

MRS. SPEAR BECOMES NATIONALLY PROMINENT

Wife of Prof. Spear Founds
Woman's National League
for the Conservation of
Platinum

ESSENTIAL FOR WAR

Mrs. Elwood B. Spear, wife of Professor Spear connected with the Chemistry department of Technology, has recently risen to a position of national prominence by establishing a society for the conservation of platinum by the women of the United States. So important is the use of platinum in the present conflict that the action of Mrs. Spear is, beyond all doubt, one of momentous consequence to the cause of the Allies.

The Women's National League for the Conservation of Platinum was founded recently by the unaided efforts of Mrs. Spear and is already well organized in sixteen states and is, furthermore, spreading rapidly. Normal consumption of platinum in the United States is 165,000 ounces of the metal yearly and considering the increased war time demand for it, the League has sent out a warning to prepare for a Federal order commandeering all articles of jewelry which have platinum in them.

Chemists throughout the country declare that if America is to win the war an adequate supply of the precious metal is absolutely essential. Robert W. Neff, chairman of the American Chemical Society is on record for saying, "This is a chemist's war. Mrs. Spear is doing more for chemistry today than any of the societies. Her work is even more important than anything attempted by the government. If she succeeds in persuading the women of America not to buy platinum jewelry a big supply of the metal will be diverted to the laboratories."

Mrs. Spear, who formerly taught English at Wellesley College conceived the idea of a Woman's League for the Conservation of Platinum after holding many conversations with her husband. She began in a small way by talking to her friends in Cambridge. From there the idea was brought before the Woman's club of Greater Boston and after much persistent effort she finally succeeded in interesting a sufficient number of people to place her work on a firm foundation. And now it is becoming an affair of the gravest importance.

"Few who are not close to the chemists can begin to understand the place of platinum in the world war," said Mrs. Spear. "Without it all experiments in gases would have to cease and it might be impossible to discover chemicals to neutralize new German gases and thus render our soldiers helpless in gas attacks. Without it the wireless apparatus, acting as a danger signal and a means of communication for boys in the air, would be ineffective, and the submarine would lose its listening ear. Wireless contact points must be of platinum."

"Platinum is used in taking nitrates from the air for fertilizing purposes, an industry which may mean the saving of this country and the Allies from starvation. Platinum is the only metal capable of withstanding the corrosive effects of acids used in this process. If this is a war of chemists, then a failure to obtain platinum would result in a failure of the Allies. We must conserve this precious metal."

Mrs. Spear is also urging dentists to find a substitute for platinum in their work. The metal is used to make the pins that hold artificial teeth to rubber plates.

The League of which she is the head asks no dues and neither will it buy platinum. It is, instead, consecrated to the task of getting the woman of America to conserve the metal.

Ninety per cent. of the platinum mined has been obtained from the Ural mountains in Russia and the remainder in Columbia, Central America, the western coast of the United States, Spain and Siberia. Since 1912 it has almost doubled in price selling at the present time for eighty dollars an ounce.

FRESHMEN TO PURSUE NEW HISTORY COURSE

Foremost Historians to Address Class on
International Relations

Beginning this morning the entire freshman class will assemble every Saturday morning at ten o'clock in room 10-250 for a lecture on history by some prominent men recognized as being among the best in the realm of present-day historians. Professor Pearson of the English department, under whose direction the course is to be given, will address the assemblage this morning and tell the students of his plans for the work during the remainder of the term.

Professor Currier, who ordinarily has charge of the course, lectures as well as recitations, is at present on a leave of absence owing to sickness, so it has devolved upon the English department to take charge and furnish the instructors. Nine weeks of this term have been spent in studying the regular English and it is proposed to devote the remainder of the term to the history work.

An entirely new plan for the work has been devised and instead of having the students study such things as the different forms of government, how Senators are elected and the various functions of legislation, it has been deemed advisable to study the relations of the United States with the other countries of the world and show how this has brought the country to her present status. By thus learning the history of the international relations of this country with the other countries during the past century the students will be better able to understand the obligations this country has undertaken as a result of the world war. Among other things, it will be explained from the historian's point of view why we are now engaged in the titanic struggle.

On next Saturday, April 6, Professor Coolidge of Harvard University and author of the text which the class is to use, "The United States as a World Power," will give a brief outline of the contents of the book and also discuss the subject of the competition for Colonial possessions during the last thirty years.

On April 10, Professor Wallace Notestein of the University of Minnesota will discuss "Pan-Germanism." Professor Notestein, who is widely noted for his ability as a lecturer, is the author of "Conquest and Kultur," recently published by the Committee on Public Information.

TECH SHOW 1918

Music and Lyrics for "Let 'Er
Go" Now Complete

All the Show music has now been composed and orchestrated and the lyrics for the pieces are also complete. The orchestration was done by Mr. Harris, who also did the work for "Not A Chance" last year, as well as for several previous shows. The list of musical numbers with their respective composers together with the authors of the corresponding lyrics is approximately as follows:

Name, Music and Words follow:

ACT I

Opening specialty, Sherman A. McGregory '18.

"I'm Awfully Fond of Myself," Earl P. Collins '18, Jesse Stam '19.

"I'm in Love With All the Girls," E. P. Collins '18, E. D. Harrington '18.

"I'm Just a Quaker Miss," E. P. Collins '18, Jesse Stam '19.

"When I Look Into Your Eyes," Al-an B. Miller '18, A. B. Miller '18.

"Love Is Just a Burlesque," Frank D. Gage '21, F. D. Gage '21.

ACT II

"Manicuring Maids," E. P. Collins '18, S. A. McGregory '18.

Incidental music, E. P. Collins '18.

"Life is Full of Ups and Downs," Percy W. Carr '19, Carr and McGregory.

"Drifting," E. P. Collins and W. T. Hedlund '20, W. T. Hedlund '20.

Finale, E. P. Collins '18, McGregory and Harrington.

ACT III

Ballet Music, E. P. Collins '18.

"Oh Boy," E. P. Collins and A. B. Miller, John H. Coyle '20.

(Continued on page 4.)

