

S. A. T. C. WILL DISBAND DECEMBER 4TH TO 21ST

Army To Discharge Fifty Men A Day Until Demobilization Is Complete — No Informa- tion About Naval Unit—Exer- cises Continue.

Orders regarding the disbanding of the S. A. T. C. are about to be put into effect. The Commandant expects to discharge fifty men a day beginning December 4th, so that by December 21st the entire force will have been mustered out. The men will be given physical examinations as soon as possible. Then after filling out ten necessary papers and returning their equipment the men will be mustered out of the service. The men will be allowed to keep their uniforms for four months after receiving their discharges, and may wear them during this time. At the end of the four months the uniform will be returned to the government.

Academic exercises will continue without interruption during the demobilization. The government will pay for the men's tuition, subsistence, etc., up to the date of their discharge. After that the men will pay their own tuition fees for the remainder of the term as regular students.

Men taking an insurance policy from the government may continue the same for five years. A man holding a policy for \$10,000 and paying \$6.40 a month may continue at the same rate for five years. At the end of this time the government will transfer the policy to a twenty-year accident, or endowment policy, according as the man desires. The government will act as insurance company during the transaction. Men failing to make payment for three months will forfeit their policies and not be allowed to take them up again. The reduced rates which the government demands makes the offer a very attractive one.

No information has yet been received regarding the disbanding of the Naval Unit at the Institute, but it is the general opinion that the same ruling will apply to them as to the S. A. T. C.

The Naval Unit Orchestra will give a dance at The Walker Memorial, Friday, December 6th, for the benefit of the Naval Unit. The Unit will hold a track meet today on the athletic field; and also the last football game of the season is to be played at Haverhill this afternoon against New Hampshire State College.

NAVAL UNIT MEN RECEIVE WORD OF THEIR SCHOLASTIC STANDING

The men in the Naval Unit have received the results of the work which they have accomplished so far. The marks may be considered good when one makes allowance for the difficulty under which the men have been working. There was some debate as to what should be a passing grade and at last fifty per cent. was fixed upon as the line of demarkation between the "flunks" and those who are so far successful. Quite a few men failed and what their fate will be is unknown, but they will in all probability be given one more opportunity to make good. The majority of the sailors passed with marks ranging between 50 and 70 per cent. Very few have done work which entitles them to a better grade. These marks are the average of all the work in the various departments and subjects. Studies have again, under the present conditions, become the vital work to be accomplished. For that reason these marks mean a great deal and the sailors have every cause to take them very seriously.

THANKSGIVING DINNER HELD

Very Good Dinner Served at S. A. T. C. Mess Hall

At twelve-thirty Thursday the doors of the mess hall were thrown open to the members of the S. A. T. C. for one of the best Thanksgiving dinners that they had had in a long, long while. Mr. Palmquist acted as host and saw to it that everyone had a good time and plenty to eat. A mixed crowd of S. A. T. C. men, Naval Aviators, Naval Branch men, and a few civilian students was present and totalled 200. The meal consisted of tomato soup, turkey, mashed potatoes, peas, cranberry sauce, boiled onions, raisin pie, and maple nut ice cream. Not only was plenty of bread and butter served, but large bowls of sugar made their appearance on the table.

When the dinner was about half finished Mr. Palmquist called on Mr. Boyle a member of the S. A. T. C., who at one time used to travel in the Keith's circuit in vaudeville and who later was a secret service man. After everyone had had as many "seconds" as they could possibly hold cheeks were given for Mr. Palmquist and also for the cooks and waitresses.

One of the striking features of the meal, or at least it appeared so to the members of the S. A. T. C., was the fact that there were table cloths and napkins, 'an' everything."

Mr. Palmquist managed to secure seats and passes for all those men who wished to see the movie Les Misérables at the Tremont Temple. Quite a crowd went down together and had a fine time.

TO STOP CAR SERVICE

Traffic on Harvard Bridge Suspended Until Repairs Are Made.

The Boston Elevated Railway Company has announced that, on account of the weakened condition of Harvard bridge for car traffic, service will be discontinued over the structure, beginning today until repairs are completed.

The cars of the Harvard square-Dudley street line and the Eustis street-Central square line will be diverted from their regular routes between Central square and the corner of Massachusetts avenue and Beacon street, and will be operated in both directions via Cottage Farm bridge, Commonwealth avenue and Beacon street. In order to provide car service on Massachusetts avenue between Central square and Harvard bridge, the Porter square-Beacon street line, which now terminates at Cottage Farm bridge will be diverted to a temporary crossover on Massachusetts avenue near Harvard bridge and passengers may transfer at Central square between cars of this line and trains in either direction in the Cambridge subway.

