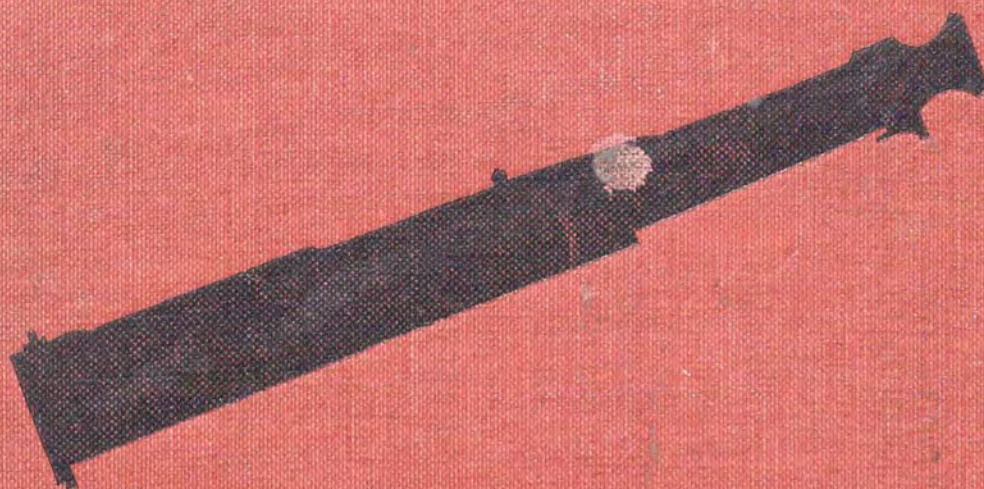


THE BIG GUN



ABERDEEN PROVING GROUND
MARYLAND

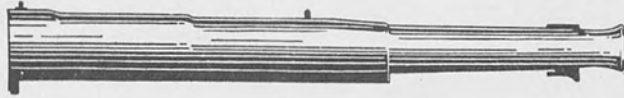
RAINE PRINTING AND PUBLISHING CO.
RAINE BUILDING
BALTIMORE

THE BIG GUN

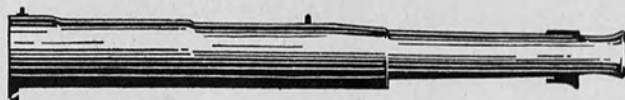


Ordnance Department, U. S. A.
Aberdeen Proving Ground
Maryland
1918

COPYRIGHT, 1919



FROM colonel to private they served. They have done their part, done it willingly and done it well. No golden chevrons are theirs, no medals of honor do they wear; but their service has been as necessary as that of the heroes of many battles. Credit for their achievements may be withheld; public recognition they may never receive. But to these silent heroes who served in their homeland and received the reward of a clear conscience this volume is respectfully dedicated.



Colonel William A. Phillips
COMMANDING OFFICER



WILLIAM A. PHILLIPS

Colonel, Ordnance Department, U. S. A.

Commanding Officer Aberdeen Proving Ground 1918-1919.

William Allen Phillips was born at Marshall, Texas on April 16, 1866. The deaths of both his parents during the early seventies left him in the care of his grandfather. As he was thrown upon his own resources at fifteen by the death of the latter, he had to work his way through college to the completion of his junior year at the Southwestern Baptist University.

In the fall of 1885, he was appointed to West Point from Tennessee. This entrance into the Army came about by the merest chance. While traveling he met a classmate from whom he learned of a competitive examination for West Point, to be held at Henderson, Tenn., next day. Twenty minutes later he was traveling in the opposite direction to his formerly intended journey, having secured tickets and caught the last train that would take him to Henderson in time. Ten days later he was a cadet at West Point.

Graduating from the U. S. M. A., the 36th in rank in the class of '89, he was commissioned as a second lieutenant in the 22nd Infantry, and stationed at Fort Keogh, Montana. Later he spent nine months in the field watching the Cheyenne Indians while attached to the 8th Cavalry. In the Sioux campaign of 1890-91 he served with Casey's Indian scouts and the 1st Cavalry in the Dakotas.

During the period 1892-96, Lieut. Phillips was military instructor at Knox College, Illinois. Here his engineering abilities were very useful. He was associate professor of chemistry and did other instructional work. He organized a mechanical engineering department. Also he pursued studies himself and was awarded the degree of M. S. in 1897. Soon after his graduation in 1889 he had secured a patent, his first, on a vehicle speed indicator which forms the basis of most of the automobile speed indicators now in use. While at Knox College, he developed the coaster brake for bicycles so universally in use at the present time. All the basic claims on the device were awarded to Lieutenant Phillips in the early nineties. A system of block signalling on railways was another of his inventions. In 1896, near the end of his four years' tour at College, he married Miss Fay Heaton. Seven months leave in 1896-97 were spent in traveling in France and England.

Returning to the United States, Phillips, now 1st Lieutenant, joined the 2nd Infantry at Fort Yates in North Dakota. With this regiment he went through the Santiago campaign in Cuba in 1898. He was promoted to Captain of Company B, 10th Infantry in July, 1899, serving at Cienfuegos, Paso Caballo, and later at Matanzas. Being then detailed to General Wilson's Staff, Captain Phillips performed duty as Inspector of Schools and Prisons and as Chief Engineer of the Department of Matanzas and Santa Clara. He rejoined his regiment at Santiago, just in time to sail for the Philippines early in 1900. He participated in the last part of the Philippine campaign and then, by appointment of Gov. Taft, served as Civil Governor of Paragua Province. Captain Phillips learned to speak Spanish fluently during his Cuba and

Philippine experiences, and made good use of the knowledge in governing his province, the official language of which was Spanish. He returned to the United States with his regiment in September, 1903.

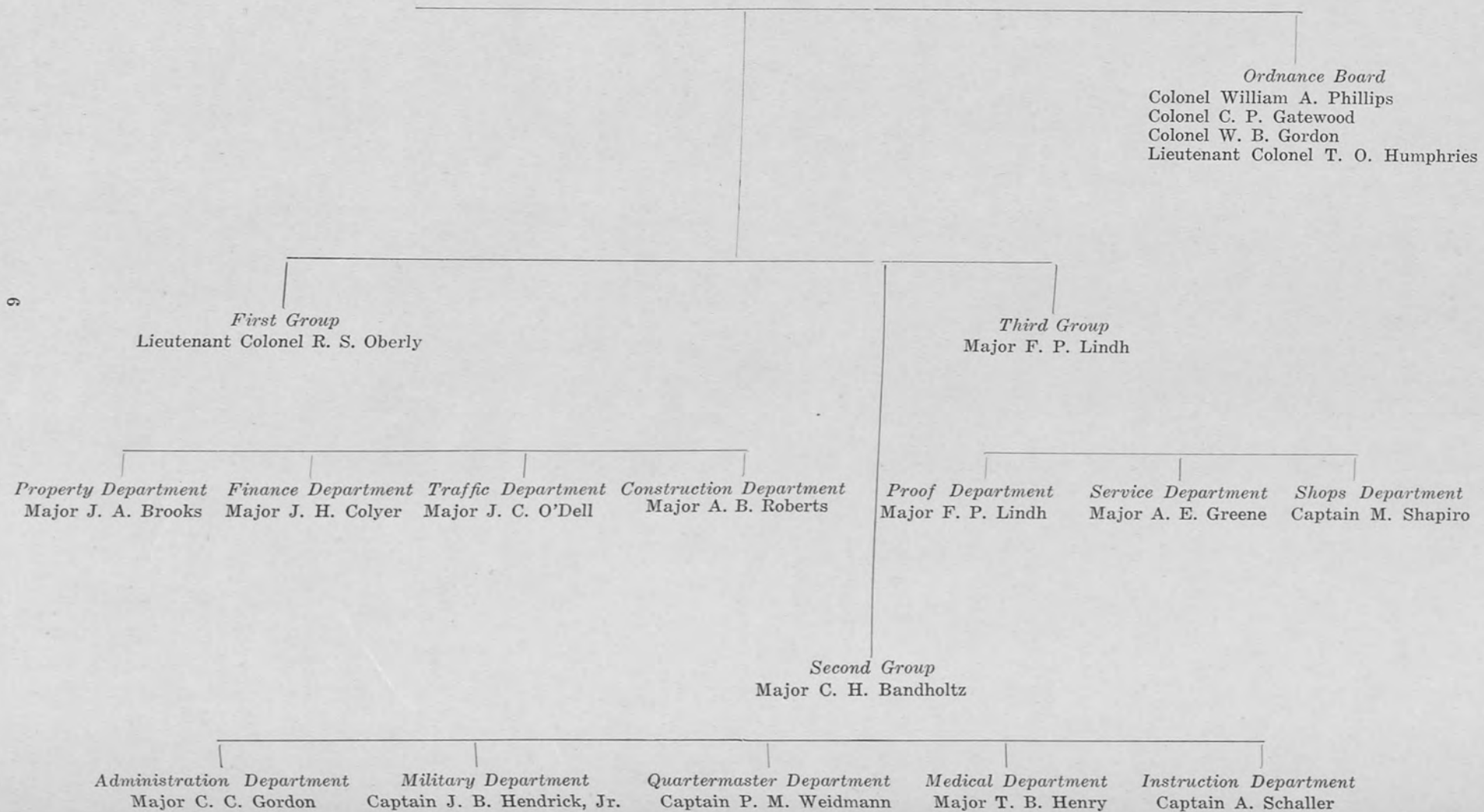
In 1905 an essay he wrote on the use of gasoline propelled vehicles for war purpose gained wide attention in Army circles. As a result of this, he was asked to take an examination for the Ordnance Department, and doing so, he was detailed in Ordnance at Sandy Hook Proving Ground in July 1906. There he became interested in the use of wind-shields to improve the ballistic qualities of armor piercing shell and did much to promote their use, although some years elapsed before his ideas were adopted. Transferred to Springfield Armory in 1907, he energetically undertook experimentation on small arms. In 1908 he was transferred to Frankford Arsenal.

Here Major Phillips (he became a Major in June 1909) took charge of the manufacture of small arms ammunition. In addition to carrying on experimental work leading to improvements in ammunition, he performed very useful services in systematizing the manufacture. He invented and installed much automatic machinery, established the overhead feed system in the shops, and applied a modified form of the Taylor system. By these means there were effected considerable savings in time and cost of manufacture. Many inventions in connection with smokeless powder also signalized his stay at Frankford. He invented the process of oil drying powder and the machinery for its manufacture. During part of his six years there Major Phillips served as a member of the Army & Navy Powder Board and as inspector of powder at DuPont.

In 1914 he was transferred to Panama with the 5th Infantry Regiment in compliance with the law that no staff detail shall last more than six years. After a year there he was re-detailed in Ordnance at Sandy Hook. In July, 1915, he resigned his commission and became works manager for the Remington Arms — Union Metallic Cartridge Company. Re-entering the Army in his former rank in December, 1916, Major Phillips saw service on the Mexican border in the first months of 1917. The declaration of war with Germany, however, found him en route to Sandy Hook. Here he served as Administrative officer, taking a leading part in the organization of the Proving Ground and in the planning that preceded the transfer to Aberdeen. Soon after the inauguration of work at the new Proving Ground, the then commanding officer, Colonel C. L. H. Ruggles, was transferred to Washington to take charge of the Inspection section and thereupon Phillips, now a full Colonel, became Commanding Officer of both the old and the new Proving Grounds. His broad mindedness and varied experience served the Ordnance Department in good stead during the arduous period of development at Aberdeen. It may well be said that much of the success attending the difficult task of simultaneously performing construction on work and handling a rapidly increasing volume of current firing is due to Colonel Phillips personally.

Chart Showing Organization of Proving Ground

Commanding Officer
COLONEL WILLIAM A. PHILLIPS



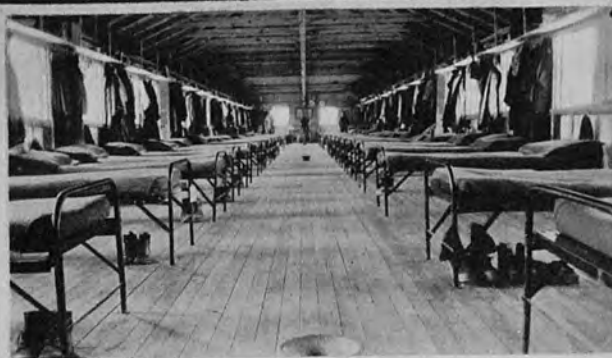


OUR MODE OF OPERATION

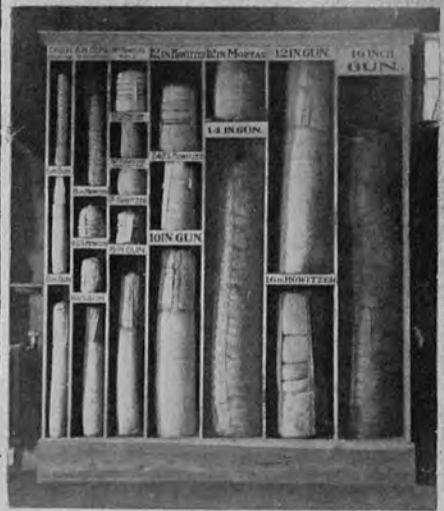
TO the layman familiar with the organization of a camp or post where soldiers are trained for service in the line, that is to fight and only to fight, it may seem strange that a post where military law exists should be divided and subdivided as is shown in the accompanying chart. To the average onlooker a camp where the men wear military uniforms can be nothing but a military organization. But at Aberdeen Proving Ground there are two points of view from which to survey the situation. It is of course first a military post, and the men are organized into military units just as they are in infantry and artillery. But Aberdeen Proving Ground is infinitely more than a military post; it is also a vast industrial organization, representing all the leading industries for which men were so badly needed at the outbreak of the war. Here have been represented all the industries which helped to

win the war. The Proving Ground has been the melting pot for all products produced and sent forward to confound the enemy. Here the output of our factories has been received and tested for acceptance. All of this work has required a very thorough organization. Consequently there are two separate systems of dividing the men of the Post. These systems have been correlated as nearly as possible by placing the men assigned to one department in the same companies or military units. Thus one company is composed of computers while another is made up of construction engineers instead of having men for all kinds of duties in the same company.

The chart on the opposite page shows how the industrial work is divided so that the best results may be obtained. The military organization corresponds to that of any other branch of the army and needs no explanation.



WHO
SAID
YOU
CANT
GET
'EM
UP?