"WIN THE WAR DAY" TO BE HELD APRIL 6

Celebrations Planned to Com-
memorate the Anniversary of
the Entry of the U. S. Into the
War

TECHNOLOGY MAY ENTER

Plans for a mammoth parade to be given in Boston on April 6 as a part of the national "Win the War Day" celebration are rapidly nearing completion, and the committee in charge of arrangements have announced that the parade will surpass any held in the city for the past few years. As a part of the national program, parades of a similar nature will be held in every large city throughout the country inasmuch as April 6 has been designated as the opening of the third Liberty Loan drive, and also will mark the first anniversary of America's entry into the war. The National Committee of Patriotic Societies has worked all the plans for the day.

Technology has been invited to be a participant in the local parade but no action has been taken yet as to the acceptance of the invitation. Definite action will be taken this week. It is estimated by the officials in charge of the Boston affair that more than 40,000 people will be in line. These will represent every walk of life from the humblest laborer to the bank president. Sixty bands will time the tread of the procession.

Applications by organizations to the committee to share in the parade include nearly every large society in this district. Floats, banners, bunting, Allied flags, brilliant costumes and posters will be only a few features of the parade. Many will appear in the costumes of their native countries. Two hundred Chinese have requested a float with their own music.

The committee in charge of the Danish participation reports that fully 1000 will take part, a large percentage in the costume of their country. Greek representatives expect to make an equal showing and to have something absolutely new in the way of designs. More than 3000 Italians will march in their section.

That the parade will be a truly cosmopolitan one can be ascertained at once from the fact that 5000 Jews, 700 Norwegians and Polish, 300 Czechs, 700 Syrians, 175 Russians, 3000 Swedes and a large number of Japanese have announced their intention of participating.

The Lebanon League of Promise have promised 300 members of the Scottish clans and organizations have done likewise.

In addition to having the parade, many other forms of observance such as exercises in schools, services in churches will be held. The following statement has been sent to the presidents of fifty National Patriotic organizations, to Cabinet Members and other government officials and to college presidents. It is intended more particularly for the benefit of the colleges of the country.

"At the beginning of our second year in the great war it is fitting that we have a national consecration to the task remaining before us. Because of numerous workless days during the past winter it is not advisable that the occasion should be made a holiday, but in every factory, store, mine, school and on every farm there should be a brief period during the day where everyone who is loyal to the flag should stand up and be counted. Flags should everywhere be unfurled. At twelve o'clock noon fac-

(Continued on page 4)

PROM PAYMENTS

The final payment of five dollars on the Junior Prom signups must be made before April 6 at 2.00 o'clock. The money can be paid any day during next week commencing Monday between 1.00 and 2.00 o'clock in the main lobby. Preliminary dance orders will be issued when the five dollars is paid.

HOMER ALBERS TO SPEAK TO CHEMICAL SOCIETY

Dean of Boston University Will Talk
April 9

Mr. Homer Albers, Dean of the Boston University, is to be the principal speaker at the next meeting of the Chemical Society April 9. The meeting will be held in room 2-190 and is scheduled to begin at 7.30 sharp.

Although Dean Albers has not announced his subject or given any hint as to what it will be it is conjectured by the officers of the Society that his talk will principally be along the line of his various experiences. This alone is enough to attract a large audience inasmuch as Dean Albers enjoys the reputation of being a very interesting and forcible speaker.

In addition to Dean Albers the officers of the Society intend to have a man from the New England Coke and Gas Works come to the meeting and give them a short talk on the plant which that Company maintains. As the Society is planning to make a trip to the plant about April 12th this discussion and description should be doubly interesting to all members.

Since the last meeting of the Society proved to be such a success with not only the members but also with the entire student body, the officers are considering the feasibility of a plan to throw open the meetings to every student. This would indeed be a wise move as any students not taking chemistry courses are showing a new interest in the subject owing to the exigencies of war and the prominence which chemistry has received. Between two and three hundred attended the last meeting of the organization which established a record for attendance. Definite action will be taken before the next meeting as to whether all students will be invited but it is practically certain that a policy favorable to the student body will be pursued.

TRACK MEET

Technology Team to Face
Cornell in Big Meet

On May 4, Technology's track team will meet Cornell for a dual meet at Ithaca. This is by far the biggest dual meet that our team has ever entered, as the Cornell team leads all colleges in the field of track sports.

Technology will send a strong team to Ithaca. Captain Herzog will lead the team, and will run the mile. Among the other milers, Carpenter and Stone both show up well. In the two-mile event, Halfacre and MacMahon, both veterans, will work together. Bardes, Bawden, Brickett, McCarty and Westland are all fighting for places in the 880-yard run. Avery, Bardes, Bawden, Conant and Ormon are fast quarter-milers, and Bossert, Junod and Wilson all look good in the sprints. Hurley, Mills, and Sheldon will probably take care of the hurdle events. Although there are several good men in the field events, there is a great need for more men here. Peirce has shown his ability as a high jumper, and Sheldon in the pole vault. Peirce and Avery are contenders in the broad jump and Buckley, Drew and Keller are working in the weight events.

The Cornell team is an unknown quantity, for most of its old stars have left, but this is no sign that the Ithaca will not have a strong team, as Coach Moakley is noted for his ability to build up a team from raw material. It is generally considered that the meet will be a hard one for each side, although little can be predicted this early in the season.

Outdoor practice started last Monday. The cinder track is not yet in use, but about seventy men are working out on the field. Coach Kamaty wishes to urge more men to come out for the field events, and states that there is a big opportunity for new men to go to Ithaca in these events.

FRESHMAN BASEBALL

Candidates for the freshman baseball team will meet in the Caf next Tuesday afternoon at 5:00 o'clock sharp.

TWO TECHNOLOGY MEN KILLED "OVER THERE"

Kelly '15 Dies in Automobile
Accident in France, While
Details of Death of Nathan
'20 Are Lacking

BOTH WERE LIEUTENANTS

Through the official medium of the War Department word has been received of the death of both Lieutenant John G. Kelly '15 and Lieutenant T. Cushman Nathan '20. The former was killed in an automobile accident in France, while accurate and detailed information concerning the death of Nathan are as yet unknown. The reports are conflicting; some state that Lieutenant Nathan was killed as the result of an accident while flying in Scotland and another places the scene of his death in France, where, as the report reads, he was killed in action.