NO EXAMS REQUIRED

Mid-Year Freshmen Need No Entrance Exams

So successful was Technology's experiment of last year that the Institute will again admit a sub-freshman class in the middle of the year. Selected students from high schools, boys certified by their principals as qualified to do college work, will be allowed to enter Technology at the beginning of the new term, Dec. 30 and by continuing with their studies during the summer vacation will be able to graduate with the class which entered in October. Under the same system more than 100 men were admitted to the Institute last February. Of this number all except two or three were able to meet the rigid requirements exacted.

Secretary A. L. Merrill of Technology announces that the Institute has made provision for the admission of a sub-freshman class which will begin its work on Dec. 30 next. It will continue its courses with work so arranged that the members of the class by studying through the coming summer should be prepared to enter the sophomore class in October, 1919. Such admission will be provisional and continuance in the class will be subject to the standing of the candidate at the end of the first eleven weeks of the term.

Professor Merrill has issued a circular to the masters of high schools stating the intention of the Institute to establish this class and noting the opportunity that will be open for boys who are ready to carry forward their studies almost without intermission for so long a time.

EDUCATORS COMING HERE

Meeting of American Universities at Harvard Dec. 4 and 5—Engineering Society Conference at Technology Dec 6 and 7.

Boston is to have early next month a group of meetings educational in character and international and national in scope. These will be gatherings that take advantage of the presence in the country of the British Educational Mission, and are a joint session at Harvard University on Wednesday and Thursday, Dec. 4 and 5, of the Mission with the Association of American Universities, and at the Technology on Friday and Saturday, Dec. 6 and 7, of the Society for the Promotion of Engineering Education and the Mission.

The engineering conference will discuss three topics—the organization of engineering education in Great Britain and the United States, the effect of the war on engineering education in these two countries, and the "liberal element in engineering education." A full score of institutions have already named their delegates to the meetings, including the presidents of most of the institutes of engineering. The local committee includes Dr. A. E. Kennelly of Technology and the heads of departments at the Institute.

TECHNOLOGY SMOKER PROVES BIG SUCCESS

School Spirit Awakened. Naval Aviation Band Plays. Mr. Beaugard Leads Songs. Smokes and Eats Distributed

PRESIDENT MACLAURIN SPEAKS

Technology turned itself loose last night, when over 1500 students attended the largest smoker ever held at the Institute. Speeches were delivered by the leading members of the faculty, and music was rendered by the Naval Aviation Band stationed at Technology. Enthusiasm was at its highest flood, and the Technology spirit, which has been missing this fall was reawakened with a vengeance, so much so that at the close of the smoker a struggle ensued between members of the classes of 1921 and 1922 for the possession of a 1922 banner.

The affair opened at 6.45 with a concert by the band. This was followed by a speech from President Richard C. Maclaurin, in which he expressed his hope that now the S. A. T. C. was to be disbanded the students would immediately get back to normal conditions. He also stated that he thought the experience of the S. A. T. C. would do the men a great amount of good. He then presented the Cabot medals to the five members of last year's freshman class who had shown the greatest improvement physically since entering the Institute.

A. L. Bemis then gave out the shipyard prizes. It is noteworthy that H. F. Stose won both a Cabot Medal and a shipyard prize. The first prize in one group was won by W. C. Wilson, while Leland W. Gilliatt won a prize from each of the three shipyard groups.

Next came Dean Burton, who told the students about the activities at Tech-

CAPT. BRAINERD RELATES HIS WARFARE EXPERIENCES

Many of the new and interesting points of modern warfare were discussed at length by Capt. Brainerd, S. A. T. C. battalion adjutant, at the Fireside Forum held in the "Y" hut last Sunday evening. The technicalities of the new battle formations were explained, and the ways and means of their administration described. In discoursing upon the relative merits of the German and American soldier, Captain Brainerd pointed out that while the German is an efficient soldier, he acts as but part of a machine and lacks the ingenuity and resourcefulness that characterizes the American. Again, the German is not a good sportsman. He will, without hesitation, resort to any tricky or underhand device that will further his aims, but who he is subjected to some of his own methods, he will instantly raise a vigorous protest, and will accuse his opponents of unfairness.

Captain Brainerd described the sensations of a man going over the top. He said that contrary to the general opinion the man has been preparing for just this moment, and has come, in fact, to look forward to it. The methods of procedure in just this case have been ailly impressed upon him, and therefore the man knows just what he is to do, and without hesitation proceeds to do it.

In this venture the man must necessarily encounter one of the less attractive sides of warfare in that he is brought into close contact with dead, dying, and wounded men, and the horrible possibilities that may be in store for him are more clearly brought home. After

(Continued on page 4)

DORMS TO BE OPENED

Applications Now Accepted At Bursar's Office

Applications are now being received at Bursar Ford's office for rooms in the dormitories. They can be made for single or double rooms, and will be considered in the order in which they are received. The dormitories will be opened a section at a time, as the aviators go away, and the first section will probably be ready by the beginning of next term. The last section will in all probability be ready by the end of January.

