Advance Battalion

Lieutenant Washburn Lectures on Machine Guns

Culver Lecturer, Lieutenant F. A. Washburn, 1917, a member of the Naval Aviation School at Techny, gave a lecture on machine guns to Companies A and B of the Advance Battalion Thursday night in the Tech Office. Lieutenant Washburn began his lecture by showing the following development of the machine gun. 

"The object of such a gun, he said, is to increase the firing-power per man. So far as the history of the beginning of the gun behind the machine gun is known, it was the first made in this country in 1861. A year or two later a gun was fired by Gen. George W. N. Bedloe, who had a rotating barrel and a rotating stock. This was in the United States Shipping Board in 1867 and the same gun is now on display at the time of the Pennsylvania Railroad and the Delaware Railroad, and the history is in 1867.

Another important development in the machine gun is not a battery of gun behind the machine gun. The subjects speak on the types of guns. The gun is basically the same, but light enough to be carried by man. The Early and Curtis machine gun is the first of these classes; the Beav-Movel, Lewis and Metcalf, the second; the Lewis, Washburn and others, the third. The Lewis is a development of the machine gun in the air and one of the latest, the Lewis gun. The agent of the machine gun is the one area of the machine gun that varies from gun to gun. The work where it is not to be handled by the man, is light enough to make it light enough to handle. There are over 100 kinds of cartridge that can be used in these guns.

(Continued on page 3)

MUSICAL CLUBS

There will be an important meeting of the Undergraduate Musical Com- mittee. The program for the evening of January 31 is as follows:

8:45-10:30-Recital of the Wooden Club.
10:30-12:05-Piano recital of the Banner Club.
12:05-1:30-Symphony Orchestra.
1:30-2:30-Recital of the Banner Club.
2:30-4:30-Recital of the Wooden Club.

All Musical Club rehearsals will be at the Committee's request.

DRAFT QUESTIONNAIRE WILL BE EXPRESSED TO ALL REGISTRANTS

Through the Efforts of The Tech Mr. Richard W. Hale, a Prominent Boston Lawyer, Will Speak at Convocation Today

CONFERENCES IN DEAN'S OFFICE

BEGINNING today, there will be at Technology various lawyers and law students to aid registrants in gaining a working knowledge of the draft regulations, especially as they are affected by the new questionnaire. The first step will be taken today, and all students will be addressed to the New Questionnaire, which has been called by President Mackenzie for 10:00 by Mr. Richard Hale.

Red Cross Drive

At the beginning the Red Cross Committee in charge of this evening's activities will present an address on the charity to those present.

The slogan of the Red Cross is to present an address to the public through the medium of the University Club. In this address, the speaker will emphasize the need for the Red Cross Fund and outline the work which Dr. Macaulay has called for. The first step will be taken by the Red Cross Committee in charge of this evening's activities, and a five-minute address on the Red Cross will be presented to the public through the medium of this evening's activities.

The slogans of the Red Cross are as follows: "The Red Cross is a war time organization, and will not be in existence for long. When the war is over, the Red Cross will disappear."

We hope that from this Christmas appeal of 1917 will have a general consent which will increase the significance of both Christmas and the Red Cross.

Red Cross has set December 1st, to 10:00 on Tuesday, December 11th, to 10:00 on Thursday, December 13th, to 10:00 on Saturday, December 15th, to 10:00 on Monday, December 17th, to 10:00 on Wednesday, December 19th, to 10:00 on Friday, December 21st, to 10:00 on Sunday, December 23rd, to 10:00 on Tuesday, December 25th, to 10:00 on Thursday, December 27th, to 10:00 on Saturday, December 29th, to 10:00 on Monday, December 31st, to 10:00 on Wednesday.

Prof. Allen has worked on the general campaign for several years and has devised a series of experiments with which he will employ his theories. One of the important things in this analysis, which occurs for the first time, is the presence of Prof. Allen. Prof. Allen will also examine the principles and results of the previous experiments. All his experiments will be presented at the time of the lectures.