Kelly held a commission of first lieutenant of Company A, 10th Engineers, and sailed for France with his regiment last September. He lived in Portland, Oregon, and before his alliance with the class of 1915 he attended the University of Oregon and the Oregon Agricultural College. While at the Institute he won fame as an athlete, particularly for his abilities as a wrestler. He was a member of the Sigma Chi fraternity.

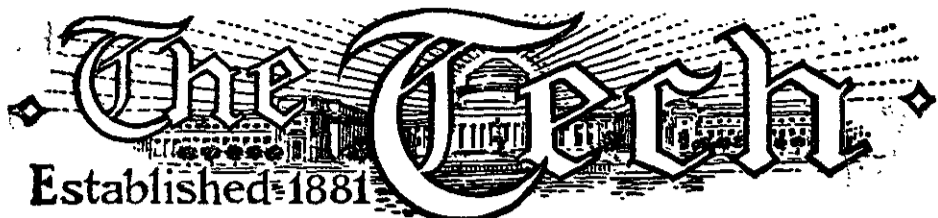
Lieutenant Kelly started his life work as a civil engineer with the Whitmer-Kelly Company and left an engineering career full of great promise to enter the national army. Among his early engineering achievements was the construction of the state fishery hatch at Bonneville, Oregon.

He left Portland last June and was for some time stationed at Fort Riley, Kansas, later being transferred to Washington, D. C., for the purpose of taking a course in training at the American University located at the national capitol. Lieutenant Kelly, as has been stated, left for France in September. During the voyage across he was taken ill and, upon arrival on the other side, was in a critical condition at a military hospital at Southampton, England. Immediately following his recovery shortly before Christmas, he rejoined his regiment in France. The 10th Engineers has been engaged in various lumbering projects near the front. Lieutenant Kelly met his death on March 15.

Lieutenant Nathan came from Newton Centre, Mass., and attended Dartmouth for one year before transferring to Technology. While an undergraduate at the college in the New Hampshire hill lands he played on the Green's first year eleven and was one of the most popular men in his class. Last year he was prominent in undergraduate activities at the Institute, being captain of the freshman foot-ball team, president of his class and a member of the Institute Committee. He belonged to the Theta Delta Chi Fraternity.

When the United States entered the war last April, Nathan enlisted in the aviation branch of the service and was immediately sent to Miami, Florida, in order to receive his ground training. Later he went to Berkeley, California, TECH-51, and from there to Oxford and Stamford, England and to Ayr, Scotland. One report has it that he was killed in a flying accident at Ayr, and it was here that he received his commission on Wednesday, March 20, the day he died. Nathan should have been commissioned some months ago, but owing to a delay in sending papers, his shoulder straps were withheld.

The news of his death, meagre and inaccurate as it is, was obtained in a round about method. On Friday, March 22, his father, a jeweler at 373 Washington street, Boston, received a cablegram from an unknown person in Scotland which read, "deepest sympathy." Evidently Mr. Nathan took the matter up with Senator Weeks in Washington and as a result of an investigation on the part of the senator's secretary the above information was obtained.



Entered as second-class matter, September 16, 1911, at the Post Office at Boston, Mass., under the act of Congress of March 3, 1879.

Published twice a week during the college year by students of the Massachusetts Institute of Technology.

MANAGING BOARD

Paul C. Leonard '17.....Chairman of the Board
 Donald D. Way '19.....General Manager
 Count B. Capps '20.....Managing Editor
 Lincoln B. Barker '21.....Circulation Manager

Subscription \$1.50 for 53 issues, in advance. Single copies 3 cents.
 Subscriptions within the Boston Postal District or outside the United States must be accompanied by postage at the rate of one cent a copy. Issues mailed to all other points without extra charge.

News Offices, Charles River Road, Cambridge, Mass. News Phones, Cambridge 3600; Tuesday and Thursday after 7 p. m., Cambridge 6265. Business Offices, Charles River Road. Business Phone, Cambridge 2600.

Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. The Tech assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

IN CHARGE THIS ISSUE

K. Roman '20.....Night Editor
 G. Russell Steininger '21.....Assistant Night Editor

SATURDAY, MARCH 30, 1918

OUR AIR SERVICE

THE air service will be right in the line and a little bit ahead of the procession when the big U. S. Victory Drive starts.

This is the opinion of R. W. Chandler, special War Correspondent for The Tech, as expressed in a communication from him published in the present issue.

Lately there has been much criticism of our airplane program, both in the Senate and among the lay people. No doubt, much of this is justified, but certainly not to the extent to which it is given.

Mr. Chandler further declares that "our planes are in a class above all others," and he, as an instructor in the air service, is in a position to know.

Let us not be too hasty to judge government war work, but rather keep a watchful eye on proceedings until we are sure of our grounds for criticism.

COURTESY AND THOUGHTFULNESS

A DAY or two ago an old lady boarded a street car in Central Square. She was very feeble; so much so that she was escorted by two other ladies. Fully seventy-five per cent of the passengers were gallant Technology students, and yet not one of them offered his seat to her.

However, at the farther end of the car sat a foreign student who is doing graduate work at the Institute. He observed this lack of courtesy (or was it lack of thoughtfulness?) on the part of the other passengers, and offered his place, although the lady had to walk the entire length of the aisle to accept it.

Are our American students so much more lacking in courtesy and thoughtfulness than our foreign students!

Technology men should come to realize that both of these characteristics are necessary to every professional man if he is to be successful. Without them the engineer, for example, will lower himself to the level of the rough gang foreman.

Remember, fellows, you are students today, engineers tomorrow and gentlemen at all times.