Walker Memorial will not be opened until March. It has been subjected to about twice as much pressure, during the last year and a half, as it was built for, and as it was never entirely finished, there will be enough work to keep the painters and plasterers busy for another two or three months. The dining hall service will be discontinued on the 21st of December, and possibly before. The S. A. T. C. mess hall will be open for use after that until the Walker Memorial halls are re-opened.



PRES. R. C. MACLAURIN

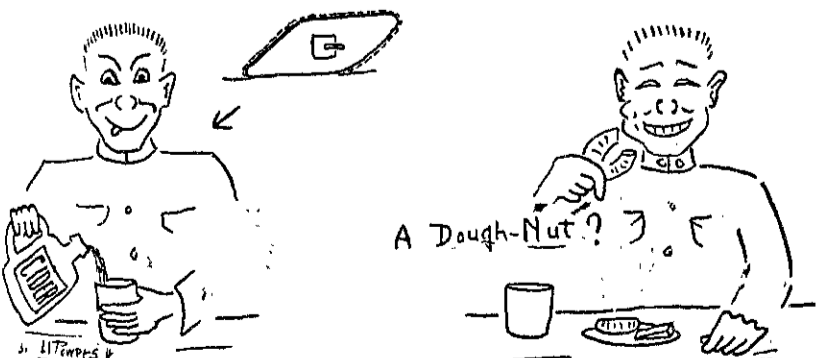
nology, and urged all men to take an active part in the Institute life beside their studies, but not to neglect the latter. He was followed by Coach Kanaly, who outlined the athletics at Technology and assured all men who wished to try for any of the teams that their work would be carefully watched, and every interest taken to develop any ability a man might show.

Kenneth Akers, of last year's Tech Show, then sang a parody on "Life is Full of Ups and Downs." The words for this song were written by Scott

(Continued on page 4)



Ashes to ashes, and dust to dust
If the smok'in don't get you the
sing'in mus'ic.



A Dough-Nut?

The Tech

Established 1881

Published twice a week throughout the year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Entered as second-class matter, September 16, 1911, at the Post Office at Boston, Mass., under the act of Congress of March 3, 1879. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on July 19, 1918.

MANAGING BOARD

Paul C. Leonard '17 Chairman of the Board
Homer V. Howes '20 General Manager
Maxwell K. Burkett '21 Circulation Manager
Raymond A. St. Laurent '21 Advertising Manager

News Department—Night Editors: C. W. Harris Oct '20, E. A. Ash Oct '20; Military Editor: E. R. Haigh '21; Photographic Editor: P. E. Guekes '21; Personals Editor: R. P. Warriner '20; News Staff: F. W. Adams '21, E. M. May Oct. '20, H. C. Gayley Oct. '20, H. D. Folinsbee Oct. '20. Editorial Board: E. L. Etherington '20.

Subscription \$1.50 for 53 issues, in advance. Single copies three 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.

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 OF THIS ISSUE

Edward A. Ash Oct. '20 Night Editor

SATURDAY, NOV. 30, 1918.

WE'RE OFF.

WEDNESDAY'S news that the S. A. T. C. is to break up came like a thunderbolt out of a clear sky, at a time when everyone was resigning himself to the idea that the unit would hold together indefinitely. The first idea that entered everyone's head was what he would do when he rated liberty. The second idea that we want to put into his head is that in a few days he will be no longer a member of the S. A. T. C. but a Technology man. It will be up to him as a Technology man to get the college spirit as quickly as possible.

There has been no college spirit or college life here this fall at all. Now, however, it is high time for the men who have served on activities in the past to start them up again. Everything will be with us this year. Applications for rooms in the dormitories are being received, and the last flight of naval aviators have only eight more weeks to stay in the Walker Memorial. When they leave we will have one of the finest homes for student activities of any college in the world. This year we are going to make the life and spirit at the Institute a real college spirit. This means that it is up to the men who have served on activities in the past to start them going again and break in the new men. If things are carried through with 'pep' this year there is no reason why THE TECH, the show, the musical clubs, the track team and the other activities should not be more successful than ever before. The point is to get started now.

Of the two organizations at the Institute, the Navy, by far have shown the most spirit. Their football team and their jazz band are examples of what they are doing. Although there are only about three hundred navy men at the Institute they have accomplished far more than the whole remaining student body, and they deserve great credit.

We notice that the mileage of the macaroni has been increased considerably.

Generally the whole meal at the mess hall could be consumed through a soda straw. Why not serve the whole meal in a soup plate?

MEN REPORTED AT PARIS BUREAU FROM OCT. 30 TO NOV. 6

The following visitors have been reported at the Paris Bureau from October 30 to November 6:

October 30, 1918.
Francis E. Thomas, '17.
October 31, 1918.
Warren K. Lewis, '05.
November 1, 1918.
Wm. Firth Wells, '10; Elton Walker, '90; Sidney S. Batchelder, '17; Douglas R. Buchanan, '16; J. Clyde Whetzel, '17; Walter F. O'Brien, '12; Herbert J. Goldsmith, '18.
November 2, 1918.
Freeman Clarkson, '16; Stanley C. Davis, '13.

