OAK GROVE FARM CREAMERY
AND DAIRY LUNCH ROOM,
445 BOYLSTON STREET, CORNER BERKELEY.
Where can be had Sandwiches of all kind, Soups, Tea, Coffee, and regular Dairy Lunch.

Pure Fresh-churned Butter, in Quarter-pound Prints. Five and Ten Pound Boxes.
Pure, Fresh Milk and Cream, delivered in Glass Jars. Fresh-laid Eggs.
Pure, Full Cream Cheese, American (plain), Sage, Neufchatel and Edam.

NELSON L. MARTIN, GENERAL MANAGER

THE HOTEL HUNTINGTON,
COPLEY SQUARE AND HUNTINGTON AVENUE.
Offers large and pleasant outside rooms, from $7.00 per week upward.
Dining rooms conducted on European plan.
An elegant Gentlemen’s Cafe has recently been added

C. A. JONES & CO.,
PROPRIETORS.

Hair-Dressing Parlor
220 COLUMBUS AVENUE,
NEXT TO ALBANY STATION.

Imported and Domestic Cigars and Tobacco.

POOL TABLE IN THE REAR.
G. W. CLARKE, Tobacconist.
D. E. FISH, formerly of The Thorndike, La Pompe-dour and all styles of Hair Cutting a specialty.

TROY LAUNDRY.

T. E. Moseley & Co.,
FINE SHOES
HAVING MADE EXTENSIVE ALTERATIONS, WE HAVE BETTER FACILITIES IN OUR MEN’S DEPARTMENT THAN EVER BEFORE.

A large assortment of all styles for YOUNG MEN.
Russet Storm Bluchers at reasonable prices.
Our Calf Balmorals and Bluchers at $4.00, $4.50 and $5.00 are stylish and durable.

DISCOUNT TO STUDENTS OF TECHNOLOGY.
489 WASHINGTON STREET.

THE THORNDIKE.

EUROPEAN PLAN.

BOYLSTON STREET, opposite Public Garden, BOSTON.

Accommodations for Class Dinners unrivalled.
A PRACTICAL
Hand or Power Planer
Examine Reed Lathes.
CALL AT OUR STORE
MECHANICS' TOOLS.
A Large Assortment of Steel Rules,
Calipers, Dividers and Small Tools.
A. J. WILKINSON & CO.,
184 and 188 Washington Street,
BOSTON, MASS.

COLLINS & FAIRBANKS
Celebrated Hats,
Mackinawes, Umbrellas, Canes—Styles Correct, Quality
Unequaled. Sole Agents for Henry Heath's and
White's London Hats.
381 WASHINGTON STREET, BOSTON.

VOICE TRAINING,
READING, RECITATION, ORATORY.

SPECIAL TERMS TO M. I. T. STUDENTS
$1.00 PER LESSON.

Stammering and other defects of speech treated.

REFERENCES: Moses Merrill, Head Master Boston Public Latin
School; Frank Vogel, Assist. Professor Modern Languages, M. I. T.

WALTER K. FOBES,
Room 37, Pierce Building, Copley Sq., Boston.

BOOKBINDING
IN EVERY STYLE
ALEX. MOORE, 3 School Street, BOSTON.

WALTER C. BROOKS & CO.,
TAILORS
TO
M. I. T. CO-OPERATIVE SOCIETY.

15 MILK STREET, BOSTON, MASS.

BIRTHPLACE OF FRANKLIN.
FRANK A. HOWES,  
HAIR DRESSING PARLOR  
HOTEL OXFORD, HUNTINGTON AVENUE,  
(Formerly of Copley Square Hotel.)  
Open Evenings till 8. Saturday Evenings till 10.

MR. E. WOODWORTH MASTERS,  
SCHOOL FOR DANCING.  
Enterance, 7 Park Sq.  
Class or Private Lessons.  
ARCADE HALL to let for select parties. All rates moderate.

DANCING.  
WALKER'S PRIVATE ACADEMY,  
No. 24 DWIGHT STREET,  
Evening Classes from Oct. 1st to May 1st.  
Private Lessons daily from 10 to 6.  
Please call or write.

Drawing Boards, Papers,  
Inks, Pens, Instruments, and Fountain Pens  
At Discounted Rates.

A. D. MACLACHLAN,  
Tech. Co-operative Store,  
214 Clarendon St., - - Boston, Mass.

STUDENTS' SUPPLIES.
Blank Books, Note Books, Drawing Papers, Pens, Inks of all kinds, Fountain Pens.
PERIODICALS AND MAGAZINES,  
Writing Paper and Envelopes with TECH Monogram and Imprint Paper by the Pound, at

J. P. BOND,  
Gentlemen's Furnishing Goods,  
141 DARTMOUTH ST., between Huntington and Columbus Avenues.

DARTMOUTH LAUNDRY.  
BEST LAUNDRY WORK, CALLED FOR AND DELIVERED.

STANDARD CLOTHING CO.,  
MANUFACTURING RETAILERS OF  
HIGH GRADE CLOTHING  
From both Foreign and Domestic Fabrics.  
ALSO ADVANCE STYLES IN TROUSERS, SUITS, and OVERCOATS.  
Full Evening Dress Suits Constantly on Hand.  
395 WASHINGTON ST., - - BOSTON, MASS.
THE UNION GYMNASIUM,
48 BOYLSTON ST., BOSTON.

SEASON 1893-94.

Spacious, Centrally Located, Well Lighted and Ventilated.
Large Dressing Rooms, with over 1,200 Lockers
New and Novel Exercising Apparatus.
Elegant New Marble and Concrete Bath Rooms with Model
Bathing Appliances. New Dressing Rooms, Supplied
with Extra Large Lockers. Competent Instructors
in Attendance DAY AND EVENING.

NO EXTRA CHARGE FOR INSTRUCTION.
(Send for Circulars.)

JAMES W. MONTGOMERY, Superintendent.
GERMAN F. HOFFMAN, Asst Superintendent.
EDWARD O. OTIS, M.D. (Harv.), Medical Director.

