings, Stebbins, Pugh, Gray, Nolte, Hooker, House, Harris, Butcher, Pierce, Copp, Reed, Campbell, Rumery, Field, Ferguson, Dwyer, Schmidt, Lathrop, Mayer, and Allyne are back; and of the new men, Davison, Hall, Priest, Hinman, Bodwell, Everett, Putnam, and Durgin reported.

Football.

The following schedule has been made:—

- Oct. 3. Exeter at Exeter.
- * " 7. Colby at Boston.
- " 10. Campello at Campello.
- " 14. Andover at Andover.
- " 17. Trinity at Hartford.
- * " 21. Tufts at College Hill.
- " 24. Wesleyan at Middletown.
- * " 28. B. A. A. at Boston.
- " 31. Worcester P. I. at Worcester.
- * Nov. 4. Bowdoin at Boston.
- " 7. Open.
- * " 11. Newton Athletic Association at Boston.
- " 14. Brown at Providence.
- * " 18. B. A. A. at Boston.
- " 21. Newton Athletic Association at Newton.

* Season ticket admits to game.

Alumni Notes.

REALIZING that Alma Mater and her alumni are separated in their respective interests more than they should be, the Board of Editors of THE TECH have come to the conclusion that a more general communication and interchange of ideas should exist. The knowledge of important investigations going on at Technology should be of service to the practicing engineer. Likewise the achievements of Technology's graduates should be known to those yet pursuing their studies. By so keeping in touch the Engineer can make his field of work more broad and *fin de siecle* in its view, while the students profit by practical applications of the principles which they are endeavoring to master. By putting this matter in the hands of one of the members of the Board, together with the hearty co-operation on the part of our alumni, much can and will be accomplished.

John Rockwell, '96, is studying medicine at the Boston University.

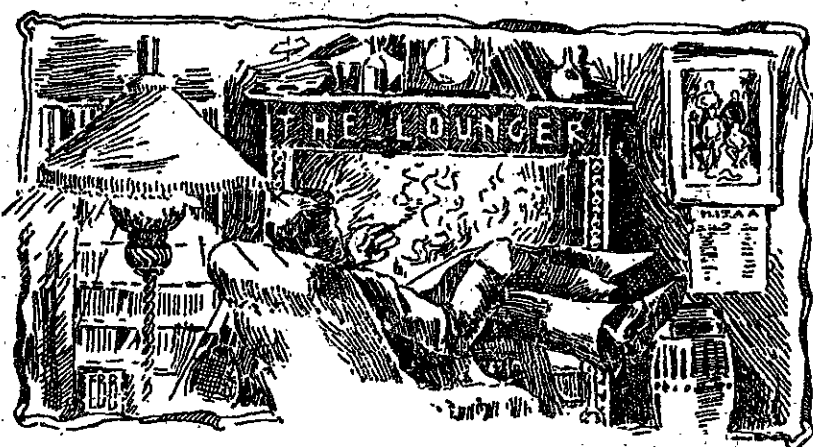
'94. We are glad to announce that Mr. Frank P. McKibben has charge of Bridge Design in Course I. this year.

'95. Mr. H. K. Barrows, who occupied the position as assistant in Professor Burton's office last year, will be found at box 586, Reading, Mass.

Mr. Freeman informs us that he is preparing notes for the use of his classmates on "The Wandering of the '76 Man During the Last Twenty Years."

Communications have been received from E. A. W. Hammatt, Course I., '75, Jno. R. Freeman, Course I., '76, L. O. Towne, Course III., '78, G. L. Gilmore, Course II., '90, and F. E. Came, Course VI., '93.

'96. Mr. Charles Gilman Hyde, '96, late editor in chief of THE TECH, now occupies a position with the State Board of Health. Mr. Hyde's careful study along particular lines in Sanitary Engineering already are producing returns.



ONCE again, on this damp autumn evening, the Lounger settles himself comfortably into his quiet corner, and, from the depths of his old chair, gazes idly into the firelight and muses upon the past and the future. Once again the nimble sheep has eluded all efforts to despoil him of his coveted hide; and the Lounger remains as of old to act as kindly mentor to his little college world. Many changes he sees about him, however. The stairs, up and down which are heard the patter of countless Freshman feet, have received a coat of paint, some slight portion of which still remains intact. The grim portals of Rogers are resplendent with fresh varnish, and it is only to be hoped that they will not strike the fancy of the æsthetic sons of '98 and be purchased as souvenirs, as was the case with one of the doors of Huntington Hall last year. Even that conservative stronghold, THE TECH Office, has responded to the note of improvement in the air and blossomed out like the flowers of the spring—in short, the floor has been painted.

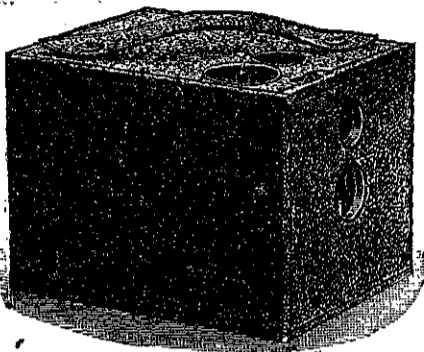
To those adolescents who have but recently come among us, but who, the Lounger has been assured on excellent authority, bid fair to be the first men of the coming century, it is his pleasant duty to extend a cordial welcome. For many years the Lounger has been the especially constituted guide and patron of Freshmen. He is peculiarly fitted for this exalted function by his long experience in Institute life and by his modest, kindly, and genial disposition. He still remembers (though, perhaps, no one else but Mrs. Stinson can do so) when he himself was a newcomer at Technology! How his heart then throbbed with youthful hopes! How near him then gleamed the mystic letters S. B., which now glimmer faintly in the far distance! But a truce to these memories. The Lounger exhorts the Freshman to hope on and not be downcast. Though he may at last come to nought, yet surely he will be good at ciphering. Doubtless he will enact many of the pranks common