Dumaine '17; Ralph L. Thomas, '13; Dugald C. Jackson, '19; J. C. Parker, '18; H. R. Haigh, '18; Douglas H. McMurtrie, '15; R. B. Hayes, '13; Paul H. Buxton, '16.
November 3, 1918.
John H. Babbitt, '17; Edmund L. Hoeman, '12; Wm. Carlton Short, '14; C. E. Atkinson, '17; A. M. Gowing, '15.
November 4, 1918.
Frederick B. Barns, '15; James D. C. Hyde, '16.
November 5, 1918.
Enos W. Curtin, '17; Dudley Clapp, '10.
November 6, 1918.
Irving G. Hall, Jr., '18; Tenney L. Davis, '13.

Star Technology Chinese Soccer Team



Back row (left to right)—Y. L. Yih, K. P. Hu, A. T. Kung, C. Y. Huang, H. Hu ang, K. F. Mok (manager), Dr. L. S. Woo, S. S. Chen
Front row—K. C. Li, K. K. Chun, T. K. Lin, S. S. Kwan (captain), T. F. Wei, T. K. Liang, L. G. Moy-Ding.

We at Technology have to take off our hats to the Chinese students; they have again emerged victorious from a hard struggle with the best aggregation of American soccer players around Boston, having beaten them 2-1. The game was well played as the score shows. Lin and Kwan starred for the Chinese. Technology took the offensive early and

shots rained in on their opponents' goal keeper, who was lucky to escape with only one score against him. Miller of the Rovers took the ball well down the field, but as he was about to shoot he fell. At the start of the second half the Rovers made desperate attempts to score, but Wai saved the day for the Institute team by making several spectacular stops. Soon the ball was rushed to the Rovers territory and Lin made

Courtesy of Boston Transcript

the second score of the game. The Rovers now made a rather exciting dash for the Chinese goal and succeeded in scoring. Later Kwan made the winning score for Technology almost as the whistle blew. The lineup was as follows: T. F. Wei, goal; Y. L. Yeh, lb.; C. Y. Huang, rfb; K. Chun, rh; H. Huang, ch; L. Chen, lb; T. K. Liang, let; T. Lee, lf; TK, cf; K. C. Li, if; S. S. Kwan, rf. Goals: Lin and Kwan.

PERSONALS

Lieutenant Eugene Dorr Morse of the air service, U. S. A., a resident of Brookline, was killed Nov. 6 in an airplane accident. Only this forenoon a letter was received from the young man by his sister, Miss Helen Dorr Morse of 12 Mountfort street, Brookline, bearing the date of Nov. 4, two days before he met his death.

Lieutenant Morse was born in Brookline Dec. 7, 1895. He was the son of the late Fitz Albert, and Helen Dorr Morse.



LIEUT. E. D. MORSE

the father in his earlier days having been a Boston merchant. His mother was a member of the Cotting family of Longwood. The young man attended the Country Day School in Newton, and entered Harvard in the class of '19, but left in his sophomore year to engage in the war. He studied aviation at Technology and subsequently trained at several aviation fields. He went overseas last August, and was an instructor at Clermont Ferrand, where his death occurred.

Besides his sister, Lieutenant Morse is survived by three brothers, Robert C. Morse of Milton, Albert C. Morse of Brookline, and Philip C. Morse of Plainfield, N. J.

Announcement of the promotion of Lieut. John A. Herlihy '11, to a captaincy reached relatives today. He was commissioned a first lieutenant in the airplane service in August, 1917.

and went overseas in command of the 803d Aero Squadron.

During the last days of the war he was in charge of the transportation department at an airplane production center in France. He is a graduate of the Classical High School and of Technology.

Lieut. Arthur Raymond Knight of Newburyport, an aviator who has been flying with a French corps and who has been awarded the Croix de Guerre, has returned to this country. He is a son of Mr. and Mrs. David G. Knight of Bromfield street, Newburyport. Lieut. Knight is 23 years old. He has been in France for about a year. For a time he was with the Lafayette Escadrille. He was graduated from Tufts College in 1917, and from the School of Military Aeronautics, Technology. When he went overseas he first flew with the American Air Corps and then was transferred to the French service in bombing and other work.

Malcolm Bruce Brownlee, Jr. '10, a private of the Machine Gun Battalion, of the 313th Infantry, U. S. A., died on Oct. 26, in France, from disease, his parents, Malcolm B. and Belle F. Brownlee of 6 Fuller street, Brookline, have been advised. He was born on March 7, 1889, in Butte, Mont., and came East with his parents when young. He fitted at the Middlesex School in Concord for higher studies and then went to Technology. He did not remain to finish his course, however, but instead went to Hartford, Conn., to enter business life, and from there later went to Baltimore, Md., as manager of the Seaboard Electric Supply Company. His war service began the last part of April, this year, when he went to Camp Meade in Maryland, where he received his preliminary training as a soldier. He then was sent to France, where he arrived on July 15, since which time he had been in action. While at Technology he was a member of the "No. Six Club" and in Baltimore belonged to the Athletic Club of that city. Private Brownlee is survived by his parents, a brother, Lieutenant James F. Brownlee, who is in service in France in the Ordnance Department, and by two sisters, Miss Edith Brownlee and Miss Corona Brownlee, of Brookline.