The next time Max Keezer calls, "Old Clothes," start rummaging around your closet. Gather up all you can possibly spare and ponder carefully as to how much you can make him pay. Put them all in a nice neat bundle. Carry them downstairs and go to the front door, say in a cheerful tone, "I have a lot of old clothes, but—I'm going to give mine to the Red Cross." Then go to the phone and have the Red Cross wagon stop—chuckling the while to think how you fooled Max and how some "little Belgians" will look in your old blue uniform.

Many Technology students find it difficult to keep up regular habits of church-going while here. But since there is one Sunday in all the year when all Christendom acknowledges its obligations to its Faith by attending church, it may not be out of place to remind ourselves that that day—Easter—is tomorrow. There is the added inducement that some of the best pulpit talent in the world is in Boston, and wonderful musical programs will be given in their churches.

SPRING CONCERT SALE OF TICKETS TO START TUESDAY

Limited Number of Tickets to be Sold.

The Musical Club management wishes to announce that the sale of tickets for the annual Spring Concert at the Somerset on the evening of April 17, 1918, will start Tuesday morning. All tickets will be on sale at Co-op. at 9.00. In view of the fact that the capacity of the Somerset ball room is not very great, and of the discomforts experienced by too large a crowd, in the past, the management has been obliged to limit the number of couples. Consequently there will be sold only enough tickets for 150 couples, besides those connected with the clubs. All Institute men who expect to attend the concert are urged to get their tickets as soon as they go on sale. There will be no tickets for sale at the Club office. As last year the price of the tickets will be \$2.00 without war tax. The management has agreed to pay the war tax. With every pair of tickets sold there will be a Preliminary Dance Order.

In regards to Fraternity reservations, the same custom will be followed as in the past. On Tuesday morning from 8.30 to 9.30 applications for such reservations will be received at the office of the Musical Clubs. Later announcement will tell the time when these reservations will be assigned.

FRESHMAN SWIMMING TEAM THIRD IN TRIANGULAR MEET

Last Tuesday the freshman swimming team was the loser in the triangular meet held in the Brookline tank. Brookline High with 25 points outscored English High with 15 points, and Technology freshmen with 14 points. Biddell of English High was easily the star of the meet, winning both the 100-yard and 50-yard swims, and coming second in the dives. The feature of the contest was the relay race in which Ridley of Brookline overtook Shaw '21 in the last lap. This race was the deciding factor of the final score, for it counted 8 points. Captain Greene of Technology took the 150-yard event from Richardson of Brookline without much effort and gained a close third in the diving. Winn won the plunge with apparently no exertion, by only one trial. Trowbridge tied Ridley, the fast schoolboy sprinter, for second place in the 100-yd. swim.

The meet took place under most deplorable conditions for both visiting teams. Brookline furnished no men to touch off our men or those of English High in the relay whereby each man of the latter teams would invariably lose a yard at their start. Also the visitors had to stand up during the entire period. The results would have been much closer under normal conditions. The summary:

Relay race—Won by Brookline High (D. Richardson, Threshie, Woods and Ridley); second Technology freshmen (Young, Greene, Trowbridge and Shaw); third, English High (Biddell, Richardson, McCafferty and Armington). Time 2m 1 3-5s.

50-yd. swim—Won by Biddell, English High; second, Woods, Brookline High; third, Shaw Technology '21. Time 36 3-5s.

100-yd. swim—Won by Biddell, English High; second, tie between Trowbridge '21 and Ridley, Brookline High. Time 1m, 1 4-5s.

150-yd. swim—Won by Greene, Technology '21; second, P. Richardson, Brookline High; third, Richardson, English High. Time 1m, 35 3-5s.

Plunge for distance—Won by Winn, Technology '21; second, Kline, Brookline High; third, Harrison, English High. Distance 54 1-2 ft.

Diving competition—Won by Donovan, Brookline High; second, Biddell, English High; third, Greene, Technology '21.

M. I. T. SUPPLIES OFFICERS

The local office of the sea service bureau of the United States Shipping Board recently supplied five sets of officers for Dutch ships taken over by the government. The most of these officers are men who have been given intensive training in the free government navigation and marine engineering schools at Technology.

Each of the sets of officers consists of a captain, three mates, a chief engineer and three assistant engineers. All men stand high in the tests given by the steamboat inspection service.

FACULTY NOTICE

All men who are required to take freshman History and who have not been attending E 12, are asked to report to Professor Aydelotte at once in order to get assignments to sections for the recitations and seat numbers for the lectures. The text book used in the courses will be Professor Coolidge's "United States as a World Power," which is now on sale at the Cooperative Store.

—Henry G. Pearson.

Tech Students

CAN BE CLOTHED TO THEIR COMPLETE SATISFACTION BY

MACULLAR PARKER COMPANY
 Manufacturers and Retailers

Dependable Fabrics, Workmanship and Styles
 Garments Ready to Wear and to Measure
 FINE FURNISHINGS STETSON HATS
 Officers Uniforms Army and Navy
 Made to Measure

BRANCHES AT AYER AND PLATTSBURGH

MACULLAR PARKER COMPANY

400 WASHINGTON STREET BOSTON

SIMPLEX WIRES AND CABLES

A STEEL TAPED CABLE REQUIRES NO CONDUIT

IT SAVES TIME AND MONEY

Get our booklet

"STEEL TAPED CABLES"

SIMPLEX WIRE & CABLE CO.

MANUFACTURERS
 201 DEVONSHIRE ST. BOSTON
 CHICAGO SAN FRANCISCO

The Walton Dairy Lunch

Open For Our Technology Patronage

Opp. Technology Building 78 MASSACHUSETTS AVE.

BACK BAY NATIONAL BANK

109 MASSACHUSETTS AVE.

Commercial Accounts, large or small are solicited

Savings accounts go on interest Monthly at

4 1/2%

ARMSTRONG, TRANSFER CO.

BAGGAGE, CARRIAGE AND AUTOMOBILE SERVICE TO ALL RAILROAD STATIONS

Purchase your railroad ticket in advance, then let us check your baggage to destination, saving you the trouble of rechecking at station.