POWDER
CHARGES
FOR
VARIOUS GUNS

ALL
TOGETHER
BOYS



ONE
OF
OUR
BIG
BOYS

OUR TRENCH
DIGGER
OVER HERE

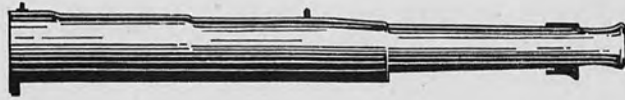


POWER HOUSE



"MARYLAND RANGERS"
RECOVERY DETAIL AT
OLD BALTIMORE





Commanding Officer's Staff



Back Row—

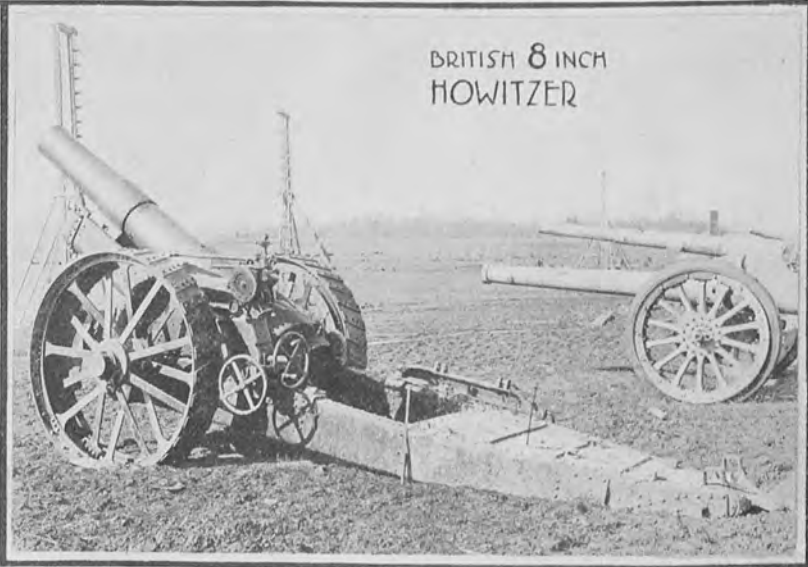
Captain Michael Shapiro, Captain P. M. Weidmann, Major A. B. Roberts, Captain A. Schaller, Captain J. B. Hendrick, Jr.

Middle Row—Major A. E. Greene, Major J. C. O'Dell, Major C. C. Gordon, Major Joseph H. Colyer.

Seated—Colonel W. B. Gordon, Colonel William A. Phillips, Lieutenant Colonel R. S. Oberly.



Major Thomas B. Henry, Major F. S. Tainter, Major J. R. Voorhees, Major C. H. Bandholtz, Major J. A. Brooks



BRITISH 8 INCH
HOWITZER



AMERICAN 4.7



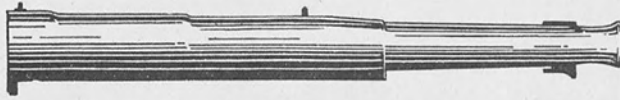
AMERICAN 75
ANTI-AIRCRAFT



TEST SHELL
TEARING UP
THE PEACEFUL
CHESAPEAKE



UNCLE SAM
HIDES HIS TOYS
CAN YOU FIND THE
GUN CONCEALED
IN THE BRUSH?



First Group

LIEUT. COLONEL R. S. OBERLY
Commander

Property Department
Finance Department
Traffic Department
Construction Department



THE PROPERTY DEPARTMENT

ON January 1, 1918, work was commenced on the Aberdeen Proving Ground and, in order to facilitate the purchase of Ordnance Supplies for the Ground, a Planning Section was organized. On March 28 General Order No. 15 was issued which divided the work of the Proving Ground into four departments, classified as follows: Proof, Service, Administration, and Military. The Administration was divided into five sections, one of which was known as the Property Section.

The Property Section was placed in charge of Captain Henry C. Cryder, who had full jurisdiction over all purchases of and requisitions for Ordnance Supplies for the other departments. The Ordnance Storehouse was also under his control. On April 1 the Purchasing Department consisted of one officer, three clerks, two stenographers, and was subdivided as follows:

- (a) Returns and Military Requisition.
- (b) Purchase.
- (c) Balance of Storehouse Ammunition.
- (d) Balance of Storehouse Commercial.
- (e) Storehouse.

On May 7 the Property Section, after a careful study of the present and future demands, was organized on a business basis. The organization resulted in the formation of the following units:

- (a) **Buying Unit**, which conducts all purchase inquiries and negotiations and recommends awards.
- (b) **Storehouse Unit**, which receives, unloads, and inspects all property and material.
- (c) **Record Unit**, which keeps record of all operations of the Property Section except for ammunition and property returns.
- (d) **Delivery Unit**, which follows purchase orders, transfers and requisitions, to insure delivery of material; receives rejection reports and orders return of rejected material; handles all transportation, receives all shipping documents and issues shipping orders.
- (e) **Filing Unit**, which operates correspondence and catalogue files, takes care of all incoming and outgoing mail and distributes Purchase Orders.
- (f) **Ammunition Unit**, which records ammunition receipts and expenditures, and provides for the maintenance of certain ammunition supplies.

(g) **Property Returns Unit**, which keeps Government Property records and transfers Government Property.

The rapid development of the Proving Ground, with the enormous work entailed and the efficient manner in which this work was consummated, proves more graphically than mere words can tell the high degree of perfection that had been attained. The necessities of the moment were met with a promptitude and dispatch worthy the exalted tenets of business efficiency. So well was the work organized that, despite the rapidly increasing volume of business, the Property Section was competent to take care of all its obligations without changing a single comma on the organization chart. On June 22 General Order No. 39 was issued by the Commanding Officer, reorganizing the division of the work at Aberdeen Proving Ground, and the Property Section became the Property Department, with Major John R. Voorhees in charge, and with Captain Henry C. Cryder as his assistant.

The employees, including civilian and enlisted men, numbered approximately ninety persons, an increase of about fifteen times the original number. On the 8th of June the Ordnance Storehouse was moved from the old wooden building to the new brick structure. This entailed an enormous amount of work, but being carefully studied out and planned beforehand, the change was made without a hitch. The Property Department as it exists on December 1, 1918, shows still greater expansion, having a personnel of about one hundred and ninety persons. The principals are as follows:

Major John A. Brooks, Jr.—In charge.
Captain Henry C. Cryder—Executive Assistant, and Officer in charge of Procurement Section.
Second Lieutenant L. Wagner—Assistant.
Second Lieutenant G. W. Maddox—In charge of Buying Unit.
First Lieutenant J. M. Johnson—In charge of Ammunition Section.
First Lieutenant C. H. Dawson—In charge of Return Section.
Captain C. B. Sawyer—In charge of Gun Section.
Second Lieutenant W. W. Burns—Assistant.
Second Lieutenant H. R. Rouland—Assistant.
First Lieutenant S. M. Faust—Assistant.
Mr. R. M. Johnston—In charge of Balance of Stores Section and Storekeeper.
Captain J. H. Moore—Officer in charge of property of Construction Department.

Corporal Arthur Bennett.



THE FINANCE DEPARTMENT

COMMISSIONED PERSONNEL

Major Joseph H. Colyer, Jr.
Major F. J. O'Hara

Captain T. B. M. Terhune
1st Lieutenant Harry D. Baum

1st Lieutenant Allen L. Story
2nd Lieutenant J. S. Gorsuch

THE Finance Department of Aberdeen Proving Ground was the first of the Administrative Departments to arrive at this Post, the Construction Department being the only one which preceded it.

The Finance Department came into being the first of November, 1917, when Major Joseph H. Colyer, then Captain Colyer, with Mr. Roger Shaw as chief clerk and John S. Stuart as stenographer comprised the entire division. Since that time new duties have been assigned to this department, and in the short period of its existence it has grown from an organization of three men to one now including seven officers, seven civilian employees and a few more than one hundred enlisted men.

As is implied by its name, this department handles all the funds disbursed at this Post with the exception of such funds as relate exclusively to military disbursements. During the year which has just passed the Finance Department has checked out a little more than ten million dollars.

Those in charge of the work in the Finance Department and the duties filled by them are as follows: Major Joseph H. Colyer, chief disbursing officer and head of the department; Major F. J. O'Hara, in charge of computing commissions to contractors; Captain Ten Broeck M. Terhune, in charge of the Cost Time Division, Ordnance Department Pay Roll and the military police who check the time cards of the contractor's laborers; Mr. Roger Shaw, in charge of the Disbursing Section and Chief Clerk of the department. Mr. Shaw is also in charge of the department handling the payment of approved bills and the preparation of money papers and reports. Major Colyer has been greatly assisted in his work by Mr. Shaw,

who has seen some seventeen years of service in the Ordnance Department. As the preparation of monthly reports together with other financial reports that must be rendered to the various bureaus in Washington are in themselves an exhausting task Mr. Shaw's years of experience have been of incalculable value to the department. The department of allotments and bookkeeping is in charge of Sergeant First Class Dann Faber, and it is also his duty to attend to the preparation of all vouchers for the operating expenses of the Post. This department does not handle any of the construction work.

The Finance Department started in a corner of the office of the Construction Department, which was then located at Black Gate. After having been moved three or four times it was finally located in a building of its own, which had been moved from Sandy Hook in February, 1918. The growth of the department, however, soon made it too large for this building, and an addition equal in size to the original building was erected. This extension proved adequate for a short time only, and a third wing of the same size was added. Since there was no further room for extensions, and the Commanding Officer realized the crowded condition of the Finance Department, additional space was provided in another building for Lieutenant Story and his time checkers.

Since the advent of the Finance Department at this Post, there have been many changes. On the date of the arrival of the pioneers in the department there was nothing to be seen other than cornfields. These cornfields have been entirely replaced by barracks, office buildings, and buildings used for many other purposes.



THE TRAFFIC DEPARTMENT

THE Traffic Department is the organization upon which the wrath, indignation, and general hatred of a wrought up officer may temporarily be released.

On January 2nd, 1918, they wrote a few words and behold—a completed train schedule! A train leaving Aberdeen at seven in the morning and another returning at six in the evening were most generally used at that time, unless, of course, a man chose to walk the tracks, the two coaches used on each trip conveying the total Aberdeen Proving Ground Railroad passenger traffic. The Baltimore work train was also starting to enter the Proving Ground proper on that day, but then, even as now, it was a comparatively negligible item when classed with the limiteds of our own double rail line. On January 18th the “Rodman” made its initial trip on the Proving Ground tracks, piloted by the redoubtable and inimitable “Buck” Keating, ably assisted by “Pete” La Frenz at the shovel. Private R. F. Fillion was in charge and “Pat” Little threw the switches. From the mere three hundred passengers a day of that time the traffic has increased to a record of over four thousand persons carried on November 16th on thirty-eight trains and handled in service superior to the average given to a small city. One of the most inspiring scenes, and possibly the only one in Aberdeen, is the good old “Rodman” patiently waiting for your Havre de Grace connection.

The original staff guiding the railroad’s destiny consisted of Captain (then Lieutenant) B. S. Lawyer. Innumerable difficulties were encountered in the form of severe weather, lack of equipment and lack of track. When the “Rodman” made its debut here its water tank had to be refilled by a small pump, just a sample of so many similar obstacles. Coal was brought in and dumped on the ground and as winter merged into spring the coal submerged into mud. About fifteen carloads of freight a day was then an average. In July the cars came in at the rate of between fifty-five and sixty daily and it was at that time that Captain Lawyer put to its greatest capacity his intensely dynamic personality.

In the latter part of July the overwhelming proportions of the railroad work were recognized and Major V. E. Edwards was placed in charge with authority for a complete extension in all directions of the Traffic Department. After a few weeks he turned the department over to Major J. C. O’Dell and returned to specialize in the work of the Proof Department, in which he had been and is now a qualified expert. Major O’Dell, a railroad man throughout his business career, started a complete reorganization of the work to conform with its abnormal growth. Additional tracks were laid in all directions and included a storage trestle six hundred and twenty feet in length with a capacity of about four hundred cars, car after car of stone, sand and coal being dropped through with an enormous saving in time and money. Locomotives rented from the Pennsylvania Railroad were returned and new and superior type engines fitted with fire-fighting equipment purchased. Instead of the five locomotive cranes in service at that time there were brought here twenty-one, three of which are capable of lifting two fully loaded coal cars at a time without even shivering. Fifteen Proving Ground freight cars are used in “Jitney” service instead of Pennsylvania Railroad cars on a rental basis, as formerly. In place of the divided unloading forces for the Dredging Company and the Ordnance Department a centralized force was inaugurated to unload all freight. The railroad was divided into four sections with a lieutenant in charge of each, supervising and accountable for the unloading in his particular territory, the general unloading being under the direction of Captain H. E. Page. Each morning, Mr. J. H. Watson, superintendent, makes a report of the cars on hand showing their contents and locations. The unloading forces are then distributed accordingly. A daily check of every car on the Proving Ground Railroad is made and each car held longer than normal is put on another statement which is carefully handled for special action. Before a car of freight is placed an order by the Clearance Section of the Property Department is made to cover its location, which enables them to efficiently dispatch their freight checkers. All orders for special service are lodged in writing

(Continued on Page 168)



CONSTRUCTION DEPARTMENT

COMMISSIONED PERSONNEL

MAJOR A. B. ROBERTS—Constructing Officer.
Major Grant Campbell—Power Plants.
Captain James E. Grimes—Engineering Department.
Captain Charles F. Derby—Outside Superintendence.
Captain Ralph C. Llewellyn—Progress and Administration.
Captain J. J. Burling—Buildings.
Captain S. F. McIntosh—Heating and Electrical Work.
Captain Michael Shapiro—Shops.
Captain J. H. Moore—Property.
First Lieutenant H. L. Breuinger—Administration.
First Lieutenant N. S. Booth—Personnel.
First Lieutenant J. M. Page—Roads.
First Lieutenant C. E. Fisher—Machinery.
First Lieutenant T. L. James—Rented Equipment.
First Lieutenant H. A. DeWitt—Purchasing.
First Lieutenant W. P. Duff—Garage.
First Lieutenant H. M. Clark—Commissary.