Lieutenant Alton H. Kimball, aged 22, of this city, was killed in an airplane accident overseas on Nov. 12, according to news made public by his parents today.

He was graduated from Harvard in 1917, and immediately entered Technology for training as an aviator.

Headquarters M. I. T. War Service Auxiliary

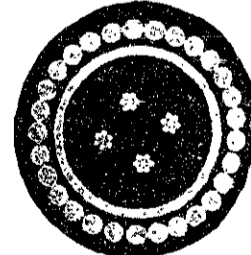
491 Boylston St., Boston
Information Bureau open daily. M. I. T. workroom will be open: Mondays: 11-4.30, Wednesday, Thursdays: 9.30-4.30, Fridays: 9.30-1. Everyone interested in Technology welcome, as visitor or worker.

Technology Bureau

University Union

8 Rue De Richelieu, Paris
London Branch, London


SIMPLEX WIRES AND CABLES



INSULATED WITH RUBBER CAMBRIC OR PAPER

SIMPLEX WIRE & CABLE CO.

MANUFACTURERS
201 DEVONSHIRE ST. BOSTON
CHICAGO SAN FRANCISCO



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

Jordan Marsh Company Established 1851

From Khaki to Mufti

We are prepared to outfit the young men who are going back to civilian togs before many days have elapsed

EVERYTHING A FELLOW NEEDS FROM HAT TO SHOES

Is right here in our convenient Street Floor Section for Men. Special thought has been given to the individual tastes of the younger set.

Newest styles and materials; a ready-to-wear service that meets the hardest fitting problems; a range of prices that will interest you.

Jordan Marsh Company

Exclusive Agents for Society Brand Clothes

IRON STEEL METALS

Arthur C. Harvey Co.

374-394 Congress Street BOSTON, MASS.
TELEPHONE, MAIN 7000

TOOL STEEL	SHEET IRON	BOILER TUBES
PLATE STEEL	CONCRETE RODS	METAL LATH
SOLDER	COPPER	ZINC

We Are Equipped to Cut to Length Anything Carried in Stock

Two Banking Offices in the Back Bay

Massachusetts Ave., Corner Boylston St.
Copley Square, 579 Boylston St.


STATE STREET TRUST COMPANY

Main Office, 33 State St.

WALTON LUNCH CO.

Nearest Luncheon Room
At 78 MASSACHSETTS AVE.

The new heavy weight Winter Overcoats are made from the finest foreign and domestic fabrics, carefully selected and splendidly tailored.




Shuman Co.
Boston
Shuman Corner

THE SERVICE STORE

Order your new Rayntite Top-now

Have its guaranteed protection against rain, snow and hail for the winter motoring season, if possible. At least make sure you will have it for next spring and summer. The top maker is a mighty busy man. He will be unable to fill all the orders offered him.

With new cars impossible to obtain, the millions of used cars must remain in service. So many of these require new tops to make them sightly and serviceable that only those ordered at once can be supplied. Prompt action enables the top maker to plan for labor and materials that will be difficult to obtain later—it insures getting the top material you should have.



REG. U. S. PAT. OFF.

RAYNTITE

In selecting a top material consider the reputation of the manufacturer and his guarantee. Rayntite Fabrikoid is a DuPont product. It is the only top and curtain material specifically guaranteed for one year, during which time we warrant it not to leak, crack or peel. Made in single and double texture and built to last the life of the car, it retains its shapely, smart attractiveness longer than any similar material.


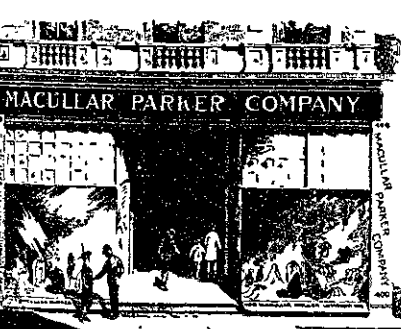
When cushions need recovering, specify Motor Fabrikoid. It is an economical and beautiful material with wonderful service qualities. Any good auto trimmer can furnish Motor Fabrikoid and do the work.

Orders placed now save money and disappointment later.
Samples of Rayntite and Motor Fabrikoid sent on request.