UNION GYMNASIUM.

TERMS, INCLUDING THE UNION MEMBERSHIP (ONE DOLLAR), and Entitling to all Privileges:
For one year, use of Gymnasium after 7 P.M. and on holidays or such time as it may be open 5.00
For one year, use of Gymnasium at all times when open 8.00
Keys (to be refunded on return of same) .50

BOSTON YOUNG MEN'S CHRISTIAN UNION.
WILLIAM H. BALDWIN, President.
GEORGE PEIRCE, Secretary.

ST. BOTOLPH HALL.
NEW TECH. DORMITORY.
Favorably situated at the corner of St. Botolph and Hanover Streets, near all the Departments of the Massachusetts Institute of Technology.

Furnished Suites
To let, including heat and baths.

Restaurant in Building.
For terms apply on the premises.

M. DWYER, Manager.
GODFREY MORSE, Proprietor.

Banjo, Mandolin and Guitar.

G. L. LANSING,
Teacher, and Director of Clubs,
58 A WINTER STREET, BOSTON.

BEST INSTRUMENTS CONSTANTLY IN STOCK. MUSIC, STRINGS, ETC.

LEVENGSTON’S
CUSTOM CLOTHING HOUSE.

At 267 Washington Street, opp. Water Street, one flight up, is the great establishment of J. LEVENGSTON, who commenced business there 12 years ago as a dealer in Custom-made Merchant-Tailor’s Clothing—that is, in Suits, Fall and Winter Overcoats, Pants and Full Dress Suits &c., &c., and left on hand of fashionable tailors, owing to peculiar whims or other reasons of customers for whom they were made. It was his first and most rigid rule to represent each article exactly as it was, and by persistent following up this rule has built up a large and prosperous trade.

As he buys his goods from ONLY FIRST-CLASS TAILORS of most every city in the Union, he is enabled to select the most choice goods obtainable, and does sell the same at about HALF of the original price made for.

Give him a call, convince yourself, and you can make no mistake.

FULL DRESS SUITS TO LET.

ABRAM FRENCH CO.,
89, 91 and 93 Franklin Street,
IMPORTERS OF
China, Glass and Fancy Pottery.

Wedding and Birthday Gifts
A SPECIALTY.

ALL THE LATEST PATTERN,
RICH CUT GLASS.
DINNER SETS,
From the Lowest Cost to Highest Grade.

WE ARE THE LARGEST IMPORTERS OF HAVELAND & CO.'S FRENCH CHINA IN THE UNITED STATES.

Reasonable prices in our entire stock.

ABRAM FRENCH CO.
New Pictures.

Etchings, Engravings, Photographs, just received from the best American, English, French, and German publishers.

The largest and finest stock to select from in New England,—and prices satisfactory.

Special attention to Artistic Framing.

WILLIAMS & EVERETT,
190 Boylston Street, — Boston.

FROST & ADAMS,
Importers of
DRAWING INSTRUMENTS
AND
Supplies for Students, Architects, and Engineers.
SEND FOR ILLUSTRATED CATALOGUE.
No. 37 Cornhill, Boston.
LIBERAL DISCOUNT TO M. I. T. STUDENTS.

Student Work Specialty

MESSENGER & JONES,
HIGH-CLASS TAILORS
No. 388 Washington Street, Boston.
The action of the Faculty in granting the petition for an extended recess at Christmas may indicate more than appears at first thought.

We have always held that our professors are alive to the wants and welfare of the students; yet we believe that the majority of them have little realized the tremendous increase here of late years in college spirit, or the growth of local interests and of individual appreciation of the opportunities afforded by Technology in directions other than purely scientific. This change, which has been frequently noticed and commended by many of our older students, detracts in no way from the good or efficiency of the scientific departments; but, on the other hand, it tends rather to increase the value of their training by embellishing it.

The Faculty are beginning to appreciate this centralizing student sentiment which has, in a different development, become a ruling power. The same ideas have been manifested in various phases at other colleges,—everywhere the tendency being to replace arbitrary faculty government in all cases possible by a ruling board, upon which are represented both professor and student. This has not yet been accomplished in reality at Technology, still the ever increasing attention which the Faculty pay to student desires confirms us in the opinion that Tech is influenced to no small extent by the general evolution of college governments.

It is evident to those of us who have been here longest, that nearly all the professors look now with more favor upon the various societies which have flourished so marvelously here, that they also encourage our efforts to unite the students, to introduce social customs, and, in short, to make Tech life more like the recognized college existence. This may incline toward a slight reduction of the amount of actual “grinding” here, but in return it offers opportunity to make our knowledge more useful to our fellow-men by the greater facility in presenting it, and more acceptable by the increased ease in imparting it, which the more frequent intercourse with others under all conditions must occasion. Further, since our courses are designed primarily to teach us where to look for facts, and how to study, the committing to memory of a few formulae is of less importance than the learning where to get information needed, and the ability to use to the greatest advantage the knowledge gained. Let us, therefore, welcome every broadening of our general opportunities which does not cause a serious loss of efficiency in the scientific instruction of which Technology is so justly proud.
THAT the Sophomore class should show its appreciation of the distinguished gentleman who is giving lectures on American history, by applause on his entrance to the stage, is right and proper. That this applause, however, should degenerate into whistling and cat-calling, such as marked last Friday’s lecture, is disgraceful. The class must know that it is no compliment to Professor Fiske to greet him in this manner, and should take heed lest such hoodlum doings become to be associated with its name.

ONLY a few years ago the Walker Building was known by the deceptive name of New Building. At the instance of The Tech, the Corporation bestowed the present name upon it, to the gratification of all our students. To-day the Engineering and Architectural Buildings might well be otherwise designated. Among our many respected professors is one peculiarly dear to all who come in contact with him. He has been connected with Technology through all its struggles, and, as President and professor, he has done much to place the Institute where it now is. The Tech desires to see in the near future one of the principal buildings bear the name of this revered man, that the names of the three individuals whose personalities have entered into our whole atmosphere, may be daily upon the lips of our students for years to come.