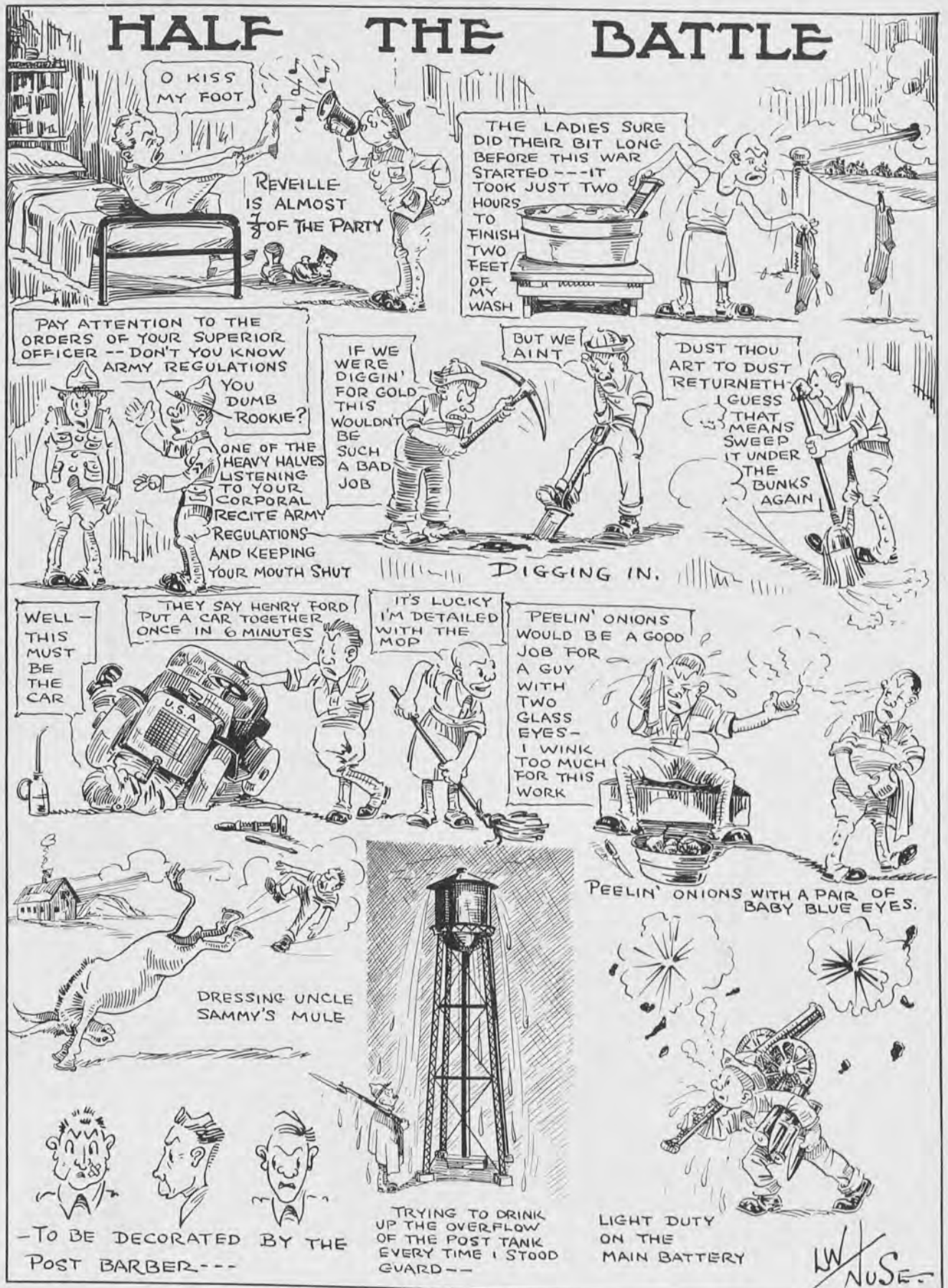
IT has been the function of the Construction Department to build the Proving Ground. All new construction work of whatever kind including buildings, railroads, vehicle roads, water works, sewers, electric lines, docks, dredging, clearing of timber, grading, etc., as well as considerable maintenance work during the Construction period, have been under the supervision of the various branches of this department. A general idea of the magnitude of this task is perhaps apparent to anyone who has had opportunity to travel over the six by twenty-five miles of reservation and view the numerous operations that were carried on simultaneously on the different ranges and sections of the grounds. To those who have not had this opportunity, the following statistics may give some idea, keeping in mind that work was started on October 21, 1917, and now, less than 14 months from the beginning, the following are some of the principal items completed.

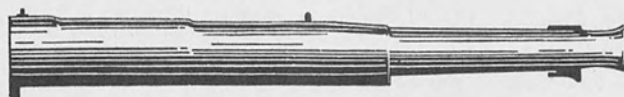
Number of buildings.....	500
Total area of buildings in square feet.....	1,300,000

Miles of concrete road.....	10
Square feet of concrete platforms.....	300,000
Cubic yards of dredging.....	300,000
Square feet of docks.....	15,000
Miles of railroad.....	30
Miles of water mains.....	12
Miles of sewer mains.....	12
Miles of steam mains.....	3½
Miles of pole lines.....	23
Miles of underground conduit.....	5

The cost of the work to date has been in the neighborhood of \$10,000,000, exclusive of the cost of the land. The land has been permanently acquired by the Government at a cost of approximately \$3,500,000, as it is intended to make this the main permanent Proving Ground of the United States Army. Due to war conditions a large part of the work done has necessarily been of a temporary nature, although where possible work has been made permanent. It is planned to replace temporary structures with permanent ones as rapidly as conditions will permit, so that the Army in the end will have as complete and as permanent a Proving Ground as it is to be found anywhere.

Major A. B. Roberts.

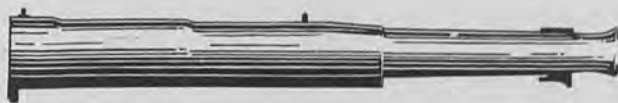




Second Group

MAJOR C. H. BANDHOLTZ
Commander

Military Department
Quartermaster Department
Administration Department
Instruction Department
Medical Department



MILITARY DEPARTMENT

CAPTAIN J. B. HENDRICK, JR., Officer in Charge

THE Military Department furnishes to all other Proving Ground Departments the enlisted men with which to carry on the great work of the Proving Ground. It devolves upon Military Department to secure and distribute their food, maintain suitable messes, and to see that the troops are properly clothed and housed. It is also a function of this department to see that sanitary regulations are enforced and the men receive proper medical attention at all times. It is the further duty of the department to supervise the instruction of the men in military courtesy, army paper work, infantry drill, interior guard duty and all the laws and usages passed upon for the governing of men in the military service.

One of the important issues of the department is the care and keeping of the numerous records concerning the officers and enlisted men. Through the office of the Adjutant, Captain G. H. Baker, the department keeps in touch with each man. Here are compiled and forwarded or filed for future reference qualification cards, rations, reports, detail reports, morning reports, insurance blanks, allotments, pay rolls, orders, circulars and general instructions. This endless chain of routine is handled with dispatch and care by the Sergeant Major's office, which is a part of the Adjutant's office.

Among the charges of the Military Department are the following activities of the Post:

Athletics and Amusements.—Under the direction of the department, Lieutenant F. R. Whitney, co-operating with an Athletic Council, has charge of the work of promoting athletics and securing suitable amusements for the men. It is his duty to arrange various meets, schedules and events and to do all possible to keep up the morale and good fellowship of the troops. He must also secure the necessary funds and equipment for the furtherance of this work at all times.

Post Exchange.—This well known institution must keep in touch with the wants of the men and supply those wants at a reasonable cost. A great deal of work has been by Lieutenant R. W. Kent, Exchange Officer, to bring

the Exchange to its present high state of efficiency. It is a great convenience for a man to be able to buy a spool of thread and a suit of clothes, a haircut and a hat, a lead pencil and a pair of boots all under the same roof.

Fire Protection.—The maintenance of proper fire equipment, of many stations and a suitable organization is, within itself, a large task. The work of the Fire Department, under the general supervision of Major C. H. Bandholtz, Fire Marshal, and the direct charge of Lieutenant H. Herman, assistant Fire Marshal, has been so systematized as to enable the department to cope with any situation that may arise, whether it be a fire in some building of the Headquarters Group or a forest fire on the range many miles away. The excellent work of this department is well known to everyone.

Thrift.—Thrift makes a good citizen and it makes a good soldier, and to this end the Military Department has set about to encourage thrift in many ways and to promote the sale of Liberty Bonds, War Saving Certificates and Thrift Stamps. Lieutenant R. W. Kent, who is the author of the famous Proving Ground slogan, "You'll never miss the money, boys; the Quartermaster will simply take it from you before you see it," has been very active as Thrift Officer and has accomplished a great deal of good along this line.

It is interesting to take up the Ordnance Detachment from its inception to the present time. The first Post Return of the Aberdeen Proving Ground, rendered November 30, 1917, showed the personnel of the Ordnance Detachment was as follows:

Lieutenant D. C. Kerr, Detachment Commander, two Corporals, four privates First Class, twenty-one Privates.

On January 4, 1918, Captain C. H. Bandholtz, Ordnance Department, U. S. A., assumed command of the Ordnance Detachment. The following officers were assigned to duty as assistants to the Detachment Commander:

Captain W. S. S. Rodgers, Jr., Captain Francis S. Day, First Lieutenant E. A. McGuire, First Lieutenant H. L. White, First Lieutenant

(Continued on Page 169)



THE QUARTERMASTER DEPARTMENT

CAPTAIN P. M. WEIDMANN—Acting Quartermaster.

Captain B. S. Lawyer—Assistant.

First Lieutenant Fred. T. Schultz—Commissary.

First Lieutenant J. E. McCann—Assistant Reclamation Officer.

First Lieutenant George E. Bliss—In charge of Farm.

ON October 22nd, 1917, Lieutenant B. S. Lawyer, transferred from Sandy Hook Proving Ground and assigned to Aberdeen as acting quartermaster, took charge of the detachment of one enlisted man, and commenced the routine of the job envied by none but as essential to the continuance of a military post as are the guns to an army. The Q. M. Storehouse, at first, was the room in which both quartermaster and post exchange property were stored together. This was in the rear of Barrack 10, originally, now renumbered Barrack 11. The office itself, first at Aberdeen, was transferred to Black Gate; from the latter to Barrack 2. With the erection of the post headquarters building the third exodus took place, and Lieutenant Lawyer found desk room in A-1. Supplies in the meantime were piling up. More room was needed. An edifice intended for one of the old garage group was hastily converted and made semi-weather proof; two salamanders situated at strategic points on the earthen floor so that they might combat the encroachment of frost; and the post exchange was left in sole possession of No. 10, while edibles and wearables were transported to the new warehouse.

With the coming of the new year Lieutenant Lawyer was succeeded by Captain P. M. Weidmann, who assumed office and command of the detachment which had grown to four men. Under Captain Weidmann, the present quartermaster, the organization has increased until today its commissioned personnel numbers five, enlisted seventy-eight. Lieutenant Lawyer, advanced to the grade of Captain and reassigned to the Q. M., is assistant to Captain Weidmann; Lieutenant Fred T. Schultz, in charge of commissary; Lieutenant George E. Bliss, in command of the farm detail; Lieutenant J. E. McCann, as assistant reclamation officer, is in direct supervision of the reclamation and conservation divisions of the department. Q. M. Sergeant L. C. Parker, head of the clerical force, is directly over Sergeant First Class H. H. Gordon, Finance; Sergeant J. S. Sarasohn, Clothing; Sergeant J. A. DeVere, Property; Sergeant R. H. Moore, Transportation; Ser-

geant L. E. Plumm, Commissary; Sergeant J. A. Wilson, Fuel and Forage, and Sergeant R. H. Lynch, Motor Transportation.

On the first of the year the office and storehouse were at last combined beneath a single roof, by removal to the storehouse in use. This necessitated further remodelling of the ex-garage. Here, until mid-summer, when the first permanent buildings on the ground were completed, remained the home of the corps. In June, before the mortar had dried between the bricks or the last nail had been driven, the twin storehouses, Ordnance and Quartermaster, were invaded and occupied by the two property divisions of Aberdeen.

Provisioning and clothing 5000 men and paying them and the 300 officers who constitute the commissioned personnel of the post—in itself no small task—is not all that falls under the head of Q. M. operations. With the establishing of the Reclamation Department came the huge task of assembling, classifying and preparing for salvage material of a hundred different kinds, from worn out clothing to automobile tires that had outlived the days of usefulness. Not “junking” alone is included in salvage work however. A clothing repair shop and a shoe repair shop are part of the equipment of this branch of quartermaster duties. Into the two shops mentioned, as speedily as requisition could produce the apparatus, was installed modern machinery. Today shoes are being put into wearable shape at the rate of 1000 pairs per month, and clothing not beyond rescue renovated and returned to service.

On the 23rd of July the original ten farmers, selected by Lieutenant Harris, took possession of the *neutral zone* at Old Baltimore and commenced laying out the Farm, another activity assigned to the Quartermaster. Lieutenant Harris was succeeded by his assistant, Lieutenant Jones, who remained in charge for only a short time. Lieutenant George E. Bliss, at present head of the detail of 44 men, was assigned to the Farm in October.

Sergeant H. H. Gordon.



THE ADMINISTRATION DEPARTMENT

MAJOR CHARLES C. GORDON—Head of Administration Department.

Captain F. C. Hunt—Personnel Section.

Lieutenant R. C. Abbey—Personnel Section.

Lieutenant J. H. Wallace—Personnel Section.

Lieutenant R. S. Brainerd—Office Section.

Mr. C. J. Smith—Record Section.

ADMINISTRATION Department controls the central office mail and record file and supervises the operation of the files of the different departments and sections. Has charge of the collections and distributions of all mail.

Supervises the discipline of the office force.

Prepares all Bills of Material for office supplies and equipment.

Makes studies of work, organization and methods of Departments and Sections and furnishes information relating to same.

Develops and installs new methods where necessary; handles all questions of changes in organizations.

Inspects and supervises operation of methods in order to maintain standards established and eliminate duplication of duties.

Has general superintendence of office buildings; supervises the duties of orderlies.

All mimeograph work for Post is handled by this Section.

Record Room

Prepares all firing records covering all development work in connection with the Ordnance Board.

Prepares all firing records pertaining to acceptance material consisting of mobile artillery, trench warfare and aeroplane ammunition.

Personnel Section

Procures, appoints and assigns all civilian employees for the Proving Ground. Arranges for and records all changes in the Civil Service status of employees, including promotions, transfers, resignations, etc., and handles all other matters with the Civil Service Commission.

Keeps civilian personnel roster and other necessary personnel records; co-operates with Efficiency Board. Has custody of efficiency records; has charge of health and recreation of civilian employees of the Proving Ground.

Investigates and adjusts all complaints and labor troubles.

Conducts all dealings in matters relating to labor with properly authorized agencies outside of Ordnance Department.

Handles all matters pertaining to the housing of civilian employees.

Compiles statistics relating to labor (classification, etc.).

A local Civil Service Board, Lieutenant R. C. Abbey, chairman, holds examinations for all clerical positions on the Proving Ground.

Maintains a file record of leaves of absence of all civilian employees.

Keeps records of enlisted personnel in Administration Department.



THE INSTRUCTION DEPARTMENT

CAPTAIN A. SCHALLER—Commanding.
First Lieutenant J. R. Reilly—Adjutant.
First Lieutenant P. H. Taylor—In charge of Military Instruction.
First Lieutenant R. L. Barton—Instructor in Trench Warfare.
Second Lieutenant—J. L. Green—Instructor in Artillery Ammunition.
Second Lieutenant A. M. Redding—Instructor in Instruments.
Second Lieutenant W. J. Thorne—Instructor in Artillery.
Second Lieutenant H. F. Butler—Instructor in Small Arms.
Second Lieutenant O. C. F. Lippert—Instructor in Chemistry and Explosives.
Second Lieutenant E. A. Thomas—Assistant Instructor in Artillery.

THIS school was organized on April 15th, 1918, for the twofold purpose of training Ordnance officers in the theoretical as well as the practical application of engineering principles to the Ordnance material, and in opening an avenue of promotion for properly qualified enlisted men who could successfully complete the course of instruction.

The course of instruction consisted of eight weeks of theoretical work followed by a month of practical work by assignment to the front, totaling the required three months' training for candidates. During the first eight weeks the course was given in the following order:

Guns were studied from the viewpoint of the special materials used in manufacture, the theory of their construction, the various types of recoil and recuperator systems, the operation of the different breech and firing mechanisms and the many kinds of carriages and mounts used. This study was particularly directed toward the light and heavy mobile artillery—including the anti-aircraft and Railway mounts along with the field guns.

In studying the artillery ammunition a brief review of chemistry led up to the actual composition of the various powders and explosives used in service. The manufacture and care in storage of these explosives was followed by the proposed methods of loading of the various shells. With each of the many components which go to make up one complete round, the proper functioning and the ballistic tests used to determine its fitness for service were explained. This included the smokeless powder, primers, cartridge cases, shrapnel, time fuzes, high explosive shells and detonating fuzes. The

mechanical construction of the fuzes was particularly studied in connection with the necessary devices used, and the tactical uses for the various types.