Brookline Office—1296 Beacon St. Telephone, Brookline 3020
 General Office—271 Albany St. Telephone, Beach 7400

We Announce A NEW DEGREE

that of

L. L. B.

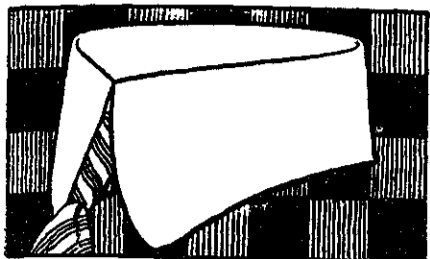
(Liberty Loan Buyer)

Automatically conferred upon those who, by saving now, will buy a Liberty Bond when the Third Liberty Loan is announced.

Save by Plan.

LIBERTY LOAN COMMITTEE OF NEW ENGLAND

Liberty Building, Boston



CLARIDGE
The New Fall
ARROW
COLLAR

YOUNG MEN WANTED
We will have positions during the summer suitable for teachers or students who wish to spend their vacations profitably in some one of the cities where our restaurants are located. The work is interesting, the surroundings cheerful, the hours regular and the pay good. If interested, write at once to **CHILDS CO., 200 Fifth Avenue, New York**

All
Walker Memorial Dining Rooms
Are Open to
All Tech Men
NOW
Open Daily and Sunday

Hotel Lenox Boston
The one hotel in Boston where the college spirit always prevails.
The Italian Room is a new note. Try it. Italian dishes prepared by an Italian Chef.
Supper, Dancing, 9 to 1. Lenox Orchestra puts song in your heart and wings on your feet.
L. C. Prier, Managing Director.
Hotel Brunswick under same management.

Robert A. Boit & Co.
40 Kilby Street
Boston
INSURANCE OF ALL KINDS

THE TECH'S WAR CORRESPONDENT WRITES VIVIDLY OF ARMAMENT WORK IN AVIATION

Captain R. W. Chandler '12 Spins Brilliant Yarn of Recreation and Duty in France—Air Service Well Equipped

HAS FLOWN OVER ENTIRE FRENCH FRONT

By R. W. Chandler
(Special War Correspondent)
The issue of The Tech for January 25, 1918, just received, reminds one of the long time and long distance that lie between the old office over the stairs in the old Union on Trinity place, and the present "office" which is a round hole about two feet in diameter and three feet deep in a long cloth-covered box. This office is furnished with machine guns instead of typewriters, and ammunition racks instead of desks, but many of its functions are the same. It may be a single as in a monoplane, a double affair in a biplane, or there may be a suite in the larger planes. The function of greatest importance here as in the other office is to get a "dead beat."

I am confident that this story will not go from the Eiffel Tower to Arlington, Va., to be interrupted by the Huns with their direction finder, as many that I have listened to have been. But it should be a "beat" all the same. For this, a story of the February dinner of the Technology Club A. E. F. is coming, will be handled by no other paper. On Saturday night, May 2, a large number (I have to censor this myself, so you'll pardon the omission of a number of details of undoubted interest) of Tech men gathered round the festive board in regular Tech style. It was blowing and snowing outside and there was no chance of Fritz dropping any bombs to interrupt the party. Round the table were men in the uniform of three nations, of practically every branch of the service, and from a very wide section of the fighting front.

In true Tech style (at least the style of my day) I will now state that the following menu was served in the customary bountiful(?) manner:

- Soup (a taste)
- Roast Beef
- (A sample—if satisfactory then no more)
- Potato
- Stewed Fruit
- War Bread
- Wine
- Cafe

(If you didn't get your sugar from the Q. M.???)

While Mr. Lansing, the friend of all Tech men over seas, was passing around some REAL cigars, the chairman introduced the speaker of the evening, a very well-known special investigator for the Department of Foreign Trade. He told in a most interesting fashion of the results which the war has brought home to the people of France already and of those which will probably follow in the next few months, providing the war continues. At the conclusion of his talk, the fellows told stories of their experiences and enjoyed their good fellowship for a long time. The men present were filled with a feeling of co-operation coming from those back home, which is emphasized by an affair of this kind better than in any other way.

The Doctor opened his little informal talk by saying that he was to repeat what he had in part told many organizations during the last few months in an effort to get the men just over from the United States to understand the French point of view. He showed what a home-loving nation we are fighting for by giving the numbers of foreign born French in the United States at the beginning of the war to be less than that of Sweden, Holland, Italy, Austria, Germany, Belgium, or Denmark. He showed what a tremendous part of France's national wealth of coal, iron, agriculture and industrial power was still in the hands of the enemy. It is true at present that this percentage is about seventy-five, a perfectly enormous figure. And he brought out clearly the work which must be done by America and Americans in the education of the country and its people, if they are to ever pay off the debt, greater than that of any other nation which the soldiers of the Kaiser have imposed. One of the most startling facts that was brought out in the discussion, is that without doubt, one and a half million French soldiers have given their lives in saying to the Huns, "Thou shalt not pass," and that twice that number have been incapacitated almost completely. Another thing which was most interesting discussed by a Tech professor well known to all is the work which the Red Cross is doing in the education of the people and their assistance in the work of stamping out tuberculosis. The white plague is one of the greatest enemies of the country today and the one which the people were the least able to combat successfully.

After the discussion and stories were finished the men were shown the material which has been received from Technology's women, or rather such of it as

The Tech Has Vital Interest for Alumni Fighting in France

The following letter telling of the interest taken by Institute Alumni "over there" in THE TECH was received with the accompanying article from R. W. Chandler '12.

AMERICAN EXPEDITIONARY FORCES.
U. S. AIR SERVICE.
ARMAMENT.

March 3, 1918.

Mr. Paul G. Leonard,
Care THE TECH,
Charles River Road,
Cambridge, Mass., U. S. A.

Dear Leonard:
You can have little idea of the warm feeling that creeps into a man's heart when he picks up a paper which has as vital an interest for him as THE TECH has for Tech men, and reads a little news of the boys back home. The issue for January 25th got here just in time to help royally at the dinner last night.