Calendar.

December 28.—Lectures, "Bacteriology," Lowell Course; sixth lecture by Professor Sedgwick, in Huntington Hall, at 7.30 P. M.

"The Metallurgy of Silver," Lowell Course; twelfth and last lecture by Professor Hofman, Room 36, Rogers, at 7.45 P. M.

"The Adjustment of Observations by the Methods of Least Squares," Lowell Course; sixth lecture by Professor Bartlett, in Room 22, Rogers, at 7.30 P. M.

December 29th.—"The Rise and Development of Prose Fiction in France," Lowell Course; ninth lecture (in French), by Professor Van Daell, in Room 11, Rogers, at 8 P. M.

"Quaternions," Lowell Course; tenth lecture by Professor Bailey, in Room 27, Rogers, at 7.45 P. M.

January 1st.—"Bacteriology," Lowell Course; seventh lecture of Professor Sedgwick, in Huntington Hall, at 7.30 P. M.

"The Adjustment of Observations by the Methods of Least Squares," Lowell Course; seventh lecture by Professor Bartlett, in Room 2, Rogers, at 7.30 P. M.

"The Architecture of the Renaissance," Lowell Course; first lecture by Professor Homer, in Room 12, Architectural, at 7.30 P. M.

"Naval Architecture," Lowell Course; first lecture by Professor Peabody, in Room 27, Rogers, at 7.30 P. M.

January 2d.—Christian Union Meeting in Room 27, Rogers, at 1.30 P. M.

"Quaternions," Lowell Course; eleventh lecture by Professor Bailey, in Room 27, Rogers, at 7.45 P. M.

"The Measurement and Calculation of Earthwork," Lowell Course; first lecture by Professor Allen, in Room 26, Rogers, at 7.30 P. M.

"Medieval German History and Literature," Lowell Course; first lecture (in German) by Professor Dippold, in Room 11, Rogers, at 7.45 P. M.

Communications.

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

To the Editors of The Tech—

As a Senior who, for nearly four years, has taken a general interest in all the different organizations at Technology, I should like to answer a letter which appeared in the last Tech.

The Athletic Club has long been regarded as one of our worthiest and most necessary organizations, and this view would be undeniably proved were it to cease to exist even temporarily. That it has helped along other organizations is undoubtedly true, and its spirit is to be commended. But why, pray, if the Club flourished for sixteen years and had money to give away, why, I ask, can it not support itself now, when athletics are attracting far more general attention than
formerly, both at Technology and elsewhere, and
where, moreover, we have twelve hundred students to
draw on instead of the seven or eight hundred of a
few years ago?

The answer is almost self-evident. Notices of class
and other meetings are posted so that one cannot help
seeing them even if he doesn't want to. But where,
for instance, were the notices of the recent class
championship meeting? Many students, even those
especially interested in athletics, were known to be
unaware that the meeting was to occur upon Decem-
ber 9th, since the fact had been published only in
The Tech a week before, and everybody knows what
a student's memory for dates is. In this case, then,
the Club lost much money through its own oversight.
This department of advertising and booming, which is
necessary in every college, is most deficient here when
it is most needed. There is no dearth of interest
among the students, but in this matter as in all others,
the students must be constantly and emphatically told
of events, for, unfortunately, they will not look things
up for themselves.

So much for that. But then the Club goes to the
Glee Club, and in a very gentlemanly way asks for a
benefit concert, and this, I should judge from opinions
dropped, would have been gladly granted during the
winter. Not satisfied with this, an officer of the
Athletic Club calmly suggests that the Glee Club
would do well to give up a Western tour, and “main-
tain the good old custom of the prosperous helping
out the needy,” since the trip can do Tech no good,
and might do harm. As several of my friends are
members of the Glee Club, I know that it takes fully
as much time and trouble for rehearsals, etc., as an
athlete takes for training. And to what end would
the athletes use this expenditure of time by the Glee
Club? To paying off a debt incurred, partially, at
least, through the negligence of the athletes them-
selves. This appears to me unjust in the extreme.
At other colleges the musical clubs enjoy a tour, and
divide handsome profits as well. If our Clubs want
to go on a trip, as their merit and perseverance this
year certainly entitles them to do, they will certainly
not disgrace the Institute; on the contrary they would
be a valuable advertisement, even in the West, where
Tech is well known. If they make this trip, and then
have any money in the treasury, it would be most
generous for them to help the Athletic Club, which
sorely needs assistance, however its debt may have
been incurred.

To the Editors of The Tech:

The concert of the Glee and Banjo Clubs in Hunt-
ington Hall, on Wednesday, was a very creditable one;
the Banjo Club in particular seem to have improved
since last year. But now, on the eve of their Western
trip, it may be well to offer a few suggestions with
respect to their general appearance and conduct upon
the stage, which is hardly up to the standard set by
other colleges.

As first impressions go a great way, it would be
much better for the men to come upon the stage in a
more regular manner, not straggling on as by chance,
making a very cheap appearance. Then, after having
come upon the stage, it is essential that the grouping
should be more symmetrical. In this way the shorter
men need not be hidden by the taller ones from the
audience. The taller men are usually placed in the
center, and the shorter ones at either end, but always
presenting some generally symmetrical arrangement,
each man having his hands clasped behind his back.

After the encore of a piece which has caused
laughter in the house, it would certainly show better
stage training on the part of the Clubs if their smiles
were to be either concealed or left in the ante room
before returning to the stage. More new pieces, fewer
solos, and less lagging, would give the entertainment
more of a college air.

These suggestions apply particularly to the Glee
Club, but both will do well to heed them, as they will
add greatly to the good impression which the Clubs
will be expected to make on their trip.

R. S. W.

The Mid-year Concert.

The first home concert of the Glee and
Banjo Clubs was given in Huntington Hall,
Wednesday evening, the 20th. Special ef-
forts were put forth by the management to
make the event both a social and a financial
success; and taking into consideration the
nearness of Yuletide and the existing financial
depression, the success attained was most
gratifying.