Gun sights were explained, and the various instruments for determining the velocities of projectiles and the powder pressures developed inside the guns. This covered both the Boulenger and the Aberdeen Chronographs.

The subject of Trench Warfare included all of those curious death dealing machines revived from other wars or of recent development. Hand rifle grenades, trench mortars and howitzers, were explained, as well as the many forms of ammunition and explosives used in them. Lectures on the manufacture and use of the various gases were supplemented by a trip to the Edgewood Arsenal where the gases were made and shells filled. The bombs dropped from airplanes, with the various firing devices and their many uses were included.

The small arms course was the last taken up. In this, the rifle, pistol, revolver and machine guns were all studied. The student was instructed in the mechanical operation, the assembling and dismantling, and the tactical use of all these weapons, and finally was given an opportunity to fire them on the range, so that this mechanical knowledge was enhanced by a familiarity in their use.

During the eight weeks, military instruction was allotted one day each week, as well as two drill periods of an hour each day.

Since the organization of the school a total of 134 officers have been trained and 332 enlisted men.

Lieutenant J. L. Green.



THE MEDICAL DEPARTMENT

Commanding Officer—MAJOR THOMAS B. HENRY, M. C.

Adjutant—Captain James L. Junk, M. C.

Captain James A. Trowbridge, M. C.
Captain Robert V. Shepherd, M. C.
Captain Jay H. Stier, M. C.
Captain Hamilton C. Perkins, M. C.
First Lieutenant Edward C. Blackwell, M. C.
First Lieutenant John Collinson, M. C.
First Lieutenant Gerald L. Higgins, M. C.

First Lieutenant James S. Lyons, M. C.
First Lieutenant Frank J. Erdlitz, M. C.
Captain John M. McCausland, D. C.
First Lieutenant St. Clair Hasbrouck, D. C.
First Lieutenant George Christman, D. C.
Second Lieutenant Elmer N. Davis, V. C.

THE Medical Detachment, with a personnel of sixteen officers, fourteen nurses and one hundred and four enlisted men, is an organization which reflects credit on Aberdeen Proving Ground.

The problem of keeping the American Army "fit to fight" has been no small one, but on account of the untiring efforts of officers, nurses and enlisted men in this detachment, we feel justified in claiming our share of honor in the realization of the fact that Uncle Sam's Army is the healthiest army in the world. The disappointment that we feel in being denied the privilege of overseas service is very keen, but this is somewhat overcome by the fact that our work has been of most vital importance. Only a healthy army can be a successful one.

At the present time we have a capacity of about two hundred beds in the Hospital. This can be greatly increased by the use of the enclosed corridors. In addition to this, four barracks and the old hospital building, now used as quarters for the detachment, are equipped for use as emergency wards. In case of an epidemic we can accommodate comfortably between eight and nine hundred patients. The wards in the hospital may be classified as follows: One receiving ward, one surgical ward, three medical wards, one officers' ward, one isolation ward.

The Hospital can also boast of elaborate Dental Parlors, an operating and dressing room, with the most modern equipment, Ear, Eye, Nose and Throat Department, Laboratory, and X-ray equipment, which uphold in every way the high standard of efficiency we have striven to maintain. Under the able leadership of our Commanding Officer, Major Thomas B. Henry, and our Adjutant, Captain James L. Junk, we feel fully capable of handling any emergency that may arise.

To the present time there have been about 2800 patients treated at the hospital. This figure includes the recent epidemic of influenza. We have had a total of deaths as follows. Five

officers, seventy-three enlisted men, fifteen civilians.

Considering the number of patients treated and the hardships encountered this is a remarkably small number, the percentage being about .0351.

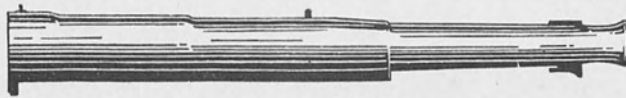
Just a word in regard to the past history of this detachment will not be amiss, for surely the pioneers who laid the foundation for the work that has proved so successful deserve special mention.

During the month of November, 1917, Captain James L. Junk (then Lieutenant) was assigned here as Surgeon, followed a little later by about fifteen enlisted men in charge of Sergeant Louis DeGroat (now a Second Lieutenant serving in France). Work was carried on in the building which is now being used to quarter some of the present detachment and was then hospital and barracks combined. However, they did their work well and passed through a winter of hardship with an excellent record.

As the camp began to grow the necessity for an adequate hospital building became more and more evident and the work was soon begun. In March, 1918, the new Hospital was completed. As the camp grew the Medical Detachment also increased in number.

Most of the oldest men have left us. Some are in France, some in other camps, and some have "passed over the river." Lieutenant William C. Reese, who was among the first of the officers to be assigned here, died during the recent epidemic of influenza. He was transferred to another post a good many months before the time of his death. Some of us will remember Private Donald J. Lyons who died May 7th, 1918, of scarlet fever, and practically all of us will remember the more recent death of Private Harry D. Haley, who passed away on October 8th, 1918, due to broncho-pneumonia. These men all gave their lives in the performance of their duties.

Hospital Sergeant A. J. Smith.



Third Group

MAJOR FRITZ P. LINDH
Commander

Proof Department
Service Department
Shops Department



THE PROOF DEPARTMENT

MAJOR FRITZ P. LINDH—In charge

MAJOR ALFRED L. LOOMIS—Technical Assistant

ACCEPTANCE SECTION—Major James E. Fullam, in charge of Section

Captain Cecil E. Lovejoy	2nd. Lieutenant C. Everit Bersinger	2nd. Lieutenant Burton A. Fields
1st. Lieutenant Raymond D. Culver	2nd. Lieutenant George W. Bingham	2nd. Lieutenant Edward D. Goldsmith
1st. Lieutenant Frederick E. Fish	2nd. Lieutenant Raymond C. Bracken	2nd. Lieutenant Maurice H. Masland
1st. Lieutenant Seth B. French	2nd. Lieutenant Walter L. Brady	2nd. Lieutenant Nelson C. Ogden
1st. Lieutenant Alfred E. B. Hall	2nd. Lieutenant Harold R. Breeden	2nd. Lieutenant Ernest F. Page
1st. Lieutenant George W. Hamill	2nd. Lieutenant William C. Briddell	2nd. Lieutenant Thurston H. Ross
1st. Lieutenant George W. Mitchell	2nd. Lieutenant Ernest G. Brown	2nd. Lieutenant James G. Rowe, Jr.
1st. Lieutenant Paul M. Hart	2nd. Lieutenant Otto C. Budde	2nd. Lieutenant W. Macmillan Sharp
1st. Lieutenant Frank W. Royer	2nd. Lieutenant Malcolm R. Buffington	2nd. Lieutenant Alvin G. Thompson
1st. Lieutenant John A. C. Stevenson	2nd. Lieutenant Elwood T. Carmichael	2nd. Lieutenant Alex. A. Treuhart
1st. Lieutenant William A. Ware	2nd. Lieutenant Edward H. Covell	2nd. Lieutenant Charles E. Wheeler
1st. Lieutenant Robert L. Young	2nd. Lieutenant Samuel M. Dillard	2nd. Lieutenant Ralph H. Williams
2nd. Lieutenant Hollis W. Bell	2nd. Lieutenant Walter J. Evans	2nd. Lieutenant Jay M. Zentner
2nd. Lieutenant Wilmurt A. Bennett	2nd. Lieutenant Isaac D. Everitt	2nd. Lieutenant Herman C. Zierdley
	2nd. Lieutenant Walter R. Faries	

DEVELOPMENT SECTION—Captain Harold C. Strohm, in charge of Section

Captain Chas. H. Dickson, Jr.	1st. Lieutenant Floyd E. Mehrhof	2nd. Lieutenant Walter J. Johnson
Captain Ralph H. Williams	1st. Lieutenant Harold D. J. Moon	2nd. Lieutenant Charles E. Koch
1st. Lieutenant Sidney Collidge	1st. Lieutenant Carroll H. Mount	2nd. Lieutenant Frank T. Lane
1st. Lieutenant George S. Dickinson	1st. Lieutenant Cleland C. Ross	2nd. Lieutenant Gerhard J. Lauter
1st. Lieutenant Boyd V. Evans	1st. Lieutenant Don O. Tylee	2nd. Lieutenant Howard A. Lee
1st. Lieutenant William K. Fitch	1st. Lieutenant Harry D. Vaughn	2nd. Lieutenant John S. Littleford, Jr.
1st. Lieutenant Prentiss M. Hatch	2nd. Lieutenant Samuel S. Ambler	2nd. Lieutenant Phillip E. Thomas
1st. Lieutenant Arch B. Johnston	2nd. Lieutenant George E. Anderson	2nd. Lieutenant Frank C. Thorpe
1st. Lieutenant Harry L. MacGregory	2nd. Lieutenant Frederick L. Cole	2nd. Lieutenant Louis C. Wagner
	2nd. Lieutenant William P. Barber, Jr.	

DEVELOPMENT SECTION, TRENCH WARFARE RANGE—Captain Samuel K. Bushnell, in charge of Section

Captain Alfred R. Pollard	2nd. Lieutenant Charles E. Dodge	2nd. Lieutenant D. John Stickney
1st. Lieutenant William B. Moran	2nd. Lieutenant Stephen K. Rapp	2nd. Lieutenant Warren L. Tapley
2nd. Lieutenant Kittridge Batchelder		2nd. Lieutenant Albert E. Willis, Jr.

RAILWAY MOUNTS SECTION—Captain Charles C. Stretch, in charge of Section

1st. Lieutenant Samuel G. Barker	1st. Lieutenant Oliver M. Wolfe	2nd. Lieutenant John L. Hearn
1st. Lieutenant Alexander W. Limont	2nd. Lieutenant Geo. H. Armistead, Jr.	2nd. Lieutenant Maurice G. Steele
1st. Lieutenant Jasper W. Nicolls	2nd. Lieutenant Taylor B. Grant	2nd. Lieutenant Charles A. Williams
	2nd. Lieutenant Richard C. Greer	

INSTRUMENT SECTION—Captain Harvey B. Lemon, in charge of Section

1st. Lieutenant Harold W. Couper	2nd. Lieutenant Russell P. Dunmire	2nd. Lieutenant Theodore Z. Haviland
2nd. Lieutenant George W. Alsdorf		2nd. Lieutenant Alwin G. Stieglitz

RANGE FIRING SECTION—Major Oswald Veblen, in charge of Section

Captain Francis W. Loomis	2nd. Lieutenant A. Harl Boileau	2nd. Lieutenant James H. McKee
Captain Harold B. Taylor	2nd. Lieutenant Edward L. Aldsworth	2nd. Lieutenant Edward F. Merrill
Captain William W. Woodruff	2nd. Lieutenant Herbert C. Brown	2nd. Lieutenant Raymond W. Peters
Captain W. H. Wright	2nd. Lieutenant Fitzhugh L. Carmichael	2nd. Lieutenant Clifford E. Shedd
1st. Lieutenant Phillip L. Alger	2nd. Lieutenant Haig Galajikian	2nd. Lieutenant George H. Smith
1st. Lieutenant Valentine V. Eby	2nd. Lieutenant Bernard A. Klein	2nd. Lieutenant Edward L. Snow
1st. Lieutenant Arthur D. Elliot	2nd. Lieutenant Harold G. Manning	2nd. Lieutenant Talmadge M. Wake-
1st. Lieutenant Walter J. Merry	2nd. Lieutenant Floyd A. McCartney	man
2nd. Lieutenant Harold Andrews		2nd. Lieutenant L. Earl Wilson

MAIN BATTERY—Captain Ernest W. Boley, in charge

Captain Harry L. White	1st. Lieutenant Francis L. Barroll	2nd. Lieutenant Pliny A. Porter
1st. Lieutenant William L. Abbott	1st. Lieutenant Robert F. Hunt	2nd. Lieutenant Joseph F. Sweeney

PLANNING SECTION—Captain Geo. R. Metcalf, Jr., in charge of Section

2nd. Lieutenant Henry E. Eaton	2nd. Lieutenant Chauncey M. Ogden	2nd. Lieutenant Norris M. Perris
--------------------------------	-----------------------------------	----------------------------------

RANGE FIRING SECTION, WATER RANGE—Captain Harold B. Taylor, in charge

2nd. Lieutenant Albert Grobstein	2nd. Lieutenant Robert E. Kennedy	2nd. Lieutenant Henry O. Stroemer
2nd. Lieutenant Preston R. Hardcastle		2nd. Lieutenant Richard A. Wolf



The Functions of the Proof Department

ABOUT July 1, 1917, the Proof Department of Sandy Hook Proving Ground was divided into two distinct branches, one to accept and release the large quantities of ammunition being manufactured for overseas shipment; the other to do all other proof work, chiefly experimental.

This division of functions was made in order that an Acceptance Section of the Proving Ground might be provided to give its undivided attention to the prompt release, for our armies, of all ammunition manufactured for them in this country and Canada. Later, the other section, which had been known as the Development Section, was subdivided because of the ever increasing work into a Development Section, Railway Artillery Section, Range Firing and Ballistic Computation Section.

How the scope of the Proof Department has extended is shown in the following paragraphs where each fundamental item involved is pictured as it existed about July 1, 1917, and at the signing of the Armistice.

Manufacturers of Ammunition

In July, 1917 only twenty-four contractors were manufacturing ammunition in this country for the United States Government, under some thirty individual contracts. When the Armistice was signed, Aberdeen was testing ammunition from two hundred and eighty-five contractors, involving some seven hundred principal contracts and innumerable sub-contracts.

Transportation of Samples to the Proving Ground

Previously, the transportation of ballistic samples to the Proving Ground was accomplished by freight and the average time involved was ten days. Test Reports were rendered by mail to Washington involving further delays so that the average aggregate time from selection of samples to receipt of shipping in-

structions was about one month. In order to release ammunition for overseas shipment, prevent production delays and entire shut-downs due to lack of storage space at plants a system of special trains and truck routes was organized, which placed samples made at the manufacturer's plant one day, at the Proving Ground the next morning. This, together with special wires and daily courier service to Washington, resulted in an average aggregate time of 48

to 60 hours from the selection of the samples at the maker's plant to his receipt of shipping instructions.

Equipment

When, in view of the large amount of work due to the war, the Ordnance Department decided that a new Proving Ground with much greater

acreage was necessary, Aberdeen was chosen. The 50 yards of Mobile Battery, formerly at Sandy Hook, were expanded at Aberdeen as follows: A Main Proof Battery, approximately one-half mile long; a Trench Mortar Battery, one-quarter mile long; three Detonating Ranges with some six-gun emplacements each; one Anti-aircraft Battery of four-gun emplacements; one Range Firing Battery of eighteen-gun emplacements; one Railway Artillery Battery of eight tracks; one Bombing Field about one mile square; one Tank Field with varied terrain, and an Aviation Field with six hangers and the necessary auxiliary buildings to care for twenty-five planes of all different types, from the light Curtiss to the heavy Handley-Page.

The gun and carriage equipment has increased from 30 to 240.

The equipment for the assembly and storage of ammunition has kept pace with these developments, as well as the equipment for gun maintenance and repair.