It did me so much good that I wrote a bit of a description, a sort of hash, of the dinner, of France, and of many things. If you run out of copy at ten-fifteen some night, it may help. I believe it will be of interest to some of the fellows at the Institute.

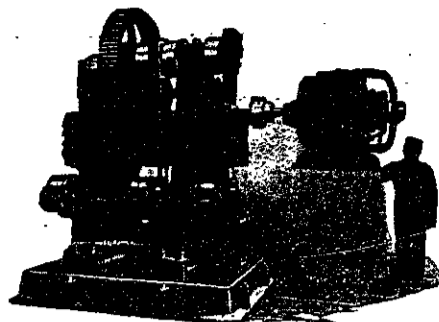
With kindest personal regards and best wishes for the continued success of THE TECH, I am,
Cordially yours,
R. W. CHANDLER,
Captain, Armament Officer,
Air Service.

has not been given out. There is several thousand dollars worth of material furnished by Tech women in the United States and sent over here to be given to whoever may have need. It was truly a cheering sight, and it is a work which cannot be too highly praised, for it has a value in morale far in excess of any physical comfort which may be derived from the material itself. The Tech men in France are truly proud of the Tech women behind them in America and deeply grateful for their loving thoughts and deeds. May the good work go on in ever increasing volume until that time when it shall no longer be necessary.

There are rumors abroad of discomforts experienced in the United States on account of food regulations and a little idea of the situation here may be of interest. Either in town or country, unless you are lucky enough to be stationed at some headquarters, you are undoubtedly billeted. This means that you have the same food as the French people, purchased from them. It consists of war bread (very war) without butter, no sugar at all, no cheese, no milk of any kind after early morning, and a little of those things which can be cooked without using the above. In England on my last trip, there was no meat available, no sugar, no tea, no butter, and mighty little of everything else. The food supply there seems much more scanty than in France, but in both countries there is no discontent and no open dissatisfaction apparent. The easiest and pleasantest means of travel between the two countries is by plane and it is also a great saver of time.

The American University Union which has grown out of the unformed desire of Tech men to help, and out of the modest beginning of the Tech Club of Paris, is doing a great work here for the college men in the service. It is filling a place which could not be taken by any other possible activity. Its worth is possibly not recognized even by all of those who have partaken of its hospitality. Its worth is probably not recognized by the men in the United States upon whom it depends for support. Its worth, however, is so great and such a tremendous power for good in the lives of the men here that it should be lauded to the skies and it should receive from the colleges in the United States which are allied in the work the most loyal and self-sacrificing support. If a picture could be taken of the men coming and going during any evening, and carried to the States and projected upon a screen for the benefit of the undergraduates and graduates of each college, it would bring home to them as no word picture ever could, the wide scope of work and vast distribution geographically of the men who make use of its advantages. I have, as may be considered natural,

HIGH PRESSURE HYDRAULIC PUMPS



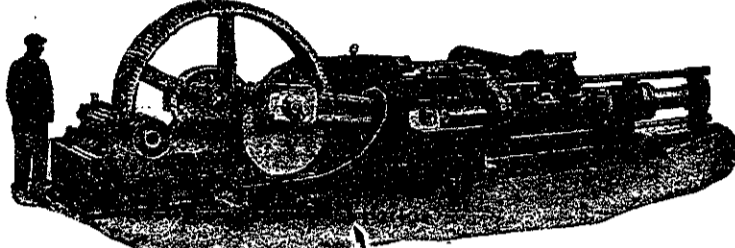
Motor Driven, Vertical Single Acting Triplex Hydraulic Pump, Class "JJ"—Pot Valve Type.
This type of pump is built in both the pot valve and plain type with plungers of 7-8 in. to 5-3-4 in. diam. Pressure capacities range from 12,000 lbs. to 700 lbs. per sq. in. Water capacities from 3 gal. to 185 gal. per min. Stroke lengths are 8, 10 and 12 in.

What the engine is to the power plant, the pump is to a hydraulic installation. Successful operation with hydraulic power is to a great extent dependent upon the merit of the pump. Pumps for handling liquids under high pressures require materials and construction very different from those used in pumping water for ordinary service. Two general types are in use: power driven and direct steam driven. Power driven pumps are built in vertical and horizontal types and for hand, belt or motor drive. Steam pumps are built in the horizontal type only. The kind and size to be used for any given purpose depends, of course, on the operating conditions and the local power facilities. The two pumps here shown represent the most advanced practice in design and construction. Our standard line of hydraulic pumps embraces over 250 types and sizes. We also design and build special types for special requirements. An elaborate Hydraulic Pump Catalog is now in the course of preparation.

THE HYDRAULIC PRESS MFG. CO.

Engineer-Builders of Hydraulic Machinery Exclusively
MOUNT GILEAD, OHIO

Branches: New York City, Cleveland and San Francisco
FRANK B. McMILLIN, Gen. Mgr. and Secy.



Four Plunger Horizontal Motor Driven Hydraulic Pump, Class "O." A simple, heavy duty machine, built for high pressure, large volume and long service.

Capacity, 24 to 325 gal. per minute. Pressures range from 700 to 9500 pounds per sq. in. Speed of Crank Shaft 60 R.P.M. Stroke 16 in. Effective speed of each plunger 60 ft. per minute.

been doing largely experimental and instruction work since the Air Service has been able to take little active part in the war up to the present. In spite of that fact, the work is full of interest, danger and excitement of all kinds. Flying is the order of the day, and on an average of over three hours per day for the last month. We have gone to seventy-one hundred meters several times, both in an effort to break through the ceiling and also to carry out certain very necessary high altitude tests. Needless to say, that height from the ground is very unpleasant whether over the lines or not. I have been to many of the camps in England and over the whole length of the Western front as well as most of the balance of France lying behind the zone of the advance. This period in the growth of our Air Service is at an end, right now. Our new machine guns are good, our new Liberty motor has opened the eyes of the French, our pilots are the best in the world as raw material and they are beginning to go over the top to get the experience which they need to best Fritz, and our planes are in a class above all others. The Air Service will be right in the line and a little bit ahead of the procession when the big U. S. Victory Drive starts. As I said at the beginning, it is a long, long way from Technology, but there are many Tech men here, many in the Air Service, and they are every one of them doing very good work along their various lines. Some of them are men who left the State in the midst of their work to help, others came from the Faculty, while of course the larger number are men who came from their professional work into the Service at a greater or less number of years after finishing their work at the Institute. They are all pulling together hard with other college men, and with men who never went to college to wipe up the ground with the Kaiser, and then to get home quick.