Eight o'clock found the hall comfortably
filled, and a moment or two later the Glee
Club filed through the little stage door, and
gave “Schneider's Band” with considerable
spirit, and responded to a hearty encore.
audience, in which there were many pretty pairs of "laughing eyes," was a very appreciative one, and every number on the programme was encored, and some twice. This certainly speaks well for the work of the clubs. The "Onella Polka," written especially for the Banjo Club by Mr. Lansing, was well given, and repeated later in the programme upon request. Mr. Barker, '96, in his tenor solo, Mr. Bates, '94, with his rousing "Tubal Cain," and Mr. Emerson, '96, in his piano performance, all did themselves credit.

The Glee Club's "Old Woman" was their best song, unless their appropriate encore to this, "There Was a Young Woman," took the palm. The latter was written especially for the club by Mr. Osgood, and it was sung by them for the first time in public. The Glee Club showed a marked improvement over their Museum performance, and sing much better than did last year's club. Little criticism was offered on their work, but on the contrary it was pronounced unusually pleasing. A well-known musical critic, the editor of a leading musical gazette, who was in the audience, said that the Banjo Club was the finest amateur club he had ever heard.

"Those Locks of Mine."

Those locks I've watched from week to week,
Descending soft upon my cheek;
And I had made a solemn vow
Their parting never to allow,
Though some might class me as a "freak."
I love them, you can scarce know how,
So light they toss upon my brow;
But now I fear the barbers seek
Those locks of mine.

I find me in a cushioned chair,
Perched with my feet high up in air;
And as my locklets fall apart,
A pain is sent deep to my heart,
So hard it is for me to spare
Those locks of mine.

E. S. M., '96.

The Sophomore class dinner will be held on February 9, 1894.

The Architectural Society will have a Bohemian supper at the United States Hotel to-night.

Mr. F. O. Harriman, '83, a graduate of Course I., is managing a large plantation at Jaltepan, Mexico.

The "Deutscher Verein" will be so well organized by the last of January that regular dates of meeting will be announced.

A copy of "Parliamentary Tactics," by H. W. Hoot, has come to our hands. The book contains, in a convenient form, the principle rules for conducting debates.

The class of '96 has well supported its motion for a class cane by giving an order for nearly seventy. The canes will probably be on hand in the very near future.

The mentions for the monthly problem of the Junior architects have been awarded as follows: First mention, Birge; second mentions, Shurrock, Ames, Low, Gurd, Badgley, and Bourne.

Mr. Horace B. Gale, II., '83, formerly professor of mechanical engineering at Stanford University, and now consulting electrical and mechanical engineer in San Francisco, visited the Institute during the past week.

Professor Van Daell will be in Washington during next week, as the representative of Technology in a Congress of Education. His classes in language, therefore, will be suspended until the following week.

'96 Class dinner, Friday evening, February 9th, 1894.
M. Paul Bourget, a notable French novelist now visiting the educational institutions of this country, attended one of our French classes last Thursday, and seemed greatly pleased with the work of the students.

A question lately arose among members of the Civil Engineering Society as to the advisability of paying its lecturers. At present the question is undecided, and will probably remain so until a more active interest is shown.

The Senior nominating committee held a meeting on Friday. Mr. C. A. Meade was elected chairman, and Mr. A. B. Tenny was chosen secretary. The next meeting will be held Saturday, at 12.30 P. M., in The Tech office.

The rumors that the new German club was organized for the express purpose of meeting at the Old Elm and improving the fluency of the members' German by means of copious draughts of "Imported," appears at present to be unfounded.

Resolutions have finally been sent to the Northwestern Alumni from the class of '96. They would have been sent about a month ago, but the resolutions offered at that meeting were not accepted, as the class felt that their appreciation should be more powerfully expressed.

Among the valuable works in the civil engineering library, is a copy of "Febman's Topographical Atlas" in the original edition, which has now become exceedingly rare, so that the department is doubly fortunate in securing it. The volume has lately been shown and partially described to the Sophomore civils.

The Executive Committee of the Sophomore class has decided to open competition among the '96 students for the design on the class-dinner menus. The committee reserves full right to accept any design. A simple design that is easily reduced, is desired. The competition closes Thursday, February 1st, with C. E. Trout, secretary of the class of '96.

The architects were refused tickets to the Lowell course of lectures on the ground that they had enough to do without attending outside lectures. Through the instrumentality of the head of the department, however, they finally succeeded in obtaining tickets. It is understood that the refusal to send tickets to the students of the Institute is a precaution taken by the Faculty to prevent the students being overworked.

Dr. Drown spoke to the Freshmen last Thursday with regard to the choice of courses, recommending chemical engineering to those of them who purpose going into some manufacturing business upon graduation, as this course treats of both chemistry and mechanics. He also stated that the demand for chemists in previous years has been three times as large as the number of graduates which the Institute has turned out.

The Engineering News Publishing Company offers the following prizes for the best graduating theses presented by students graduating in 1894 from any engineering course of any college in the United States or Canada: first prize, $75; second prize, $50; third prize, $25. A special $100 prize is offered for a post graduate thesis. The conditions may be learned by referring to the general bulletin board. Technology men would do well to keep this in mind.

The Cercle Français met for the last time this term in Room 23, Walker Building, Wednesday, December 20th. The secretary read the minutes of the preceding meeting, after which several members gave very laughable stories. Professor Van Daell amused those present with one of his personal experiences, which he called "La Derniere Valse." Designs for the programme of the play were submitted, after which the meeting adjourned.
At a meeting of the class of '96, held Dec. 20, 1893, the following resolutions were unanimously adopted:—

In consideration of the courtesy and hospitality shown by the Northwestern Alumni Association to the undergraduates of the Massachusetts Institute of Technology during the past summer, and in recognition of their untiring efforts to make the visit of all Technology men in Chicago a pleasant one, we, the members of the Class of Ninety-Six, Massachusetts Institute of Technology, do hereby extend our hearty thanks and expressions of gratitude to the aforesaid Alumni.