More adverse conditions could hardly be imagined than those existing at the time the Proving Ground was transferred from Sandy

A YEAR OF PROOF WORK

	Amount	Worth
Primers	27,500,000	\$1,028,000
Cartridge Cases	45,100,000	28,475,000
Powder (lbs.)	101,500,000	50,750,000
Shells	34,200,000	181,107,000
Shrapnel	7,425,000	23,669,000
Comb. Fuzes	12,700,000	34,728,000
Point Det. Fuzes	22,110,000	9,998,000
Base Det. Fuzes	2,375,000	653,000
Trench Warfare Mtl.	2,645,000	6,330,000
Drop Bombs	72,000	1,326,000
Total		\$338,064,000

(Continued on Page 175)



THE SERVICE DEPARTMENT

COMMISSIONED PERSONNEL

MAJOR A. E. GREEN, in charge

Captain R. W. Moore
Captain J. J. Ehrhardt
Captain A. A. Hoffman
First Lieutenant N. S. Sharp
First Lieutenant P. J. Degnon
First Lieutenant J. G. Haworth
First Lieutenant W. C. Russ
First Lieutenant T. E. Haist

First Lieutenant R. N. Fields
First Lieutenant R. B. Litchfield
First Lieutenant L. W. Hulley
Second Lieutenant H. Andrew
Second Lieutenant F. L. Bencoter
Second Lieutenant J. S. Gorsuch
Second Lieutenant C. A. Webster
Second Lieutenant W. P. Stanyan

THE temporary railroad leading into the Aberdeen Proving Ground was hardly completed before a shipment of guns and ammunition arrived to begin the work for which the Proving Ground was originally planned. The first gun was fired on January 2nd. There were no buildings worthy of the name, no roads, no means of communication or transportation. With the exception of dense woods and swamps there was nothing but vast cornfields.

Not long after operations began, it was apparent that much of the valuable time of the officers conducting tests was consumed in doing preliminary work, and in making preparations to fire the guns. This created an insistent demand for an organization capable of co-ordinating all the various activities contributing to the proof work as carried on by the men at that section of the cornfields designated as the "front." It was realized that an organization, to meet the exacting requirements for carrying out the estimated number of tests, should be composed of born optimists with a high degree of resourcefulness and an abundance of enthusiasm. In other words, it should have great flexibility and be able to surmount the many difficulties that arise in the operation of a huge project remote from the usual centers of industry.

To fulfill these requirements, the Service Department was brought into being on March 28, 1918, by General Order No. 15. Major A. E. Greene was placed in charge; Captains R. W. Moore, J. J. Ehrhardt and B. S. Lawyer were appointed to assist him. It was decided that the term "service" was to be used in its broadest sense, and the department soon had under its supervision practically all of the activities of the Proving Ground, with the exception of the administration work, proof work and mili-

tary organization. With the one word "service" as their slogan, the above named officers started in to build up an organization, that would produce results. Because of the scarcity of competent men, and the lack of suitable living conditions, the chief difficulty was to obtain personnel having the required qualifications. To show how well these handicaps were overcome it is necessary only to point to the work accomplished.

At the very outset, it was recognized that the various shops would have to be consolidated so as to be controlled from one central point. In the administrative section was developed a system whereby all the work of all the shops could be planned in advance, the necessary material procured in the quantity and in the order required and delivery of such material made to the proper location, so that work scheduled for a certain time could be done at that time. Because of this arrangement, which brought together the labor and material for a given job at the time and place desired, the work progressed without unnecessary delay or expense, and the important functions of the shops, which previously caused the utmost turmoil, soon operated with largely increased output and with the smooth regularity of an automatic machine. With the addition of an inquisitorial, lynx-eyed Inspection Department to make sure that the work was done properly and at the scheduled time this group of shops became an established and complete organization. Its size, however, did not remain stationary. In fact it grew from an infant industry to such proportions and importance that recently it was detached as an entirely separate unit known as the Shops Department. This body is to-day, under the direction of Captain Shapiro,

(Continued on Page 191)



SHOPS DEPARTMENT

CAPTAIN M. SHAPIRO—In charge

Lieutenant C. E. Fisher.
Lieutenant W. C. Russ.
Lieutenant P. J. Degnon.
Lieutenant A. R. Taylor.

THIS Department was created under General Order No. 79, dated November 6th, 1918, as the result of a re-organization of the departments in existence at the time of the order.

The Department of Shops, although not under that particular name, was conceived early in the making of Aberdeen Proving Ground, and at that time the advisability of vocational training for the enlisted men of the Proving Ground was also contemplated. In conformity with this idea and with the general view in mind of the probable task that the Proving Ground would be called upon to perform, the various shops were designed.

An estimate of the work for the shops was based upon the number of guns that would have to pass through the Proving Ground and the shells and ammunition that would have to be handled in conjunction with all proof and development operations.

Early in April it became apparent that the shops originally laid out would be too small to handle all that had been added by that time to the original work at Proving Ground.

In the latter part of May Captain M. Shapiro, in charge of shops at Sandy Hook Proving Ground, was ordered for permanent duty to Aberdeen for the purpose of laying out new shops that would adequately meet the demands of the Post.

A preliminary study of the shops showed that it would be necessary to take care of fifteen guns a day of all calibres, and in the event of a break-down or stoppage of work for some unforeseen reason, double that number would have to be handled in a single day. In the handling of these guns was considered the necessary operations from the time of receiving them on the Proving Ground to the time of shipping for overseas service.

Machine Shop

A layout of this shop was made with the view to avoiding congestion both in the operation of machinery and the use of the railroad. The building was therefore designed to take six

overhead traveling cranes, two in each aisle or bay. A center aisle was designed to carry two 75-ton cranes, each equipped with a 15-ton auxiliary hoist. The side aisles were designed to carry two overhead cranes each, of 15-ton capacity. The south end of the shop was laid out to accommodate five parallel tracks, so that railroad cars could be moved in from one side of the shop and taken out through the other, or taken out from the side through which they had entered, thus making it possible to handle ten cars at a time in the shop, and permitting star-gauging of large calibre guns without interfering with other work.

An erecting floor was provided between the tracks and the north end of the shop where all the machinery was so arranged as to be able to handle work that might come in either on the railroad or by truck, without the necessity for heavy manual labor. Each machine was placed with reference to the overhead traveling cranes in order that anything suspended from the hook could be placed in the machine directly.

Sufficient erecting floor space was provided to permit of unpacking and packing guns and carriages from the time of receiving to the time of forwarding to the port of embarkation.

A tool room was laid out to admit of a double purpose without interrupting or impairing the work of the shop. It was designed complete in itself, in that it is to have every type of machine suitable for tool making purposes, and at the same time will be so arranged that twenty men can be trained with a view to making machinists of them. This was considered very necessary because of the then existing shortage of labor.

In general the equipment of this Machine Shop, 500 feet long by 140 wide, is so arranged and the building so constructed to facilitate rapid and efficient work on the part of the operators, under the most modern and sanitary conditions.

(Continued on Page 199)



THE FARMERS OF A. P. G.

Commanding Officer:—LIEUTENANT GEORGE E. BLISS

First Sergeant:—SERGEANT G. S. WICE, Co. L.

Company Clerk:—SERGEANT J. B. TURNER, Co. L.

Company Mechanic:—CORPORAL DOLTHIE CANADA, Co. L.

Charge of Field:—CORPORAL CLAIR MEEKER, Co. L.

Charge of Stables:—CORPORAL CHARLES KRUGER, Co. L.

Cooks:—L. A. OHLER, Co. L.

ROBERT L. PROVOST

First Class Privates—

Hornbostel, Edward Co. L
Mowery, Gilbert "
Salitres, Joseph "
Starnes, John "
Turner, R. L. "

Privates—

Anker, Albert "
Bitinger, Roy "

Burke, Wm. J. Co. L
Coene, Richard "
Cole, Hartley "
Cook, Ivan Co. S
Delvicchio, Vito Co. L
Hiller, Joseph Co. L
Inman, James "
Johns, Melvin Co. I
Lionette, Patsy Co. L
Luthie, Noah Co. M

Lee, John Co. S
Markwelder, Arthur Co. L
Mallott, James Co. L
McKay, William Co. L
McNamara, Daniel J. "
Meiss, Ezra "
Miller, William "
O'Brien, Joseph Co. S
O'Toole, John E. Co. L
Ohler, Edward "

Rowe, George Co. L
Rieggs, Rueben Co. L
Schroeder, Ernest "
Schuring, Carl "
Snyder, Henry Co. S
Stachyer, V. Co. L
Travis, Al. C. "
Valche, Charles "
Van Winkle, Louis "
Wills, Leslie "

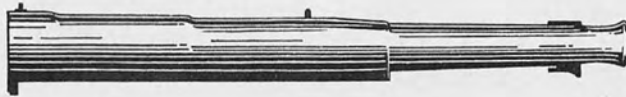
THE "L." have it by 38 to 4 of Company "S," and one man per each of Company "I" and "M." Eighty-six and a fraction per centum of the 44 farmers are members of Company "L," and owe allegiance to Captain Farrelly. But Lieutenant George E. Bliss, C. O. on the spot, is representative of Captain Weidmann, Q. M., who is Farmer in Chief of A. P. G.—which makes the merry lads of the plough-share Q. M. C.'s by proxy. A terrible state of affairs, one would think, to be thus simultaneously in two corps. But it doesn't seem to affect the health of the farmers one bit.

Way back in the middle of summer Lieutenant Harris—since ordered overseas—took charge of the farm at Old Baltimore. The original command consisted of ten men, shortly

after recruited to approximately its present strength. Under Lieutenant Harris 100 acres were cultivated, to the tune of 110 bushels per acre of superfine spuds. A little garden patch contributed its bit—over twenty tons of truck. 115 acres of hay fell before the sickles of the gleaners. In peach season half the agriculturists hied themselves to Poole's Island and, during the month of picking, managed to crate a crop of over 4000 bushels.

Lieutenant Jones, C. O. at Old Baltimore, succeeding Lieutenant Harris, held office for little over a week. Lieutenant George E. Bliss, in office today, has managed to sow over 800 acres with wheat and plough under another 100 acres.

The Farmers have done their bit.





Who's Who Among the Officers

- ALDWORTH, EDWARD L., Electrical Engineer. Graduate of Yale University 1913. Enlisted Grand Rapids, Michigan, April 5, 1918. Commissioned Second Lieutenant Ordnance Department October, 1918.
- ANDREN, OLOF E., Civil Engineer, Enlisted March 3, 1918, Raritan Arsenal Metuchen, New Jersey. Commissioned Second Lieutenant Ordnance Department September 10, 1918.
- ANDREW HAROLD, Highway Engineer, Enlisted March 8, 1918, Columbus Barracks, Ohio. Commissioned Second Lieutenant Ordnance Department September 13, 1918.
- ANTELL, TRISTAN, Civil Engineer, Graduate Cornell University. Enlisted July 21, 1917. Plattsburg, New York. Commissioned First Lieutenant Ordnance Department November 25, 1917.
- ANDERSON, GEORGE E., Chemist. Training for ordnance Supplies Service at University of Chicago. Enlisted July 27, 1917, San Antonio Arsenal, Texas; Commissioned Second Lieutenant Ordnance Department September 1, 1918.
- AYMOND, SIDNEY C., Veterinary Surgeon. Graduate of United State College of Veterinary Surgeons; Commissioned Second Lieutenant August 8, 1917; promoted to First Lieutenant January 11, 1918; to Captain, July 26, 1918.
- AMBLER, SAMUEL S., Enlisted December 12, 1917. New Haven, Connecticut. Commissioned Second Lieutenant Ordnance Department August, 1918.
- ALSDORF, GEO. W., Mining Engineer; Graduate Ohio State University; Enlisted October 2, 1917; Camp Funston, Kansas; Commissioned Second Lieutenant Ordnance Department, August 15, 1918.
- ARMISTEAD, GEORGE HARRISON, JR., Lawyer; Graduated A. B. and LL. B., Vanderbilt University; Enlisted March, 1918, Fort Oglethorpe, Ga.; Commissioned Second Lieutenant Ordnance Department, August 16, 1918.
- ALGER, PHILIP L., Graduate B. S. A. M., St. Johns College. Commissioned Second Lieutenant Ordnance Department, November 20, 1917; promoted First Lieutenant, September 12, 1918.
- AKERS, CHAS. WM., Mechanical Engineer. Sophomore year in Vanderbilt University. Nashville, Tennessee; Enlisted May 12, 1917. Fort Oglethorpe, Georgia; Commissioned Second Lieutenant August 15, 1917, Ordnance Department.
- ABBOTT, WILLIAM L., Graduate Metallurgical Engineer, Carnegie Institute of Technology; Enlisted 1917, Springfield, Massachusetts; Commissioned First Lieutenant Ordnance Department August 6, 1917.
- ABBEY RAYMOND C., Graduate Trinity College, Hartford, Connecticut. Attended Plattsburg Training Camp 1916; Reserve Officers Training Camp 1917. Enlisted September 23, 1917 at Pittsfield, Massachusetts; Commissioned First Lieutenant Ordnance Department January 1, 1918.
- BUSHNELL, SAMUEL K., Graduate Yale College, 1914, B. A., and Yale Sheffield Scientific School, 1915, Ph.B. Commissioned First Lieutenant July 20, 1917; entered active service October 10, 1917.
- BURCHARD, ALLAN E., Graduate Yale Sheffield Scientific School; entered service June 19, 1916; appointed First Lieutenant August 15, 1917.
- BROOKS, JOHN A. JR., graduated from West Point Military Academy as Second Lieutenant C. A. C. June 12, 1914; promoted to First Lieutenant C. A. C., July 1, 1916; promoted to Captain C. A. C. August, 1917. Transferred as Captain to Ordnance Department December 1917, and promoted to Major, Ordnance Department, January 1918.
- BUDDE, OTTO C., graduate Case School of Applied Science 1912 entered service September 22, 1917; appointed Second Lieutenant December 31, 1917.
- BREUNINGER, HENRY L., Mechanical and Civil Engineer. Entered service February 1, 1918; appointed First Lieutenant November 7, 1918.
- BOLEY ERNEST W., graduate Case School of Applied Science, B. S., 1914. Commissioned First Lieutenant June 15, 1917; appointed Captain January 12, 1918.
- BLACKWELL, EDWARD C., M. D. Graduate Chicago University 1912. Appointed First Lieutenant M. R. C. September 11, 1917.
- BARTON, R. L., graduate B. S., 1909 and M. E., 1915, Purdue University. Commissioned



Captain G. H. Baker, Lieutenant H. Herman, Lieutenant C. C. Corkran, Lieutenant I. Van Haften, Lieutenant M. E. Darby

as First Lieutenant February, 1918. Entered service January 16, 1918.

BOOTH, NEIL S., Graduate De Pau University, 1915, A. B. Appointed First Lieutenant August 15, 1917, from Ordnance Training School.

BERSINGER, CHARLES E., Civil and Mining Engineer. Graduate Pennsylvania State College; enlisted at Columbus, Ohio, December 6, 1917; attended Ordnance Engineering School this Post. Commissioned Second Lieutenant Ordnance Department, October 25, 1918.

BRIDDELL, WILLIAM C., Chemical Engineer. Three year course Baltimore City College, 5 year course University of Pennsylvania. Enlisted February 14, 1918, at Washington, D. C. Commissioned Second Lieutenant Ordnance Department, U. S. A., October 25, 1918.

BUFFINGTON, MALCOLM R. Graduate Bucknell University. Enlisted March 15, 1918, at Columbus, Ohio. Attended Ordnance Engineering School. Commissioned Second Lieutenant Ordnance Department October 25, 1918.