Du Pont Fabrikoid Company
Wilmington, Delaware New Toronto, Canada

THE DU PONT AMERICAN INDUSTRIES ARE:

- E. I. du Pont de Nemours & Co., Wilmington, Delaware, Explosives.
- Du Pont Chemical Works, New York, Pyroxylin and Coal Tar Chemicals.
- Du Pont Fabrikoid Co., Wilmington, Delaware, Leather Substitutes.
- The Arlington Works, 725 Broadway, New York, Ivory PY-RA-LIN and Cleanable Collars.
- Harrison Works, Philadelphia, Pa., Paints, Pigments, Acids and Chemicals.
- Du Pont Dye Works, Wilmington, Del. Coal Tar Dyestuffs.

MACULLAR PARKER COMPANY

400 Washington Street BOSTON

MAKERS AND RETAILERS OF

Best Clothing

READY TO WEAR AND TO ORDER

Fine Haberdashery
Stetson Hats

Made To Order
Officers' Uniforms

For all branches of the service—Army and Navy
Correct Insignia and Accessories

MACULLAR PARKER COMPANY
400 Washing on Street, Boston
Branch at Ayer


MASSACHUSETTS INSTITUTE OF TECHNOLOGY

CAMBRIDGE, MASS.

Competition of wits will be keener than ever in the new era that is opening and in many fields of endeavor young men and women will be most seriously handicapped unless they have been well trained in the application of science to practical affairs. What Thomas A. Edison wrote a few years ago is especially true now: "We have not enough men whose training has been such as to enable them to cope with the actual conditions of life. I like the Massachusetts Institut of Technology because it is doing that and meeting the needs of America." That no time may be lost in meeting the new needs, the Masachusetts Institute of Technology will admit a new class at the opening of the next term, December 30, 1918, instead of waiting until the fall of next year. As an emergency measure the entrance requirements will be modified and for a limited number of students admission to the higher classes by certificate from colleges. Courses are offered in Civil, Mechanical and Electrical Engineering; Naval Architecture and Marine Engineering; Mining Engineering and Metallurgy; Architecture and Architectural Engineering; Industrial Physies; Chemistry, Chemical and Electrochemical Engineering; Biology and Public Health; Sanitary Engineering; Geological Engineering; and Engineering Administration. For further information apply to

PROFESSOR A. L. MERRILL, Secretary of the Faculty.

CORDAGE and TWINE



Samson Cordage Works
BOSTON, MASS.

Telephone Cambridge 6800

FRANK COHEN
MILITARY TAILOR

Massachusetts Institute of Technology
Army Aviation School
Room 1-011

Officers' Uniforms a Specialty Reasonable Prices Best Quality Goods


FOR SALE

TWO SODA FOUNTAINS

In good condition
At Reduced Price

Apply to
H. S. FORD
Room 4-104
M. I. T., Cambridge

A
Mellin's Food
Girl



*Margaret J. Ellen,
Youngstown, Ohio.*

If your baby is not doing as well as you hoped he would, use the Mellin's Food Method of Milk Modification. It has raised thousands of the brightest and healthiest babies in the world.

Write for a Free Trial Bottle of Mellin's Food and our helpful book, "The Care and Feeding of Infants."

Mellin's Food Company
Boston, Mass.

PROF. TALBOT ON "CHEMISTRY BEHIND THE FRONT"

Need of Chemicals for War Industries Emphasized

An article by Professor Talbot, head of the Department of Chemistry, on "Chemistry Behind the Front," has appeared in the November issue of the Atlantic Monthly. This article is a sequel to "Chemistry at the Front," which appeared in an earlier issue of the same magazine. In this article, Professor Talbot discusses the need for some of the substances necessary in munitions and other important work, and how the chemists and chemical engineers have met these needs. He describes the various processes by which these necessary articles are made, and the chief sources of their supply.

The article discusses the nitric acid and ammonia supplies, the processes by which nitrogen is obtained, and the scarcity of fertilizers and dye-stuffs at the beginning of the war.

The problems which confront us are almost without number, and of widely varied types. Of them all there are none more vital to the nation than those which have to do with our available supplies of certain soluble nitrogen compounds, and of potash salts for agricultural needs.

Of the numerous crises which confronted our industries at the beginning of this war, none received greater emphasis than that of the dye-stuff shortage, which threatened to paralyze many of our textile industries.

Today standard dye-stuffs of first quality are being produced in quantities which not only are sufficient to meet a normal demand.

CONSERVATION SECTION CREATED

Secretary of the Treasury McAdoo announced that there has been created the Conservation Section of the Division of Military and Naval Insurance of the Bureau of War Risk Insurance.

The duty of this section is to advise soldiers and sailors carrying government insurance of their rights and privileges with respect to continuing their insurance force after their discharge from the army and navy and to promote the widest possible dissemination of information for this purpose.

Mr. Winslow Russell, a prominent life insurance executive who has been director of the War Service Exchange in the Personnel Section of the War Department, since the war began, has been placed in charge of the Conservation Section as Assistant Director of the Bureau of War Risk Insurance.