Furthermore, we desire that a copy of these resolutions be forwarded to the Northwestern Alumni Association, and also be published in THE TECH.

For Class of Ninety-Six,

W. Ames, Jr.
E. A. Baldwin.
T. T. Brackett.

Freehand drawing has become such a bore to the Sophomore architects that for a number of weeks past it has been almost an impossibility to find a quorum at the classes toward the close of the hour, the average attendance being something over one half the class. To assure a larger attendance, Mr. Adams has devised a scheme whereby unexcused absence is made impossible. The roll is not only called at the commencement of each hour, but attendance is also taken five minutes before the close of the two-hour period. To avoid any mistake or misrepresentation, the last roll is taken by inspecting the students individually. This method has proven a great success, as is shown by the attendance.

The TECH like many of the athletes, has misunderstood Instructor Boos and his idea. His desire is to secure the best good of all at the Gym, as events have proved. The officers of the Athletic Club called upon Instructor Boos on behalf of the students, and came to an amicable understanding. Mr. Boos, it seems, wishes to do everything in his power for the benefit of the students, and heartily wishes to co-operate with them in perfect harmony. He welcomes all to the gymnasium, where they will be given individual instruction if necessary. The rules, he wishes to state, regarding time of exercising, have been suspended, and henceforth the gymnasium may be considered a place of freedom and recreation.

The "Deutscher Verein" met last Thursday in Room 11, Rogers, with a very good attendance. After a few preliminary motions, the election of officers for the rest of the school year took place. The results were as follows: President, F. E. Matthes, '95; Vice President, E. A. Baldwin, '96; Secretary, H. S. Baldwin, '96; Treasurer, M. E. Pierce, '96. The members of the executive committee, beside four above named, are R. B. Price, '94; G. H. Matthes, '95, and G. C. Hall, '96. The programme committee is made up of V. A. Mayer, '94; G. Swope, '95; R. Bakenhus, '96; E. G. Porteur, '97, and Miss Wood for the young ladies. Mr. Hall read a selection from Mark Twain bearing on the study of German.

The Technology Quarterly received last week is one especially interesting. It contains two articles of general interest to Tech men. One, by Professor Porter, on the “Hydraulic Laboratory of the Institute,” is very comprehensive, and is well illustrated with four photographic cuts and a ground plan of the laboratory. The second article is by President Walker, on “College Athletics,” in which he most heartily endorses gymnastics and the milder forms of athletics in educational institutions of all sorts; but he does not commend athletics, except in moderate forms, in a technical school. The article is made up from President Walker's address last June before the Alpha Chapter of Phi Beta Kappa at Cambridge. All those interested in the subject would certainly profit by reading this article in the Quarterly.

Charles Doyle Smith, a member of Course II., '96, whose death was mentioned in the last Tech, passed away amid peculiarly sad circumstances. His father is an unsuccessful inventor, and his mother an invalid; and so, in his brave, unselfish heart Charles assumed
the duty of guardian over his younger brothers, who with the scanty funds earned by selling papers rented a few attic rooms. From early morning until late at night Charles worked hard to keep the wolf from the door; and as a kind friend paid only his tuition, he starved himself—living on bread and water—in order to pay the eight dollars necessary for text-books this year. Although daily failing, he struggled bravely on, until from sheer exhaustion he finally gave up. There was no money in the house to buy food, and so, suffering alone and uncared for, he died of diabetes, too late for medical assistance. The family is now being cared for by prominent Brookline people, who would have been only too glad to relieve the brave lad of his burden had they known of it in time.

R. M. Thompson has been elected captain of the Dartmouth football team for next year.

Columbia College has leased the old Manhattan Athletic Club gymnasium.

Over 250 tickets for the Springfield game were sold to Smith College students.

The banjo club of the University of Chicago numbers fifty members.

The Harvard Glee Club will travel over 7,000 miles on their Christmas trip this year.

Tufts enjoys the distinction of having two glee clubs, one male and the other female.

There is a movement on foot to establish a magazine to be published by the Junior class in the Yale Sheffield Scientific School to represent the interests of that department.

Two private cars of the Delaware & Maryland railroad have been loaned to the Princeton Glee and Banjo clubs for their Christmas trip.

E. S. Morrison and H. E. Abbott, of Dartmouth, have been awarded the prizes offered by the Engineering News for the best graduating thesis by the students of any engineering or technical school in the United States.

A suit for $10,000 damages has been filed against six Amherst Sophomores by Photographer Kufield, because his employee who had charge of the Freshman class pictures was deprived of them by force by the Sophomores.

Harvard Annex will hereafter be known as Radcliffe College, and the graduates will receive the degree of A. B. instead of a mere certificate of graduation, as heretofore. The change in the official name is due to the fact that Anne Radcliffe, an English woman of the 17th century, was the first woman to make a bequest to Harvard.

What Christmas Means.
The poet sings of Christmas,
And all the joy it brings;
Of winter's pearly whiteness,
Of harps with golden strings;
Of warmth from glowing Yule log,
Of gifts from loved ones dear;
And tells us of the freedom
Brought with the waning year.
The student reads, and murmurs,
"How beautiful it seems!"
But asks himself the question,
"Is this what Christmas means?"

Of "Dutch" some fifteen pages,
Of "Math." a little more;
While books not yet completed
Are heaped upon the floor.
The "Semlies" just before him
Smile grimly at his fate;
And bid him to be joyful
Before it is too late.

Three days to be so joyful,
Two weeks effects to heal;
These are the joys and pleasures
The weary students feel.

The wrestling bouts should be particularly interesting, as Hayden, ’94, the middle-weight champion of Colorado, J. W. Thomas, ’95, W. B. Taylor, ’95, G. Clapp, ’95, and Wallace, ’97, have agreed to enter.