BREEDEN HAROLD R., Municipal Contractor. Attended Beloit College. Enlisted at Great Falls, Montana, March 6, 1918. Attended Ordnance Engineering School, receiving commission as Second Lieutenant Ordnance Department, October 21, 1918.

BRADY, WALTER L., Attorney-at-Law. Graduate in law St. Louis University, 11½ years in Engineering. Enlisted at Washington, D. C., February 1, 1918. Attended U. S. Reserve Officers' Training Camp at Fort Riley, Kansas, for 2½ months. Commissioned Second Lieutenant Ordnance Department October 22, 1918.

BENNETT, WILMURT A., Mechanical Engineer. Graduate Cornell University. Served 11½ years in Georgia N. G. Commissioned Second Lieutenant Ordnance Department, September 16, 1918.

BLISS, George R., Mechanical Engineer. Attended Cornell University. Member Pennsylvania N. G. 1902-3. Commissioned First Lieutenant, Ordnance Department, August 2, 1917.

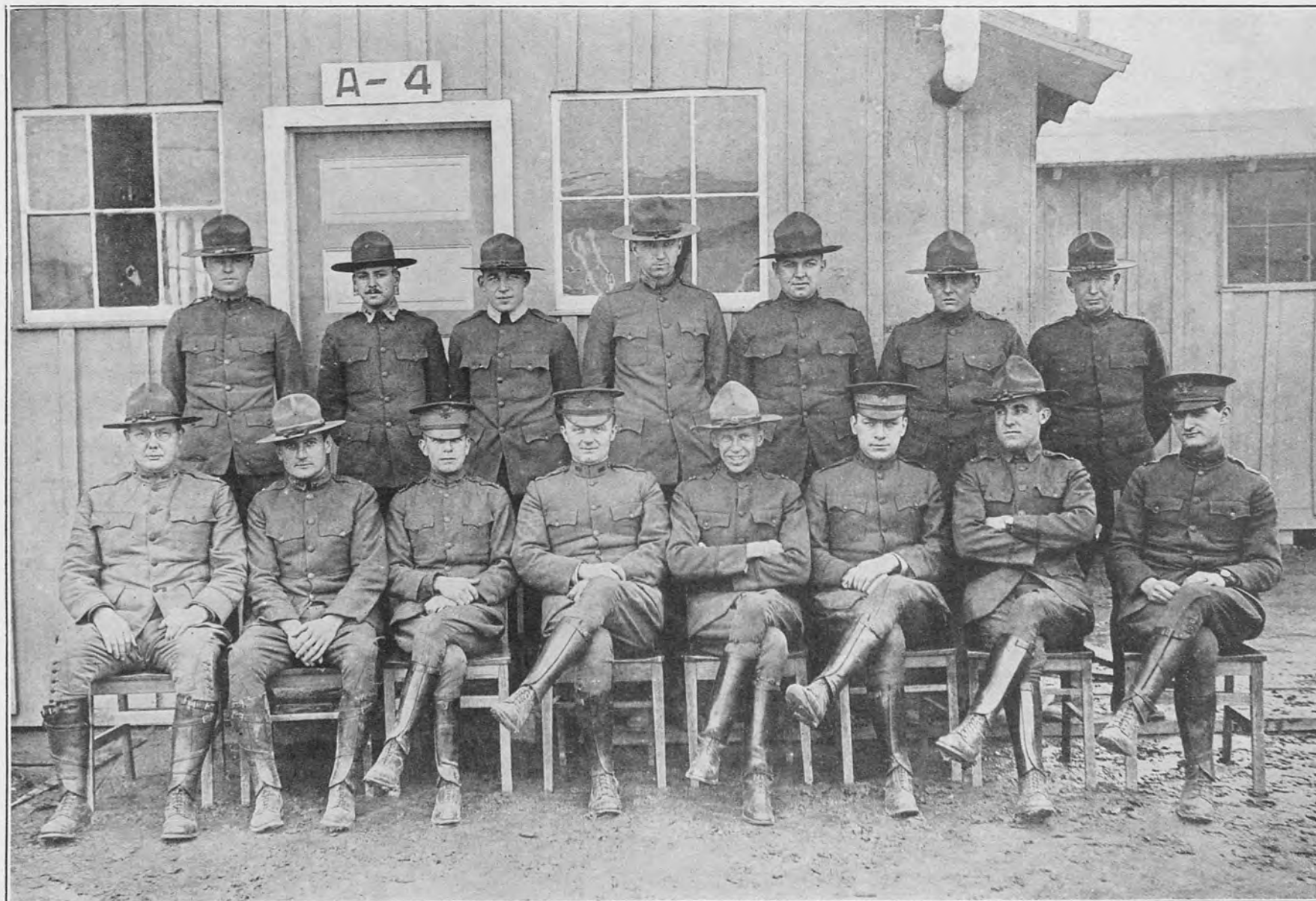
BELT, D. B., Editor and Publisher. Graduate Ohio State University. Enlisted August 16, 1917. Commissioned Second Lieutenant Aviation Section, May 16, 1918.

BATCHELDER, K., One and one-half years Stanford University, California. Enlisted at San Francisco April 23, 1918. Commissioned Second Lieutenant Ordnance Department, September 3, 1918.

BRACKEN, RAYMOND C., Graduate Harvard University. Enlisted at Columbus, Ohio, November 21, 1917. Commissioned Sec-



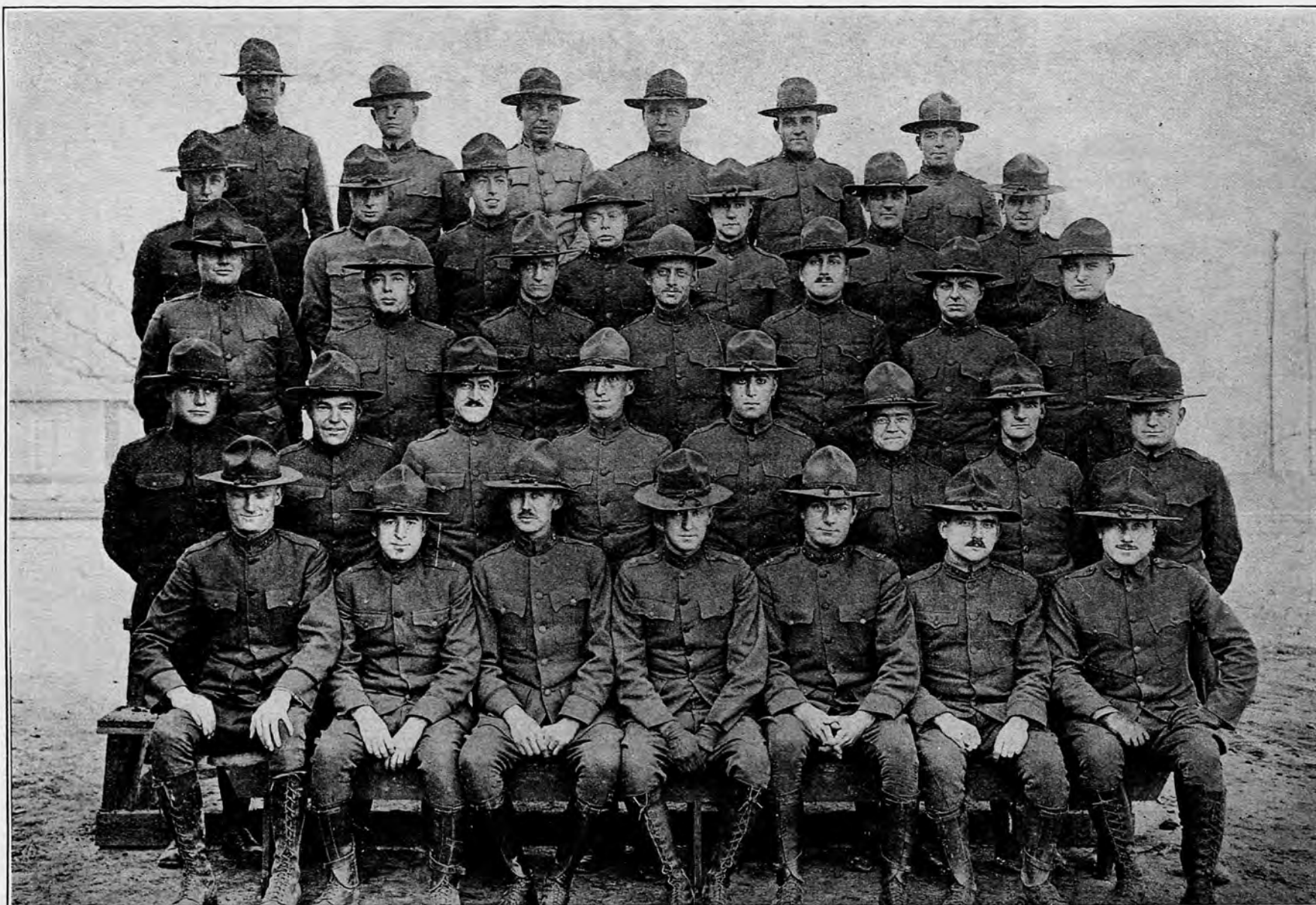
- ond Lieutenant Ordnance Department, July, 1918.
- BUTLER, HERBERT F., Civil Engineer. Graduate Columbia University. Enlisted at Fort Myer, Va., December 14, 1917. Trained at Ordnance Engineering School. Commissioned Second Lieutenant Ordnance Department, July 19, 1918.
- BERG, HENNING J., Engineer. Massachusetts Institute of Technology., B. S., M. E. Enlisted at San Francisco, California, November 9, 1918. Commissioned Second Lieutenant Aviation Section, December 26, 1918.
- BELL, HOLLIS W., Manufacturing Jeweler. Enlisted January 21, 1918. Promoted to Corporal May 8, 1918. Commissioned Second Lieutenant Ordnance Department, August 12, 1918.
- BRADLEY, CHARLES E., University graduate. Enlisted at Chicago, Illinois, May 10, 1917. Promoted to Second Lieutenant Aviation Section, February 18, 1918.
- BENNETT, JOHN C., A. B. Specialized Chemist. Enlisted at Princeton, New Jersey, December 8, 1917. Promoted to Second Lieutenant Ordnance Department, May 16, 1918.
- BROWN, ERNEST G., Mechanical Engineer. Graduate Yale University, 1916. Enlisted at Washington, D. C. February 20, 1918. Commissioned Second Lieutenant Ordnance Department, July 19, 1918. Attended Ordnance Engineering School.
- BROWN, HERBERT C., Graduate Greenville College, 1917. Commissioned Second Lieutenant Ordnance Department, December 28, 1917. Entered service, January 5, 1918.
- BARKER, SAMUEL G., Graduate Sheffield Scientific School, Yale. Enlisted at Madison Barracks, New York, May 14, 1917. Attended Reserve Officers Training Camp. Commissioned First Lieutenant Ordnance Department, August 13, 1917.
- BARBER, W. P., JR. B. S. Trinity College, 1913; A. M. Cornell University, 1914. Associate Acturial Society of America. One and one-half years National Guard. Attended Plattsburg Training Camp 1917. Commissioned Second Lieutenant November 27, 1917.
- BAKER, G. HAROLD. Business College 1906. Tome School, 1904; Dickinson College, 1910; A. M. 1911. Attended Plattsburg Training Camp 1916. Attended Second Training Camp, Fort Myer, Va. Commissioned First Lieutenant Ordnance Department, November 27, 1917. Promoted to Captain, June 28, 1918.
- BANDHOLTZ, C. H., Graduate U. S. Military Academy. Appointed Second Lieutenant Infantry, June 13, 1914. Promoted First Lieutenant Infantry, July 1, 1917. Promoted to Captain Infantry, May 15, 1917. Promoted to Major, Ordnance Department, January 21, 1918.
- BURNS, WARREN W., Electrical Engineer. Graduate of Iowa State College. Enlisted December 14, 1917. Commissioned Second Lieutenant Ordnance Department, August 16, 1918.
- BARROE, FRANCIS L. Entered service February 16, 1918, at Aberdeen Proving Ground, Maryland. Commissioned First Lieutenant, Ordnance Department, February 13, 1918.
- BURLING, JOHN J., Graduate of Stevens Institute of Technology. Entered service, January 16, 1918, at Sandy Hook Proving Ground, New Jersey. Commissioned Captain, Ordnance Department, December 6, 1917.
- BOILEAU ARTHUR H., Graduate of Iowa State College. Enlisted December 14, 1917, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, October 24, 1918.
- BINGHAM, GEORGE C., Graduate of Pratt Institute. Enlisted, March 12, 1918, at Newark, New Jersey. Attended Ordnance Training School. Commissioned Second Lieutenant, Ordnance Department, October 25, 1918.
- CORKRAN, CEYLON C., Four years Virginia Mechanics Institute, Richmond, Virginia. Enlisted, October 24, 1918, Philadelphia, Pa. Commissioned First Lieutenant, Ordnance Department, October 24, 1918.
- CARMICHAEL, FITZHUGH L., A. B. and M. A., University of Alabama, also M. A. University of Princeton. Enlisted May 28, 1918, Aberdeen Proving Ground, Maryland. Commissioned Second Lieutenant, Ordnance Department, October 24, 1918.
- CHRISTMAN, GEORGE. Graduate of Tufts Dental College. Enlisted June 27, 1917, Cambridge, Massachusetts. Commissioned First Lieutenant Medical Reserve Corps, June 27, 1918.



Standing:—Lt. M. E. Darby, Lt. O. E. Andren, Lt. W. P. Rathell, Lt. P. O. Potts, Lt. R. W. Laird, Lt. R. E. Park, Lt. L. C. Wagner.
Seated:—Lt. C. C. Cockran, Lt. H. H. Herman, Capt. J. B. Hendrick, Jr., Major C. H. Bandholtz, Capt. G. H. Baker, Lt. H. K. Eilers, Lt. E. A. McGuire, Lt. D. Plessett.