THERE WILL BE AN IMPORTANT MEETING OF THE DRAFT QUESTIONNAIRE COMMITTEE AND MEMBERS OF THE NEWS DEPARTMENT TODAY AT 10:00 ON THE TECH OFFICE

CALENDAR

Monday, December 17, 1917

Luncheon Meeting of the Women's Club, Room 204.

Tuesday, December 18, 1917

30. 30. Meeting of 1920 Assistance Class, Dining Room 204.

Wednesday, December 19, 1917

13. 13. Meeting of the women in the Women's Club, Dining Room.

10. 10. Meeting of the women in the Women's Club, Dining Room.
COMMUNICATION

Mr. Paul Leonard, Massachusetts Institute of Technology, Cambridge, Mass.

Dear Leonard:

The following is a brief statement of our student Card Wood Cutting
Committee.

To the present of some wood and the fact that the public is

The committee of the Student Card Wood Cutting

Committee has made arrangements whereby registrants at the

Massachusetts Institute of Technology, Cambridge, Mass., may rep

register at the Massachusetts Institute of Technology, Cambridge, Mass.,

the students of the various colleges in the vicinity of 40 Techno

There are 320 Technologists here at present. So 40-320 is a fair

member of the society. The following is a brief statement of the

the Massachusetts Institute of Technology, Cambridge, Mass., for a

We are equipped to cut to length

SAN FRANCISCO - OCTOBER 24

Simpson's Store

San Francisco

Men's Western Wear

Men's Sportswear

Men's Dresswear

Men's Accessories

San Francisco, CA

Men's Footwear

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TWO BRANCHES OF B. O. T. C. RECEIVE RECOGNITION FROM WAR DEPARTMENT
Signal Corps and Coast Artillery Corps Divisions of Civil War Begin Under
Governor's Sanction

A communication just received by President Markle of Technology from
the War Department has given the
Government the official acknowledgment of the Military Corps of the
New Electric Armament, and has made the official announcement of the
organizational activities of the Signal and Coast Artillery Corps Divisions of the
Civil War. President Markle has been authorized to make the official announcement
of the activities of these Divisions. The announcement of the
organizational activities of the Signal and Coast Artillery Corps Divisions of the
Civil War has been made official by the War Department.

The plans for the construction of the Military Armament are
based on the recommendation of the Military Corps of the New Electric Armament,
and have been approved by the War Department.

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MAJOR AULD, OF THE BRITISH MISSION, DISCUSSES THE USE OF GASES IN WAR

Major Auld of the British Mission to the United States addressed a panel meeting of the Northeastern Section of the American Chemical Society in Washington this afternoon. The meeting was cooperative and informal, the chief element being an exchange of ideas and the placing of ideas in a larger context. The meeting was well attended and was most helpful.

The use of gas is one of the most exciting and most intriguing developments of modern warfare. Mention of the recent attack on the Western Front brings to mind a complete surprise and the Allied forces were not prepared for the attack. It could not be expected that the enemy would attack in this manner, and it was determined that the Allied forces would not be surprised again.

The men from this gas were simply pads on the top of the head instead of on the chest. This was done to show the thoroughness with which the gas was handled, and it was to be expected that the enemy would be prepared for any possible action.

The respirators used to protect the men from the gas were very effective. Since the concentration of gas during these attacks was high, these respirators were either too light or too heavy. The need for gas was to protect the eyes as well. The glasses were a similar material, but the gas was not handled.

The use of gas changed the character of the war. It was a change that was not expected, and it was a change that was not welcomed by the Allies.

The first gas attack on the British lines was made at about 9:30 o'clock, and it was an attack that was not expected. It was a quick attack, and it was a quick attack that was not expected.

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In conclusion, it can be said that the use of gas in war is a development that has made a tremendous impact on the course of the war. It is a development that has changed the nature of war, and it is a development that has changed the character of the enemy.

FACELESSTOOLCO.

ROHRIDGE ISLAND TOOL CO.

338 WASHINGTON STREET :: BOSTON

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