T. C. A. TO REORGANIZE EMPLOYMENT BUREAU

S. W. Vadner '21 has been appointed chairman of the Employment Bureau of the T. C. A. An especial effort is being made this term to increase the usefulness of this branch of the organization's service, and an effort will be made to acquaint more people who employ student help of the men available for various duties. Much attention will be paid to placing men who are in a position to tutor and to placing men for summer employment.

For a number of years Dean Burton has successfully carried on this work; last year, however, it was taken over by the T. C. A. and it has been decided that the securing of employment can be carried out to better advantage by the students under the general oversight of Dean Burton. The latter sees that the employers are of the right sort to employ students and are thoroughly reliable.

Harold W. Bibber '20 is the new chairman of the Recommended Recreational Reading department. Different members of the faculty and a number of alumni recommend books which are immediately purchased and placed in the library, if not already there. The new books will be ready April 1, and the list will be published in The Tech as well as posted in the library.

STONE & WEBSTER

FINANCE public utility developments.
BUY AND SELL securities.
DESIGN steam power stations, hydro-electric developments, transmission lines, city and interurban railways, gas plants, industrial plants and buildings.
CONSTRUCT either from our own designs or from designs of other engineers or architects.
REPORT on public utility properties, proposed extensions or new projects.
MANAGE railway, light, power and gas companies.

NEW YORK BOSTON CHICAGO

Law Students
THE BOSTON UNIVERSITY
LAW SCHOOL

gives the student such training in the principles of the law and such equipment in the technique of the profession as will best prepare him for active practice wherever the English system of law prevails. Course for LL.B. requires 3 school years. Those who have received this degree from this or any other approved school of law may receive LL.M. on the completion of one year's resident attendance under the direction of Dr. Melville M. Bigelow. Special scholarships (\$50 per year) are awarded to college graduates. For catalog, address
Homer Albers, Dean
11 Ashburton Place, Boston

CORDAGE and TWINE

Trade Mark
Samson Cordage Works
BOSTON, MASS.

Headquarters M. I. T. War Service Auxiliary

491 Boylston St., Boston
 Information Bureau open daily. Workroom open Monday and Thursday afternoons, Tuesday, Wednesday and Friday mornings. Everyone interested in Technology welcome, as visitor or worker.

Technology Bureau University Union

8 Rue Richelieu, Paris
 London Branch, London

TECH SHOW 1918

(Continued from page 1)

Wedding music, A. B. Miller '18. "Dance the Game of Love," E. P. Collins '18, S. A. McGregor '18.

The music is now for the most part on the press and is being finished up for the score. It has been previously said that the music was particularly good this year, further evidence of which has been shown in recent chorus and orchestra rehearsals. The pieces are coming along well and some combined orchestra, cast and chorus rehearsals have already been had, with fair results.

Thursday evening's cast and chorus rehearsal at the Boston Opera House was very encouraging. The different acts showed off well on the big stage while the songs could be clearly heard in all parts of the house. Some little anxiety had been felt regarding the songs because when they were sung in the Caf they had seemed dull and when they were sung in 2-190 they were killed with echoes. The lines of the characters for the most part were also

distinct in the back of the house, which was most reassuring. The footlights tended to lend considerable reality to the rehearsal, but what was probably the greatest assistance of all was the extent of space.

Two weeks ago it was expected that the second and third acts would not have to be rewritten but as the Show developed it became apparent that a good many changes must be made. The work on the second act has been worked up gradually and on Wednesday evening Coach Duncan expressed himself as satisfied with it essentially as it stood. At Thursday's rehearsal the rewritten third act was gone over. It was found that it worked out very well. Several difficult situations were straightened out and now it is certain that the last act will more than measure up to the other two, thus assuring a good climax. After two or three more rehearsals of the third act, the whole show will have reached that place where the refinements and distinctions will show up to make a finished product. The characters can now learn their lines for the first two acts complete and by next week, for the third act, also.

The proofs on the cast, chorus, orchestra, and management pictures have been received and anyone desiring to look them over with the idea of getting some will please see Lee as soon as possible. The large size pictures are \$2.00 requiring a deposit of 50 cents and the small size are \$1.00 requiring a 25-cent deposit on ordering. Certain of these pictures will appear in "Technique," but it is not entirely certain which ones.

MUSEUM OF FINE ARTS

As a part of the series of the Sunday talks given at the Museum of Fine Arts, Mr. Burleigh Parkhurst will speak on Gilbert Stuart and the portraits in Gallery VI of the Evans Memorial Galleries. The lecture will start at 3.15 o'clock.

On each Sunday Mrs. Whitmore will conduct small informal groups through the galleries at 2.30, 3.15 and 4.00 o'clock.

ENTRANCE EXAMINATIONS IN JUNE TO BE COLLEGE BOARD

Fall Term to Open One Week Late On Account of Summer Courses

As a war measure the Institute announces that the usual entrance examinations for June will be replaced by the examinations of the College Entrance Examination Board, which will be held at the different places appointed by the Board, during the period, June 17-21, 1918.

The opening of the Institute year of 1918-19 will be delayed one week, and the date will be September 30 instead of September 23, as announced. This delay will also affect the examinations scheduled for September 12 and 14-17, which will come one week later, respectively. The registration will begin, Thursday, September 26, instead of September 19 as announced.