- CHAPMAN, ISAAC A. Graduate of New York University, 1914; B. S. University of Pennsylvania, 1916, M. A. Enlisted December 29, 1917, Washington D. C. Commissioned Second Lieutenant, Ordnance Department, December 29, 1917.
- COVELL, EDWARD H. Three years and three months Lehigh University. Graduate Training School Aberdeen Proving Ground, September 4, 1918. Enlisted Washington Barracks, May 25, 1918, Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, September 4, 1918.
- COLLINS, LYMAN I. Missouri University. Enlisted March 22, 1918, Portland, Maine. Commissioned Second Lieutenant, Signal Corps, July 18, 1918.
- CHASE, DAVID THAYER. Two and one-half years University of Colorado. Enlisted May 31, 1918, at Denver, Colorado. Commissioned Second Lieutenant, October 3, 1918.
- CLARK, MILFORD H., JR. Graduate of Massachusetts Agricultural College, 1907 B. S. Enlisted August 16, 1917. Commissioned First Lieutenant, Ordnance Department, August 8, 1918.
- CULVER, RAYMOND D. Graduate of Rensselaer Polytechnic Institute. Enlisted October 10, 1917, Sandy Hook Proving Ground. Commissioned First Lieutenant, June 1, 1918.
- COLE, FREDERICK L. Mining Engineer. Graduate University Cambridge, Massachusetts, B. S. Enlisted December 14, 1917, at Spokane, Washington. Commissioned Second Lieutenant, Ordnance Department, July 29, 1918.
- COLYER, JOSEPH H., JR. Assigned September 1, 1917, Washington, D. C. Commissioned Captain, Ordnance Department, August 22, 1917. Promoted to Major July 31, 1918.
- COLLINSON, JOHN. Physician. Graduate Johns Hopkins Medical School, Baltimore. A. B. St. Johns Military School, Annapolis. Assigned February 23, 1918, Aberdeen Proving Ground. Commissioned First Lieutenant, Medical Detachment, December 1, 1917.
- CLARKE, BERTRAND R. Graduate Williams College, Williamstown, Massachusetts. Enlisted June 22, 1918, Aberdeen Proving Ground, Maryland. Commissioned Captain, Ordnance Department, June 22, 1918.
- CAMPBELL, GRANT. Graduate M. E. Stevens Institute of Technology. Assigned November 21, 1917, Sandy Hook Proving Ground. Commissioned Major, Ordnance Department, November 9, 1917.
- CRYDER, H. C. Graduate of Columbia College. Enlisted June 5, 1917, New York. Commissioned First Lieutenant June 5, 1917, Captain, August 11, 1917, Ordnance Detachment.
- COUPER, HAROLD W. Mechanical Engineer. Graduate Washington University, St. Louis, Missouri. Enlisted August 27, 1917, Fort Sheridan, Illinois. Commissioned Second Lieutenant, November 27, 1917, Ordnance Department. Promoted to First Lieutenant, Ordnance Department, September 12, 1918.
- COOLIDGE, SIDNEY. Graduate B. S. Harvard College, June, 1915. Enlisted May 13, 1917, Presidio, San Francisco. Commissioned First Lieutenant, Ordnance Detachment, August 15, 1917.
- CARMICHAEL, ELWOOD T. Sales Engineer. Graduate Lehigh University, South Bethlehem, Pennsylvania. Enlisted December 14, 1917, Fort Slocum, New York. Commissioned Second Lieutenant, Ordnance Detachment, October 24, 1918.
- DAVIS, ELMER N. Veterinarian. Three years college. Enlisted October 27, 1918, Camp Greenleaf, Georgia. Commissioned Second Lieutenant, Ordnance Detachment, October 27, 1918.
- DARBY, MARSHALL E. Enlisted Aberdeen Proving Ground, Maryland. Commissioned Second Lieutenant, Ordnance Detachment, July 19, 1918. Enlisted June 14, 1914, Infantry; December 7, 1917, E. O. C. N. A. Served on Mexican border.
- DAVIS, DALPHIN A. Mechanical Engineer. Enlisted July 30, 1917. Aviation Section, Baltimore, Maryland. Commissioned Second Lieutenant, May 30, 1918.
- DREXEL, ANTHONY J., JR. Graduate of Eton College, Windsor, England. Enlisted May 14, 1917, New York City. Commissioned Second Lieutenant, Ordnance Department, February 16, 1918. Promoted to First Lieutenant, September 12, 1918.
- DUNMIRE, RUSSELL P. Attended Carnegie Institute of Technology. Enlisted February 25, 1918, at Irwin, Pennsylvania. Commissioned Second Lieutenant, Ordnance Detachment, August 13, 1918.
- DUFF, WILLIAM P. Mechanical Engineer. Six years in Mechanical Engineering. One year, day; five years, night, at Carnegie Institute of Technology, Pittsburg, Pennsylvania. Enlisted Sandy Hook Proving Ground, New Jersey, August 25, 1917.



First Row:—Lieutenant C. E. Bersinger, Lieutenant I. Everit, Lieutenant Zierleyn, Lieutenant R. H. Williams, Lieutenant E. F. Page, Lieutenant E. T. Carmichael.
 Second Row:—Lieutenant R. D. Culver, Lieutenant E. H. Covell, Lieutenant W. L. Brady, Lieutenant W. C. Briddell, Lieutenant R. C. Bracken, Lieutenant M. H. Masland, Lieutenant C. E. Wheeler.
 Third Row:—Lieutenant George Mitchell, Lieutenant H. R. Breeden, Lieutenant W. A. Bennett, Lieutenant W. J. Evans, Lieutenant H. W. Bell, Lieutenant E. D. Goldsmith, Lieutenant E. G. Brown.
 Fourth Row:—Lieutenant B. A. Field, Lieutenant P. M. Hart, Lieutenant J. G. Rowe, Jr., Lieutenant O. C. Budde, Lieutenant A. A. Treuhart, Lieutenant G. W. Gingham,
 Lieutenant J. A. Stevenson, Lieutenant W. M. Sharp.
 Fifth Row:—Lieutenant W. A. Ware, Lieutenant R. L. Young, Lieutenant F. E. Fish, Major James Fullam, Captain C. Lovejoy, Lieutenant George Hamill, Lieutenant F. W. Royer.



- Commissioned Second Lieutenant Ordnance Detachment, December 12, 1917. Promoted to First Lieutenant, September 12, 1918.
- DICKENSON, GEO. S. Graduate of Yale University. Served on Mexican Border 1916; Plattsburg Second Camp, 1917. Commissioned First Lieutenant, Ordnance Detachment, September, 1917.
- DICKSON, CHARLES HUGH, JR. Mechanical Engineer. Graduate of Stevens Institute of Technology. Entered service September 24, 1917, Sandy Hook Proving Ground, New Jersey. Commissioned First Lieutenant, Ordnance Department, August 6, 1917.
- DERBY, CHARLES F. Construction Engineer. Entered Service January 5, 1918, at Camp Lee, Virginia. Commissioned First Lieutenant August 11, 1917; promoted to Captain, Ordnance Department, January 5, 1918.
- DEGNON, PHILIP J. Electrical Engineer. Graduate Manhattan College 1910. Entered Service January 24, 1918, Washington. Commissioned First Lieutenant, Ordnance Department January 24, 1918.
- DAWSON, CARROLL H. Enlisted August 22, 1917, Philadelphia, Pennsylvania. Commissioned First Lieutenant Ordnance Department, December 26, 1917.
- DOWST, HENRY, JR. Civil Engineer. Graduate Massachusetts Institute of Technology. Entered Service September 16, 1918. Commissioned Second Lieutenant Ordnance Detachment, September 12, 1918.
- DODGE, CHARLES E. Construction Engineer. Graduate Massachusetts Institute of Technology. Entered Service January 19, 1918, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, December 20, 1917.
- DEWITT, HARRY A., Mechanical Engineer. Graduate of Cornell University. Entered service September 25, 1917, Washington, D. C. Commissioned First Lieutenant, Ordnance Department August 15, 1917.
- DANIELS, ALBERT, JR. Entered Service August 14, 1917, Massachusetts. Commissioned Second Lieutenant A. S. S. R. C., May 16, 1918.
- DILLARD, SAMUEL MOORE. Mechanical Draftsman. Enlisted December 13, 1917, Columbus Barracks, Ohio. Commissioned Second Lieutenant, Ordnance Department, September 5, 1918.
- ERDLITZ, FRANK J. Physician. Entered Service March 17, 1918. Commissioned First Lieutenant Medical Department, March 17, 1918.
- EVANS, BOYD V. Mechanical Engineer. Graduate University of Michigan. Entered Service August 9, 1917, Sandy Hook Proving Ground, New Jersey. Commissioned First Lieutenant, Ordnance Department, July 2, 1917.
- EVERITT, ISAAC. Commercial Engineer. Graduate of Lafayette College. Enlisted May 13, 1918, Aberdeen Proving Ground, Maryland. Commissioned Second Lieutenant, Ordnance Department August 21, 1918.
- EATON, HENRY E. Graduate of Harvard University in 1912. Attended Ordnance Supply School at Chicago University; Supply School at San Antonio Arsenal. Entered service January 21, 1918. Commissioned Second Lieutenant, Ordnance Detachment, January 21, 1918.
- EILERS, H K. Electrical Engineer. Graduate Columbia University, 1913. Entered service November 23, 1917, Sandy Hook Proving Ground, New Jersey. Commissioned First Lieutenant, Ordnance Department, November 23, 1917.
- EHRHARDT, John J. Graduate Stevens Institute, 1913. Entered Service October 1, 1917. Sandy Hook Proving Ground, New Jersey. Commissioned First Lieutenant, Ordnance Detachment, October 1, 1917; promoted to Captain, Ordnance Detachment, September 15, 1917.
- EBY, VALENTINE V. Construction Engineer. Graduate of Iowa State College, 1909. Entered Service at Officers Training Camp. Fort Sheridan, August 27, 1917. Commissioned First Lieutenant, Ordnance Detachment, November 27, 1917.
- EVANS, WALTER J. Mechanical Engineer. Graduate of Ohio Northern University. Enlisted December 15, 1917, Fort Myer, Va. Commissioned Second Lieutenant, Ordnance Department August 13, 1918.
- ELLIOTT, ARTHUR D. Chemist. Entered Service December 10, 1917, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, November 21, 1917.
- FARIES, WALTER R. Graduate of Haverford College, 1916. Two years at University of Pennsylvania. Enlisted March 1, 1918, at Philadelphia, Pennsylvania. Commissioned Second Lieutenant, Ordnance Detachment, October 23, 1918.
- FERGUSON, HARRY, Graduate West Virginia University, 1916. Enlisted April 10, 1918, at Columbus Barracks, Columbus, Ohio. Commissioned Second Lieutenant, Ordnance Detachment, September 11, 1918.



First Row—Lt. George Anderson, Lt. D. W. Tylee, Lt. H. Lee. Second Row—Lt. H. E. Littleford, Lt. Sam Ambler, Lt. C. H. Mount.
 Third Row—Lt. H. MacGregory, Lt. W. K. Fitch, Lt. R. E. Kennedy, Lt. C. M. Ogden, Lt. H. J. Moon.
 Fourth Row—Lt. N. M. Perris, Lt. G. S. Dickinson, Lt. F. T. Lane, Lt. G. J. Lauter, Lt. Floyd Mehroff, Lt. C. E. Koch, Lt. P. M. Hatch.
 Fifth Row—Capt. R. H. Williams, Capt. H. C. Strohm, Major A. Loomis, Capt. A. R. Pollard, Capt. George Dickson.





FIELD, BURTON A., Graduate of University of Vermont, 1912. Entered service January 5, 1918, at Camp Devens, Mass. Commissioned Second Lieutenant, Ordnance Department, June 1, 1918.

FARRELLY, THEODORE S. Graduate of Harvard University. 10 years military experience. Entering service in July 16, 1917, at New York City. Commissioned Captain, Ordnance, July 10, 1918.

FRENCH, SETH B., Graduate of Yale University. Entered service September 9, 1917, at Kenosha, Wisconsin. Commissioned Second Lieutenant, Ordnance Detachment, July 30, 1918; promoted to First Lieutenant September 9, 1918.

FOUST, SAMUEL M., Machinist. Entered service September 12, 1918, at Washington, D. C. Commissioned First Lieutenant, Ordnance Detachment, September 12, 1918.

FREEMAN, HOVEY T., Electrical Engineer. Graduate of Massachusetts Institution of Technology. Entered service, September 27, 1917, at Sandy Hook Proving Ground, New Jersey. Commissioned Captain January 8, 1918.

FITCH, WILLIAM K., Graduate of Yale in 1910. University of Wisconsin, 1913. Attended Ordnance Engineering School, Aberdeen, Maryland. Entered service October 13, 1917, at New York City. Commissioned First Lieutenant, Ordnance Department, September 15, 1918.

FISH, FRED E., Civil Engineer. Graduate of University of Maine, 1912. Officers Training Camp, Plattsburg. Entered service, December 29, 1917, at Sandy Hook Proving Ground, New Jersey. Commissioned First Lieutenant, Ordnance Department, December 11, 1917.

FULLAM, JAMES EDSON, Graduate University of Vermont. One and one-half years with First New York Cavalry. Entered service August 1, 1917, at Sandy Hook Proving Ground, New Jersey. Commissioned Captain, Ordnance Department, May 16, 1917. Promoted to Major July 31, 1918.

GALAJIKIAN, HAIG, A. B., M. A., Ph. D. Graduate Cornell and Princeton Universities. Consulting Engineer. Entered service November 17, 1917, at Washington Barracks, Washington, D. C. Attended Ordnance Engineering School, Aberdeen Proving Ground, Maryland. Promoted to Sergeant First Class February 1, 1918. Appointed Second Lieutenant October 30, 1918.

GRIFFITH, E. L., Attended Temple University. Appointed Second Lieutenant February 12, 1917. Entered service December 17, 1917, at Washington, D. C. Lieutenant Griffith died at his home in Philadelphia, Pa., in October, 1918, from an attack of influenza.

GREENE, A. E., Mechanical Engineer. Graduate Lehigh University. Appointed Major September 4, 1917. Entered service January 27, 1918.

GORSUCH, JAS. S., Civil Engineer. Graduate Maryland State College and Johns Hopkins University. Previous service. Cadet Captain Maryland State College, 1908-09. Entered service December 15, 1917, at Aberdeen Proving Ground, Maryland. Attended Ordnance Engineering School, Aberdeen Proving Ground, Maryland. Appointed Second Lieutenant August 14, 1918.

GRANT, T. B., Electrical Engineer. Attended Pratt Institute, Brooklyn, New York Graduate Brooklyn Polytechnic Institute, Brooklyn, New York. Entered service December 14, 1917, at New York City, N. Y. Attended Ordnance Engineering School, Aberdeen Proving Ground, Maryland. Appointed Second Lieutenant September 6, 1918.