to his illustrious congeners of the past. He will engage in the perennial ornithological conflicts; he will gaze happily at a burning match held gingerly between his fingers, and reflect solemnly upon the momentous fact that a chemical reaction is taking place; he will anxiously inquire of the Secretary if chapel is compulsory; he will pay his term bill on October 10th, and commit other willful eccentricities which mark him off from the rest of mankind. Had it not been for the intervention of the powers above he would probably have proceeded to select class officers from the ranks of the Sophomore class, as '99 on a certain occasion—but hold, the Lounger finds himself on the brink of betraying a state secret—that '99, yea, and even the mighty sons of '98, and the wily men of '97 were once Freshmen too. This fact the members of the classes in question have quite forgotten, and it would be harsh and unfeeling to draw it to their notice. Let the present Freshmen be warned, however, in time. There is but one way for a class to pass safely through the interesting period of infancy—to pin their faith to the Lounger. He alone can guide them through the shoals of Sophomore wiliness, and the rocks of Junior repression, and the deep waters of Senior indifference. Let them but subscribe to THE TECH, read the Lounger diligently, heed his precepts carefully, and all will be well.

The Technology Club is an institution which has occasioned in the Lounger's mind a certain *bouleversement*, an *umkehrung*, so to speak. It is pleasant to wander through the marble halls, with one's hat on, and feel a comforting sense that Tech is a pretty hot-dog sort of place after all. But to a man of truly sensitive mind there is something shocking to the sense of propriety in the effacement of barriers there produced. Is there not something almost too startlingly radical in beholding the lordly Prof., nay, even The Secretary himself, eating, talking, laughing with mere Seniors? The billiard table and certain telltale push buttons,—do they not furnish indications of depravity in high places even more startling than the load of empty barrels brought out of Rogers after a faculty meeting? Finally, to be clapped upon the back by a youth not unconnected with the Junior class, and bearing a certain relation to the Editorial Board of THE TECH, and asked to "Come over, old man, to the Club for lunch," is something which indicates that reverence and modesty in the young generation are quite dead.

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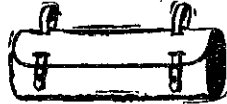
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Castle Square Theatre.—This week the Castle Square Company will produce Genee's "Royal Middy." The management, with their usual forethought, have tendered Monday night as a special "Students' Night," when the seats are all twenty-five cents, and there is not a doubt but what the students will take advantage of this offer.

Boston Theatre.—Mr. Denman Thompson has but a short time longer with which to entertain Bostonians in "The Old Homestead." This is the most remarkable production of the play that has ever been seen, and it is announced that this will be Mr. Thompson's last appearance.

Park Theatre.—Miss Nellie McHenry in H. G. Donnelly's farce comedy, "A Night in New York." It abounds in sparkling music, pretty

dances, and repartee, and goes with a laugh from start to finish. Miss McHenry is known all over the country as being one of the brightest soubrettes starring in farce comedy.

Hollis Street Theatre.—Albert Chevalier, the celebrated English singer of coster songs, surrounded by a company of high-class vaudeville, will begin a short engagement. This will be his only appearance in Boston, and he comes fresh from his New York success.

Boston Museum.—"The Two Little Vagrants" is to be continued for its fourth week. Its production in Boston has been very successful, and warrants its continuance for some time. Mary Hampton is adding to her already long list of admirers.

Tremont Theatre.—Frank Daniels in "The Wizard of the Nile." The music is on a higher grade than the average comic opera, and is genuinely humorous; for example, "Angeline." "Starlight" has proved itself one of the greatest successes. The company is the same as last year, also the capable chorus.

The World's Food Fair, now being held at Mechanics Building, offers unusual attractions this year. The musical features include such bands as the New York Seventh Regiment and Salem Cadet Bands, the Mendelssohn Club and others.

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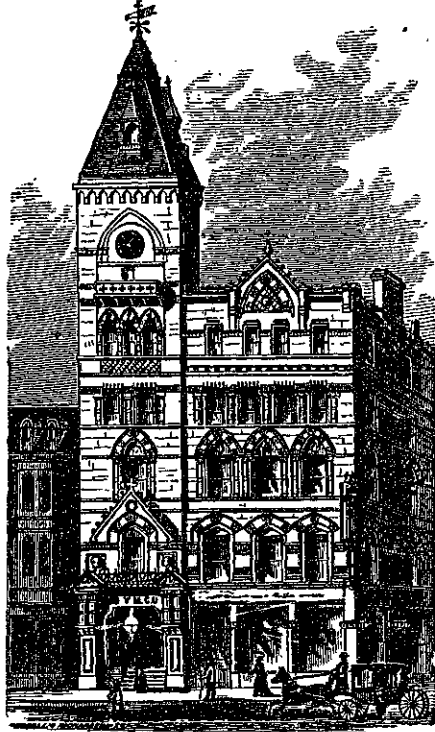
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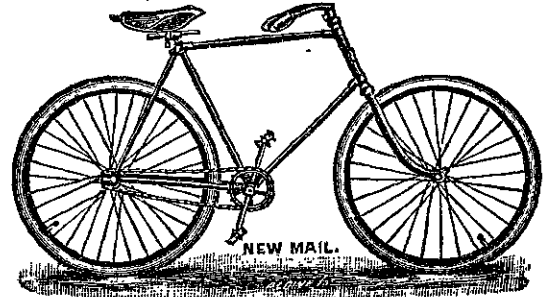
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