The annual cross-country run of M. I. T. A. C., took place Thursday afternoon at 3:45 o'clock. Three Sophomores and three ’95 men of the eight entries, competed. Poor time was expected, but notwithstanding the cold weather, two finished within record time. Stoughton, of Yale, led the field to the turn, with Johnston and Clapp close behind. On the run home Clapp passed Stoughton, and Taylor shook off Johnson, who stuck to him until his strength gave out. This gave to the Juniors a walkover, with the Sophomores a sure second. Clapp, who has always been looked upon as a speedy distance runner, surprised his friends by outrunning the Yale champion. Clapp’s time was 29 minutes 52 seconds. The men finished in the following order: G. Clapp, ’95, first; B. Stoughton, ’95, second; W. B. Taylor, ’95, third; R. Johnston, ’96, fourth; R. Norris, ’96, fifth; W. P. Anderson, Jr., ’96, sixth.

The standing of the classes for the solid silver class championship cup to date, is as follows:—

<table>
<thead>
<tr>
<th>Class</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>’94</td>
<td>14</td>
</tr>
<tr>
<td>’95</td>
<td>28</td>
</tr>
<tr>
<td>’96</td>
<td>38</td>
</tr>
<tr>
<td>’97</td>
<td>3</td>
</tr>
</tbody>
</table>

One Tech record was broken, and one established at the B. A. A. games December 21st. Burnett, ’96, whose jump of 10 feet 7½ inches at the class games was not allowed, cleared 10 feet 1½ inches in the standing broad jump, which is two inches better than the previous record, and Boeseke, ’95, placed the high-water mark in the standing three jumps at 31 feet 2 inches. Technology made an unusually strong showing, which shows that the Track Athletic Team was organized for a purpose. In the standing three jumps, Boeseke (1 foot 6 inches) won first, Lord (3 feet), second, and Kubli (1 foot 6 inches), a Harvard man, got third, the distances, including handicaps, being 32 feet 8 inches, 32 feet 7¼ inches, and 32 feet 2 inches, respectively. Gilman and Burnett, both scratch men, also competed.

The track athletic captain has appointed E. A. Boeseke, ’95, R. H. Farquhar, ’95, L. Burnett, ’96, H. S. Gilman, ’96, and J. A. Rockwell, Jr., ’96, to the 'varsity team for their good performances at the recent games. There are now sixteen members on the team.

The prizes for the class championship games will be made in about two weeks.

As a rule, a postponed meeting is a failure; but the cross-country run to Coolidge’s Corner and return proved very successful. A large crowd witnessed the finish.

At a meeting of the Athletic Club executive committee it was voted not to allow the records made at the indoor games, as they were not in accordance with the A. A. U. rules.

A sparring and wrestling meeting, open to members of the Athletic Club only, will be held in the gymnasium, Saturday evening, February 3d. There will be four classes in sparring, two in wrestling, and one in fencing. Prizes will be awarded to first and second, and points will count toward the class and individual championship cups.

The Harvard Cycling Association is very desirous to hold a series of races with Technology next spring. The races should be very close and exciting, as the riders from both colleges are record-breakers.
The Lounger is happy in the pleasing realization of a Glee and Banjo Club concert well delivered. It was a pleasure to enjoy the sweet warblings and lusty plunk plunks in our historic Huntington Hall, with none of the distracting side lights operated by flighty chorus maidens in the wings. He rejoices that Mr. Sheppard is now manager of these healthy organizations, and he feels in happier harmony with the mellow voices and instruments of our cheerful friends. The old hall presented a mirthful appearance that evening despite the solemn workers up among the frescoes and the ghastly coverings of white behind the bare platform. The girls were there, and merry ones, too. Girls whose innocent questionings make them so interesting; girls who fairly bubble over with the charm of girlishness; girls whose very jollity the Lounger always envies for he never succeeds in capturing it,—all these were there and lent their brightness to the animated scene. The programme, says the poet, was "rich, rare, and racy," and besides that, included many unexpected charms. The Lounger was especially interested in the small boy of the occasion, who did his duty so manfully. He regrets that the zither player did not appreciate these services, and did not consent to sit with his back to the audience. The stool act, too, was a very pretty one, although the Lounger regretted the non-appearance of an anticipated stump—stool—speech. The Lounger spent considerable time watching the claw hammers fly through the air, and was glad to see so many carefully landed. He would complement the leader on his graceful curves and stately appearance, and is sure he may be comforted with the assurance that his duty was conscientiously performed. Several times the Lounger was moved to get the bases out of the hole on daring slides, but still he took much general comfort in the occasion.

Bravely then may the warblers and the plunkers go forth to do and dare, and to carry the proud name of Technology, et cetera, et cetera. When they return the Lounger anticipates additional charms of music and girl, and perchance, a bonus for the Athletes. In the meantime will the Lounger keep the dilatory Freshman awake to the attractions of concerts in general, and trusts that the manager of the same will not forget the existence of several editors on the staff of a certain worthy journal.

... . . . . . . . . .

Revenge is sweet. Thus soliloquized the Lounger a short time since. The scene was in a down-town electric wherein the Lounger was comfortably seated. There entered an old acquaintance with two buxom damsels, whose admiration was evidently greatly coveted. The maidens were soon seated, and the stricken youth eagerly followed their every syllable as he hung first on one strap and then on another. He did not deign to recognize the Lounger, who sat in mute expectation of at least a nod from his old-time friend. The Lounger was not there when the dear girls were at hand; and deeply chagrined he sank deeper and deeper into his great coat till only his sad eyes gazed sorrowfully over the coat collar at the merry scene across the way. But the Lounger had his revenge. Just when the old acquaintance was completely carried away with their sparkling eyes, and was following every charming word that fell from those ruby lips, there entered the car a portly old gentleman in furs, who laboriously made his way forward. Without once withdrawing his gaze from the attractive faces before him, the Lounger's acquaintance nonchalantly pressed a shining half dollar into the palm of the portly old gentleman in furs. A curt "No I thank you" awakened the enraptured youth to the embarrassment of the occasion. Amid the confused apologies of his old friend and the amusement of the fellow-passengers, the Lounger left the car and soliloquized the soliloquy that begins this truthful narration.