War Service Auxiliary

491 Boylston St., Boston

The only way of getting things across to the University Union is through the courtesy of men going over. We urgently ask that those who can take anything from a pair of socks to a trunk over with them to get in touch with us.

TECHNOLOGY SMOKER

(Continued from page 1)

Wells of Company B especially for the smoker, and they will be published in next Wednesday's TECH, lack of space preventing their reproduction in the present issue. After Aker's song, which was one of the many hits of the evening, came Henry Dooley, and Freddie Britton, in "Oh Boy" and "Quaint Little Quaker Miss."

Mr. Henri P. Beaugard, fleet song leader of the North Atlantic Squadron, from the U. S. S. Pennsylvania, then led the crowd in singing starting with the "Star Spangled Banner," and ending with the "Stein Song." Mr. Beaugard "pepped" up the Technology students as they have never been "pepped" up before, and their singing was the best ever heard at Technology. Mr. Beaugard said that the "Star Spangled Banner" was sung the best he had ever heard it.

After the singing, doughnuts, cider, cheese, and ice cream were served to the enthusiastic crowd.

Cheering was led by H. A. Herzog, Scott Wells, and E. O'Hearn.

Lieutenant Knight is twenty-three years of age, has been in Europe about a year and for a time was connected with the Lafayette Escadrille. He is a graduate of Tufts, class of '17, and took a course in aeronautics at Technology. He went overseas with a group of boys from the same school, who also were going into the aero service. Lieutenant Knight also has won the Croix de Guerre from the French Government, as have Lieutenants Fairchild and Conover.

To Get FULL Value
Wear Custom-Made Shirts

From Imported Scotch Madras in patterns you personally select.

\$4.50

We cut each garment to your exact measure and guarantee a perfect fit.

Men's Store—Separate Entrance—Summer Street

C F. Hovey Company

Summer, Chauncy and Avon Streets

NEW ENGLAND STRUCTURAL CO.
INDUSTRIAL ENGINEERS

and

SPECIALISTS IN STEEL CONSTRUCTION

Complete Contracts for Power Plants, Factories, and all Industrial Enterprises

Works:
EVERETT, MASS.

Sales and Engineering Office:
110 STATE ST., BOSTON, MASS.

CAPT. BRAINARD'S STORY

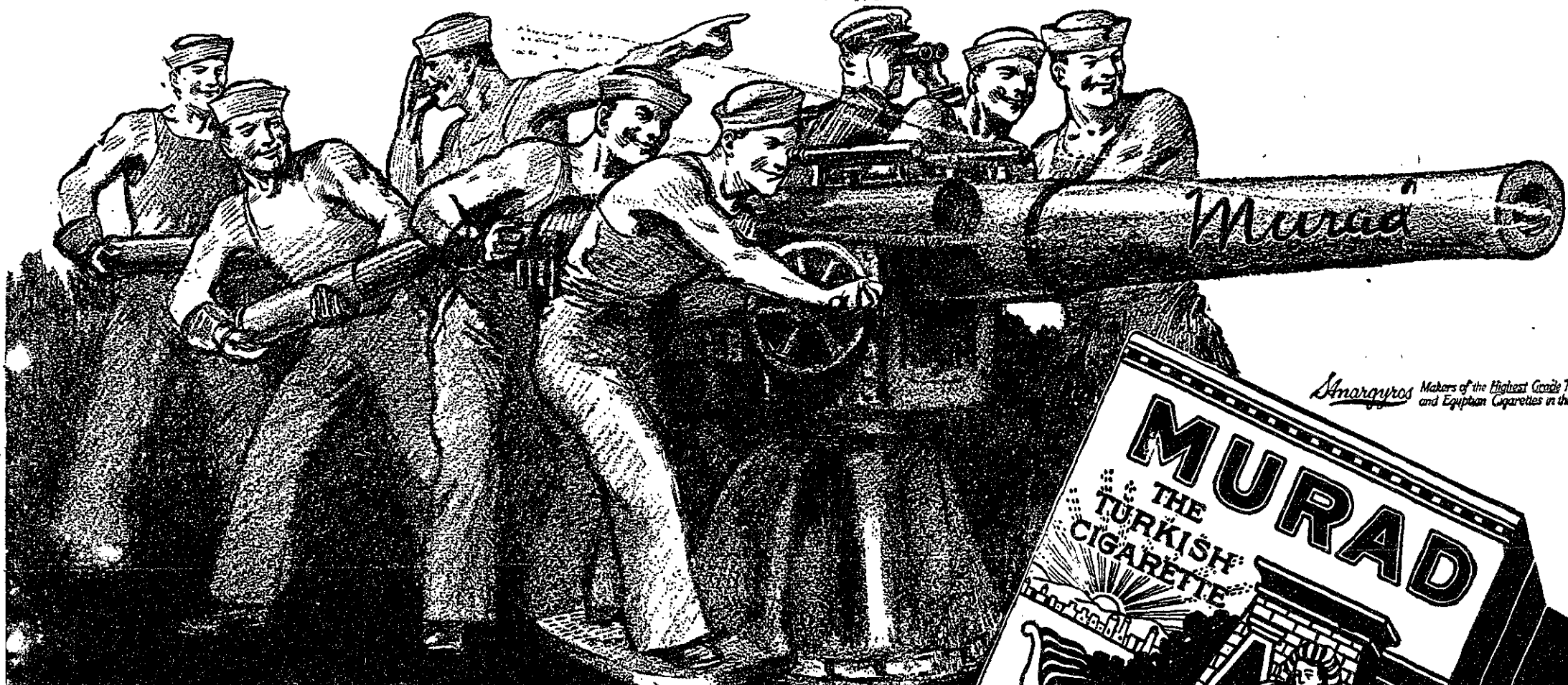
(Continued from page 1)