In consequence of these changes there will be two classes of students who will have a week longer breathing spell; newly entered freshmen, and the Juniors. It is a part of the plan with reference to the hundred and more junior freshmen who came into the Institute in February, to have them continue their studies through the summer vacation, at the end of which time they will have caught up with the freshmen who entered in September. Particular attention was paid to the physical condition of these men so that the selection has been really of those who are fit. The week of delay will be very welcome to them and equally so to the class of Juniors who will have been at their studies throughout the summer in anticipation of their Senior work and it will be possible for them to receive their degrees early in the second term and get into the service of their country as Technology graduates four or five months earlier than they would normally. The plan of the junior camp of last summer has been the means of placing already some seventy or eighty men of the Senior class at the Institute in military service or in the industries allied to the war, and this summer will witness a repetition of the process.

ORDNANCE DEPT. CALLS FOR TECHNICALLY TRAINED MEN

The following article which appeared in the last issue of the Electrical Review should prove to be of great interest to Technology alumni who desire to place their technical talents at the disposal of the government where they would be of the greatest use. The article should particularly appeal to the graduates of Courses II and X inasmuch as they are the most qualified to answer the appeal.

"The Engineering Bureau of the office of the Chief of Ordnance of the War Department desires to obtain a number of technical graduates, who if accepted are to be given commissions in the United States Army. Highly skilled chemical and mechanical engineers capable of engaging in research work, in the preparation of chemical compounds, and in the designing of intricate mechanical devices are needed. These men must be at least 25 years of age, must be graduates of universities or technical schools, must have an earning capacity of at least \$1700 a year, must be physically sound, and must be in some classification other than 1-A under the Selective Service Law. Notification has been received in Chicago that a board of army officers will probably soon visit this city for the purpose of getting in touch with prospective candidates for these commissions. The work to be done promises to be very interesting to the kind of men qualified to undertake it. For preliminary interview apply to the Military Training Camps Association, 624 Consumers Building, Chicago."

It is considered not unlikely that a visit will soon be made to Boston by a group of army officers for the purpose of getting men for this branch of the service but meanwhile any Technology alumnus or other person interested may obtain complete information by writing to the above address.

NEW HAVEN ALUMNI ASSOCIATION TO HOLD DINNER

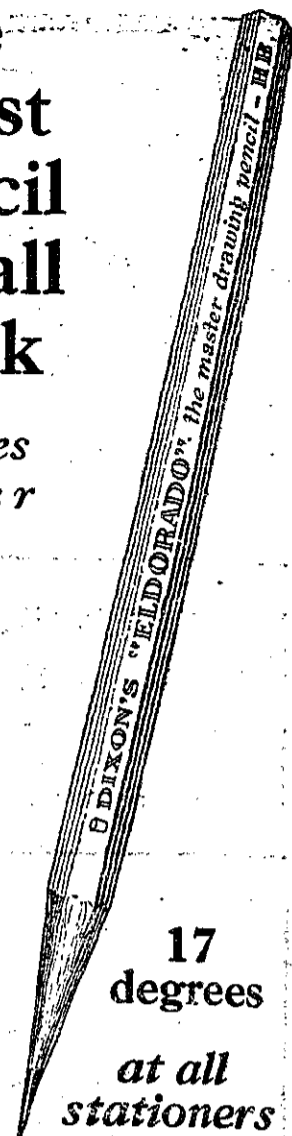
The New Haven Alumni Association will hold a dinner at the New Haven Lawn Club on Whitney avenue, April 11, at 7.00 o'clock. The price will be two dollars per plate.

Professor C. Frank Allen will be present as representative of the Alumni Council to tell of the various Technology war activities. Arthur T. Hopkins, who is prominent in the organization of the United States Rubber Co., will address the members of the organization. The other speaker of the evening will be Professor C. E. A. Winslow, who recently returned from Russia.

All those who intend to attend the dinner are asked to communicate with the secretary, R. L. Parsell, 161 York street, New Haven, Conn.

The finest pencil for all work

*It writes easier
 It lasts longer.*



17 degrees

at all stationers

DIXON'S ELDERADO

"the master drawing pencil"

"WIN THE WAR DAY"

(Continued from page 1)

tory whistles and church bells should send forth a volume of sound that will reach Berlin. Every band in the country will then play the "Star Spangled Banner" while people stand at attention. In the evening in the churches, halls and theatres the people can gather for meetings of inspiration. Regiments of the National Army may parade in cities near the cantonments.

"The winter of our discontent" with its coalless days and congested railroad and other minor annoyances is past. The spring with its promises of abundant crops and increased industrial production is here. Now is the time for America's Home Army to mobilize and thus bring courage to our boys in the trenches and cantonments, and depression to our enemies. Let Germany feel that this is a popular war in America. The effect of having the nation a unit in patriotic thought on this day cannot be over estimated. It will bring renewed courage and hope to our brave Allies.

"In every college there should be special patriotic exercises at which messages from students and alumni in the nation's service may be read, instruction as to how every college student can do his part to win the war can be given and a pledge of allegiance to the flag and to the cause of the war repeated by all. The colleges of America have responded nobly to the call to Arms. On April 6th faculties and students should let their brothers in the field know that they are with them in spirit and effort."

FINANCE REPORT

Track Team Report for Term Ending Jan. 31, 1918.

Receipts.
 Student Tax \$370.00
 Dartmouth guarantee 50.00
 Field Day Gate Receipts 187.25

Expenditures.
 Dartmouth Trip \$ 95.50
 Field Day Dinner 117.63
 Other Field Day expenses 60.06
 I. C. A. A. A. A. Cross-Country Run, New York 220.95
 Back bills, 1916-17 46.20
 Miscellaneous 62.18
 Balance, Jan. 31 4.77

\$607.25

(Signed), C. H. Talcott, Manager

W. W. Wier,
 Chairman Finance Committee

A report for the crew will appear in the next issue.

TENNIS MEETING

A very important meeting of the tennis team will be held on Monday, April 1, at 5.00 o'clock in room 10-275. All candidates must report at the meeting as the days for practice will be decided upon and the plans and prospects for the season will be discussed by Captain Pierce. -18.

MURAD THE TURKISH CIGARETTE



He's got a box of Murads in his old kit bag.

See him smile—smile—smile.

Judge for yourself—

Anargyros
 Makers of the Finest Cigarettes in the World
 and Egyptian Cigarettes in the World