Idyl.

Her head was not far from his shoulder,—
She could hear his breath come and go.—
And his voice, though tender, grew bolder
As he whispered these words soft and low.

Now what was he saying, I wonder,
And where was this tend'rest of scenes?
Just at the lunch-room counter.
As he asked for a plate of beans.

E. A. B., '96.
LA BELLE DAME SANS MERCI

It was a face, and a fair young face,
That glided along the gray;
Fair, fair and white, in the pale, pale light,
At the dawning of the day.

Why dost thou ride so fast, Sir Knight?
Wherefore so fast, I pray,
Betwixt the darkness and the light
At the dawning of the day?

I follow while my sword is bright,
Till helm and heart decay,
The form I may not lose from sight
At the dawning of the day.

Close, closer I pursue her flight;
She beckons me away.
Love, love invites to reunite
At the dawning of the day.

—Southern Collegian.

THE OLD LOVE AND THE NEW

When life is bright, and we’re far away
From the old love, dear, for many a day,
Our hearts may yield to the fair young face,
To the new love, petite, with her winning grace.

But when the days grow cold and sad,
And harsh constraint may bend our will,
Our hearts will swell
As we feel full well
’Tis the old love that is dearer still.

When sad misfortune comes too near,
And friendships loosen and griefs appear,
The new love passes with proud disdain;
Ah, Sympathy! Where is thy soothing then?
’Tis then we remember the old love dear;
To ever be true shall be our will.
In the days gone by,
For now and aye,
’Tis the old love that is dearer still.
—Yale Courant.

A DUPLEX PROPOSITION.

Oh that two heads were mine like the boy Toccis,
Though most people would care for them not;
For one of my heads could peruse the Greek text,
And the other could read the trot.
—Trinity Tablet.

BANQUET SONG.

Comrades, fill the banquet cup
Brimming up!
Fill it full of love and laughter.
Claret lips and kisses after,
Crown it with a maiden’s smiles
And the foam of magic wiles.
Drink it, drain it, clink your glasses,
For the love of loving lasses
Ere it passes!

Fill again the banquet cup
Brimming up!
Overflow it with the roses,
Which her timid blush discloses.
With her sparkling eyelight lift it,
Till it flavored is. Then lift it.
Drink it, drain it, clink your glasses,
For the love of loving lasses
Ere it passes!

Comrades, fill a parting cup
Brimming up!
Flood it in your praises zest,
For the uninvited guest.
With her charms and graces fill it.
Touch the lips and heart-ward spill it.
Drink it, drain it, clink you glasses.
For the love of loving lasses,
Ere it passes!
—Dartmouth Lit.

When the mail brought this letter for me,
My joy I could hardly restrain;
For I thought it was written by Maud,
In her usual light, airy vein.

I opened the seal; but, alas!
The contents weren’t what I supposed;
Yet I’ll own they were airy and light,—
’Twas my gas bill I found there inclosed.
—Trinity Tablet.

UNDER THE MISTLETOE.

She stands beneath the mistletoe,
A coyly smiling little miss;
With sparkling eyes and cheeks aglow,
She’s waiting for the stolen kiss.

The rippling lock of curly hair
That from its fastening gayly slips,
The forehead, shining white and fair,
The sweetly quivering ruby lips,
All coax me with their dainty charm.
She can’t be angry if I’m bold,
For surely ’twon’t do any harm
To kiss a little six-year-old.
—Dartmouth Lit.
OUR STANDARD $1.50 SHIRT
We believe to be the best value possible for the price.

BUSINESS AND DRESS SHIRTS,
$2.00, $2.50, $3.00, $3.50 and upward. All made in our own workrooms.

COLLARS, CUFFS, CRAVATS AND GLOVES.

WEDDING AND PARTY OUTFITS.

SPECIAL LAUNDRIES for Dress Shirts, for Family Work, for Collars and Cuffs. The BEST work possible to be done. Family work sent for and delivered without extra charge.

BLANKET WRAPS . . .
For Lounging, for the Nursery, for the Sick Room, for the Bath, for Steamer Traveling, for the Railway Carriage, for Yachting. For Men, Women, Children, and the Baby, $2.75 to $3.50, with Hood and Girdle complete.

PAJAMAS . . .
Or East India Sleeping Shirts, and Long Night Shirts made from English Flannels, Cotton and Silk, for Steamer, Sleeping Car, Yachting or Hunting.

THE NEW CLUB CRAVAT . . .

GLOVES . . .

NOYES BROTHERS, Washington and Summer Sts., Boston, U. S. A.

L. E. FLETCHER & CO.,
Hatters and Men's Outfitters.

HATS
In Leading and Correct Styles for Young Men.

Novelties in Neckwear, Gloves, Hosiery, and Underwear, Canes, Umbrellas, Etc.

158 BOYLSTON STREET,
Opp. COMMON. BOSTON.

Drafting Instruments,
Drawing and Blue Process Papers,
Selected with especial reference to the requirements of students of the Institute.

SCALES, TRIANGLES,
CURVES, T SQUARES, Etc.

Wadsworth, Howland & Co.,
82 and 84 Washington St., Boston.
267 State Street, Chicago.

SPECIAL RATES TO STUDENTS.
F. L. DUNNE,
TAILOR AND IMPORTER,
EXCLUSIVE STYLES A SPECIALTY.
TRANSCRIPT BUILDING, 328 WASHINGTON ST., cor. MILK ST.,
BOSTON.

Now is the time to Subscribe to

THE TECH

For the remainder of the year.

COUPON BOOKS, $1.25.

Uniform Caps and Gowns, Bicycle Suits, Custom Suits, to Order.

Orders for Winter Goods left now will be delivered in ten days.

G. W. SIMMONS & CO.,

32 to 44 North Street. Oak Hall, Boston.
J. H. LEWIS,
Merchant Tailor.

Dress Suits to Let.
Special Discount to Students.