A short time the man becomes hardened to this unpleasant side and comes in time, to take it as part of the game. The Captain said that never was he so happy in his life as when he was in actual conflict. With a few more remarks the talk came to an end, and the

Captain was applauded vigorously. The meeting was then thrown open, and questions were asked and answered. Mr. Palmquist states that he thinks the "Forum" idea has taken well, and opens the way for many future possibilities. Another meeting is announced for next Sunday evening at 6.30. Mr. T. Chen of China will speak on the general social and economic aspects of China. All Technology men are invited.

M. I. T. WAR SERVICE AUXILIARY STATISTICS, NOV. 23RD.

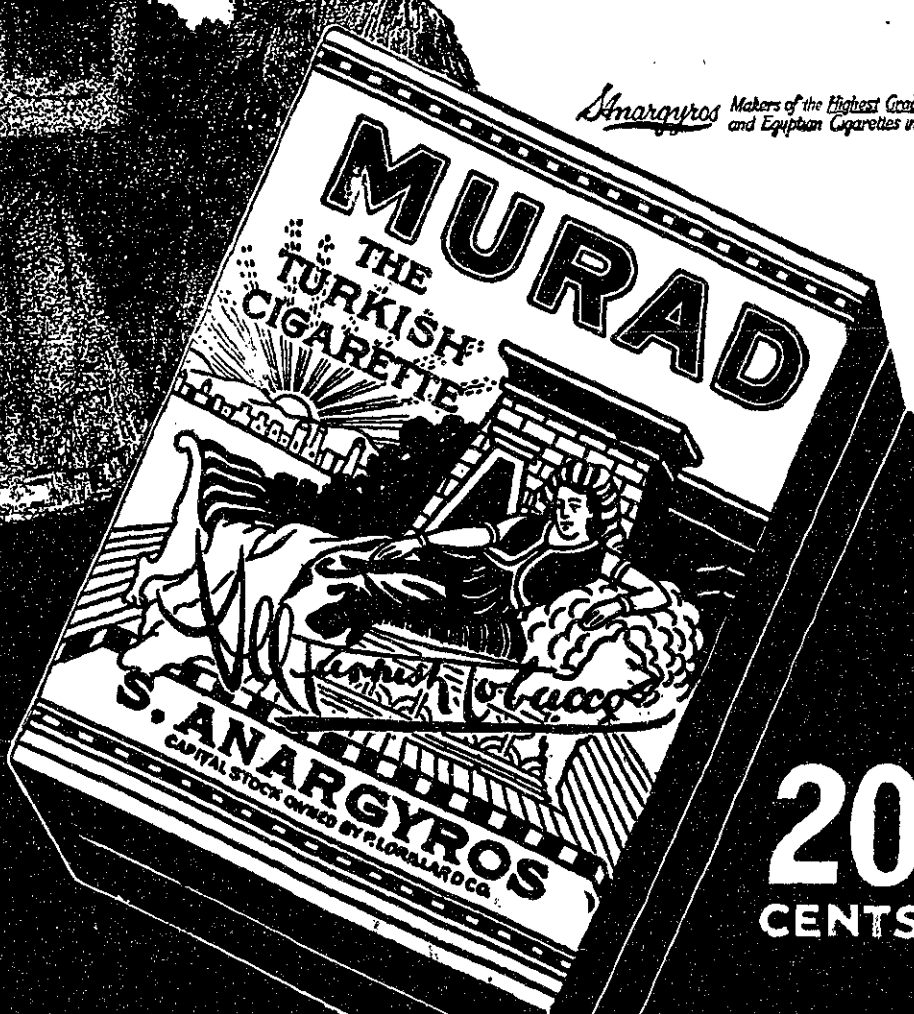
Men in Service, 2612; American Exp. Forces, 898; Foreign Service, 73; Aviation, 449; Navy, 517; Officers, 1694; O. T. C., 170; Insp. or Instr., 123; Amb., Red Cross, etc (A. E. F.), 62; Lt.-Col. or higher, 40; Cited, 24; Deaths, 65.



The One Big Gun!

MURAD

THE TURKISH CIGARETTE



20 CENTS