417 WASHINGTON STREET.

TREMONT THEATRE.—Monday, Jan. 1st, Mr. Henry Irving and Miss Ellen Terry in Lord Tennyson's play, "Becket." Evenings at 8; matinees Wednesday and Saturday at 3. Saturday night, Jan. 6th, in Louis XI.

Bowdoin Square Theatre.—Monday, Jan. 1st, Effie Ellsler. Evenings at 8; Wednesday and Saturday matinees at 2.

Globe Theatre.—Monday, Jan. 1st, Hanlon Brothers in "Superba." Evenings at 8; Wednesday and Saturday afternoons at 2.

Boston Museum.—Monday, Jan. 1st, Thomas W. Keene in Richard III. Tuesday evening and Wednesday matinee, "Richelieu." Evenings at 8; Wednesday and Saturday matinees at 2.

Hollis Street Theatre.—Monday, Jan. 1st, Mr. John Drew in "The Butterflies." Evenings at 7.45; Wednesday and Saturday matinees at 2.

PARK THEATRE.—Monday, Jan. 1st, last week of "Rice's Venus." Evenings at 8; Saturday matinee at 2.

COLUMBIA THEATRE.—Monday, Jan. 1st, "Charley's Aunt." Evenings at 8; matinees at 2.

DULEY & CO.,
Designers and Estimators of Society and School Pins.

TOURNAMENT CUPS AND CLASS CANES.

FINE SOUVENIR WORK.

DESIGNS FURNISHED for NEW SECRET SOCIETIES.

Designers of the

YALE, HARVARD, ANDOVER, and EXETER PINS.

Address Lock Box 21. CAMBRIDGE, MASS.

COES & STODDER,
14 SCHOOL STREET.

The Popular Store for Young Men's Shoes.

A Discount of 10 per cent given to TECH Students.
John Harriott,
Manufacturer of
Prize Medals and Cups,
Badges and Society Pins of Every Description.
Designs on Application.
No. 3 Winter Street,
Boston, Mass.

Gentlemen! I wish to call your attention to the fact that I am paying the highest cash prices for cast-off clothing. Also cleaning and repairing done at short notice.
Send postal to ........
M. Keezer,
171 Lamartine Street, Jamaica Plain, Boston.

The Brunswick
Boston.
Boylston and Clarendon Streets,
(Adjoining Copley Square)
Near the Museum of Fine Arts,
New Public Library, New Old South Church, and opposite Trinity (Phillips Brooks') Church, and Institute of Technology.
Kept on both American and European plans.
Barnes & Dunklee, Proprietors.
H. H. Barnes, Manager.

Boston
Foreign Bookstore.
Carl Schoenhof,
144 Tremont St., Boston, Mass.
Liberal discount to Tech. Students, especially on works imported to order.

Six Chicago Medals.

Dixon's Pencils (1),
Esterbrook's Pens (1),
Waterman Ideal Fountain Pens (1),
Writing Papers (2).

C. E. Ridler,
Boylston and Berkeley Streets, Boston.

Deane Steam Pump Co.
Holyoke, Mass.

Steam Pumps.
Boston Office: 54 Oliver Street.
Cigarette Smokers who are willing to pay a little more than the price charged for the ordinary trade cigarettes, will find this brand superior to all others.

The Richmond Straight Cut No. 1 Cigarettes are made from the brightest, most delicately flavored, and highest cost Gold Leaf grown in Virginia. This is the Old and Original Brand of Straight Cut Cigarettes, and was brought out by us in the year 1875.

Beware of imitations, and observe that the firm name as below is on every package.

The ALLEN & GINTER Branch of the American Tobacco Co., Manufacturers,
RICHMOND, VIRGINIA.

Frank Wood,
Printer,
352 Washington Street, Boston.

Scientific Books
DARRELL & UPHAM,
The Old Corner Bookstore,
233 Washington St., Boston.

WRIGHT & DITSON,
Leading Dealers in all kinds of
ATHLETIC SUPPLIES.
Football, Tennis,
and Gymnasium Clothing
A Speciality.

Send for Catalogue....

Wright & Ditson,
344 Washington Street
(Near milk),
BOSTON, MASS.

JOSEPH ENGEL,
Cigars, Tobacco and Pipes,
7 SCHOOL STREET,
near Washington Street, Boston.

Tost students will always find a supply of Hayward Mixture at our establishment.

STUDENTS'
Notebooks, Paper, Envelopes, Stylo. Pens, and
Fairchilds and Franklin Pens, etc.

H. H. CARTER & Co., 3 Beacon St.
"CO-OPTERATIVE STORE."

Artistic Photographer.

WITH our new large rooms we are more than ever fitted to provide our patrons with
the best work that can be produced.

SPECIAL DISCOUNT PRICE TO ALL "TECH
STUDENTS.

21 WEST STREET. BOSTON.
O. A. JENKINS & CO.,
COLLEGE HATTERS.
CORRECT STYLES.
BEST QUALITY.

Umbrellas
...and...
Canes.

407 WASHINGTON STREET, BOSTON.

Preparation for the
Massachusetts Institute of Technology.

This has long been a specialty at
CHAUNCY HALL SCHOOL.
Reference is made to the INSTITUTE FACULTY in regard to the thoroughness with which Chauncy-Hall pupils are fitted, not only for entering the Institute, but also for pursuing successfully their subsequent work. Preparation, also, for business and for college.

No. 593 Boylston Street, Boston.
(Very near the Institute.)

Pure, Fresh, and Delicious Candies.

A LARGE SUPPLY OF FANCY BOXES, BASKETS AND NOVELTIES CONSTANTLY ON HAND.

A. Mc MILLAN.
A. Mc MILLAN, Jr.

A. Mc MILLAN & SON,
Tailors and Importers,
288 BOYLSTON STREET (Opposite Public Garden), BOSTON.

Tech men are specially invited to examine our line of Scotch novelties in Suitings, which have been imported directly by us.
Our stock in other lines is very complete.

TELEPHONE, TREMONT 1017.