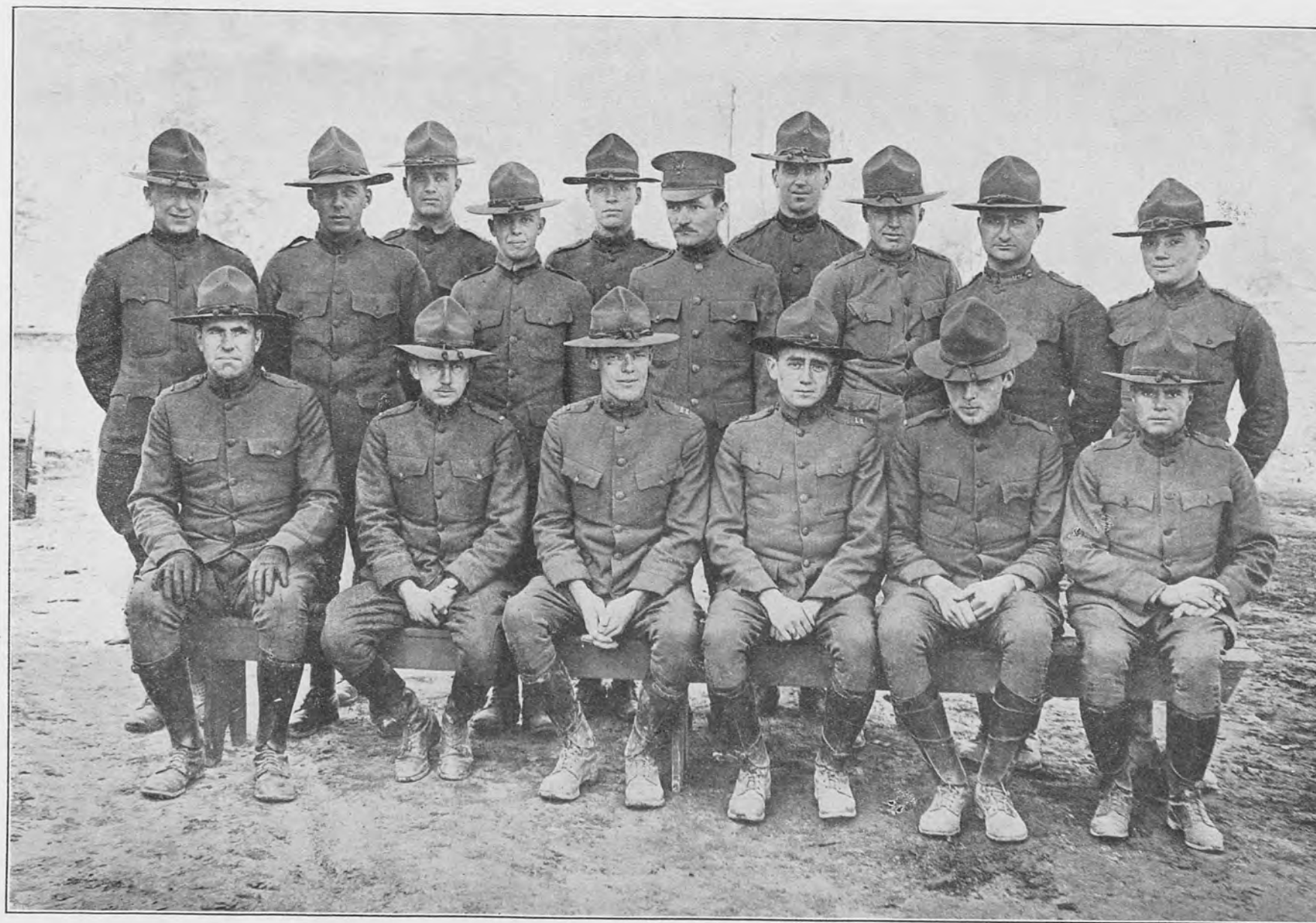
GOLDSMITH, E. L. Chemical Engineer. Graduate University Washington, Seattle, Washington. Entered service October 17, 1917, at Camp Lewis, Washington. Attended Ordnance Engineering School, Aberdeen Proving Ground, Maryland. Appointed Second Lieutenant August 13, 1918.

GREER R. C., Civil Engineer. Graduate University of Pittsburg. Previous service 2 years at Howe Military Academy. Entered service October 19, 1917, at Washington Barracks. Promoted to Sergeant of Ordnance, February 4, 1918. Attended Ordnance Engineering School, Aberdeen Proving Ground, Maryland. Appointed Second Lieutenant July 19, 1918.

GORDON, C. C. Graduate U. S. Naval Academy, Class 1911. In U. S. Navy from 1911 to 1914. Entered service as Captain U. S. Infantry N. G., April 25, 1916, at Elizabeth, New Jersey. Appointed Major February 7, 1918.

GREEN, J. L. Civil Engineer. Graduate Cornell University. Entered service July 26, 1917, at Chicago, Illinois. In charge of Ordnance School University of California. November, 1917, to May, 1918. Appointed Second Lieutenant January 7, 1918.

GROBSTEIN, ALBERT. Chemical Engineer. Attended Carnegie Institute of Technology. Entered service November 28,



First Row—Lieutenant L. C. Wagner, Lieutenant E. F. Merrill, Lieutenant L. E. Wilson, Lieutenant F. C. Thorpe, Lieutenant A. B. Johnston,
Lieutenant F. L. Carmichael, Lieutenatn H. C. Manning, Lieutenant F. L. McCartney, Lieutenant H. Galijikian, Lieutenant A. Grobstein.
Seated—Lieutenant H. C. Brown, Lieutenant A. D. Elliott, Captain W. W. Woodruff, Captain H. B. Taylor, Lieutenant P. L. Alger, Lieutenatn V. V. Eby.



Captain E. W. Boley, Lieutenant R. G. Hunt, Captain H. L. White, Lieutenant P. A. Porter, Lieutenant W. L. Abbott

1917, at Washington, D. C. Attended Ordnance Engineering School, Aberdeen Proving Ground, Maryland. Appointed Second Lieutenant August 31, 1918.

HIGGINS, G. L., Physician. M. D. University of Maryland. Entered service as First Lieutenant March 20, 1918, from Army Medical School.

HENDRICK, J. B., JR., Mechanical Engineer. Rensselaer Polytechnic Institute. Attended Culver Military Academy for three years. Entered service August 9, 1917. Commissioned First Lieutenant July 2, 1917. Promoted to Captain January 22, 1918.

HATCH, P. M. Electrical Engineer. Graduate Tufts College. Entered service January 10, 1918, at Washington, D. C. Commissioned First Lieutenant January 21, 1918.

HARTMAN, ARNOLD. Attended Staunton Military Academy. Previous Military service, 8 years, N. G. Entered service August 15, 1917, at Fort Oglethorpe, Ga. Commissioned Second Lieutenant August 15, 1917.

HASELTON, P. H. Mechanical Engineer. Graduate Cornell University. Entered serv-

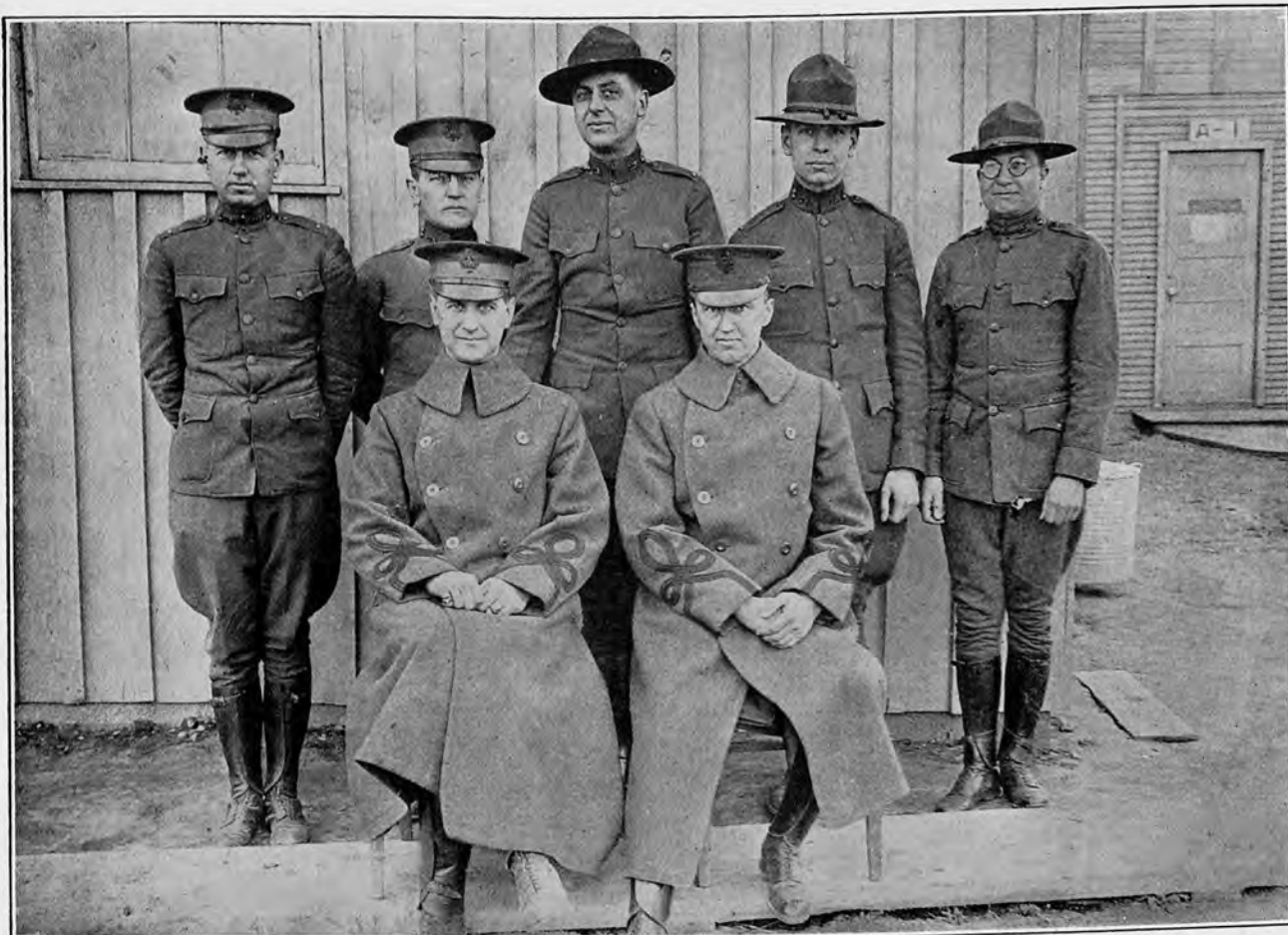
ice as Second Lieutenant January 28, 1918, at Washington, D. C.

HART, P. M. Electrical Engineer. Graduate University of Illinois. Entered service August 27, 1917, attending Second Officers Training Camp at Fort Sheridan, Illinois. Commissioned Second Lieutenant November 27, 1917.

HALL, A. E. B. Mechanical Engineer. Graduate Massachusetts Institute Technology. Previous military experience, 1 year, Cadet College. Entered service as First Lieutenant January 25, 1918, at Aberdeen Proving Ground, Maryland.

HEARN, J. L. Attended High School and 2 years college work. Entered service December 15, 1917, at Fort Myer, Virginia. Commissioned Second Lieutenant October 24, 1918.

HAVILAND, THEODORE Z. Mechanical Engineer. Graduate Massachusetts Institute of Technology. Entered service December 13, 1917, at New Haven, Connecticut. Commissioned Second Lieutenant from Ordnance Engineering School August 31, 1918.



Lieut. H. D. Vaughn, Capt. T. B. M. Terhune, Lieut. A. L. Story, Lieut. P. E. Thomas, Lieut. J. S. Gorsuch
Seated—Major J. H. Colyer, Major F. J. O'Hara.

HARDCASTLE, PRESTON R. Electrical Engineer. Attended Drexel Institute, Philadelphia, Pennsylvania. Entered service December 14, 1917, at Washington, D. C. Commissioned Second Lieutenant from Ordnance Engineering School August 16, 1918.

HAHN, C. V. Mechanical Engineer. Graduate University of Pennsylvania. Military experience Commanding Co. "K", Second Regiment, Ordnance Training Camp, Georgia. Entered service December 27, 1917, at Washington, D. C. Commissioned First Lieutenant December 22, 1917.

HULLEY, L. W., Electrical Engineer. Four year course at University of Virginia. Eight years experience with New York Telephone Co. Entered service October 21, 1918, at Aberdeen Proving Ground. Commissioned First Lieutenant October 16, 1918.

HUNT, R. F. Graduate Middlebury College, Class of 1910. Entered service November 22, 1917, at Washington, D. C. Previous service Connecticut Coast Artillery, 1905-

06. Commissioned First Lieutenant November 13, 1917.

HOUGH, WM. M. Correspondent, Salesman, Assistant Production Manager. Attended Germantown Academy. Previous experience Field Artillery, and 3 months Officers Training Camp. Entered service November 28, 1917, at Fort Myer, Virginia. Commissioned Second Lieutenant November 28, 1917. Promoted to First Lieutenant September 12, 1918.

HAWORTH, JAMES G. Mechanical Engineer. Attended Purdue University. Entered service November 8, 1918, at Aberdeen Proving Ground. Commissioned First Lieutenant Ordnance Department, October 29, 1918.

HOFFMAN, A. A. Graduate University of Kansas. Entered service October 25, 1918, at Aberdeen Proving Ground. Commissioned Captain October 25, 1918.

HAIST, THOS. E. Attended Northwestern University. Entered service May 15, 1917. Private First Class Illinois Field Artillery.



Commissioned First Lieutenant November 27, 1917.

HERMAN, HENRY JR. Attended public and high schools, New York City. Previous Military Experience, eight years N. Y. N. G. Entered service as First Lieutenant October 7, 1918.

HOWARD, JOHN W. Civil Engineer. Attended Rensselaer Polytechnic Institute. Entered service at Newport News, Virginia, September 19, 1917. Commissioned Second Lieutenant January 29, 1918.

HASBROUCK, ST. CLAIR. Dentist. Attended Hiram College and Ohio State University. Entered service August 8, 1917, at Barnesville, Ohio. Commissioned First Lieutenant July 29, 1918, Medical Department.

HEALY, J. J. A. Attended Niagara and New York Universities. Entered service October 2, 1917, at Fort Hancock, New Jersey. Served in C. A. C. and Ordnance. Commissioned Second Lieutenant August 15, 1918. Attended Ordnance Engineering School, Aberdeen Proving Ground.

HUMMER, PAUL M. Mechanical Engineer. Attended Pennsylvania State College for 3 years. Two years military experience in college. Entered service March 24, 1918, at Columbus, Ohio. Commissioned Second Lieutenant September 12, 1918.

JOHNSON, J. M. Previous service, three years in Cavalry. Appointed First Lieutenant September 11, 1918, and entered service at Chicago, Illinois.

JOHNSON, W. H., Mechanical Engineer. Attended Iowa State College. Previous military experience, 2 years at cadet drill at Iowa State College. Entered service December 11, 1917 at Camp Dodge, Iowa. Attended Ordnance Machine Gun School 3 months, at Camp Hancock, Georgia, and Wilbur Wright Field. Appointed Second Lieutenant August 11, 1918.

JOHNSTON, A. B., Ph. B., B. S. Attended Moravian College, Bethlehem, Pa. Graduate Yale Sheffield Scientific School and Massachusetts Institute of Technology. Attended summer training camps at Plattsburg, 1915-16. Appointed Second Lieutenant November 28, 1917. Entered service December 20, 1917, at Washington, D. C. Promoted to First Lieutenant September 12, 1918.

JUNK, JAS. L., Physician and Surgeon. Attended Pennsylvania State College for 2 years. Graduate Medical Department, University of Pennsylvania. Entered

service July 12, 1917 at Connellsville, Pa. From July 30, 1917 to November 4, 1917, in Officers' Training Camp at Ft. Benjamin Harrison, Ind. Appointed First Lieutenant April 24, 1917, Promoted to Captain February 4, 1918.

JAMES, T. L., Mechanical Engineer. Graduate Bucknell University. Previous military experience, 4 years. Boys' Brigade. Appointed First Lieutenant December 15, 1917. Entered service June 24, 1918, at Moline, Ill.

KOCH, CHARLES E., Mechanical Engineer. Graduate University of Illinois. Enlisted March 23, 1918. Whiting, Indiana. Commissioned Second Lieutenant, Ordnance Department, March 23, 1918.

KENNEDY, ROBT. E. Two years special work in Mechanical Engineering and Metallurgy. Enlisted September 18, 1917. Camp Dodge, Iowa. Commissioned Second Lieutenant, Ordnance Department, September 3, 1918.

KLEIN, BERNARD A., Mechanical Engineer. Graduate McGill University, Montreal, Canada. Enlisted December 12, 1917. Columbus Barracks, Ohio. Commissioned Second Lieutenant August 15, 1918. Ordnance Department.

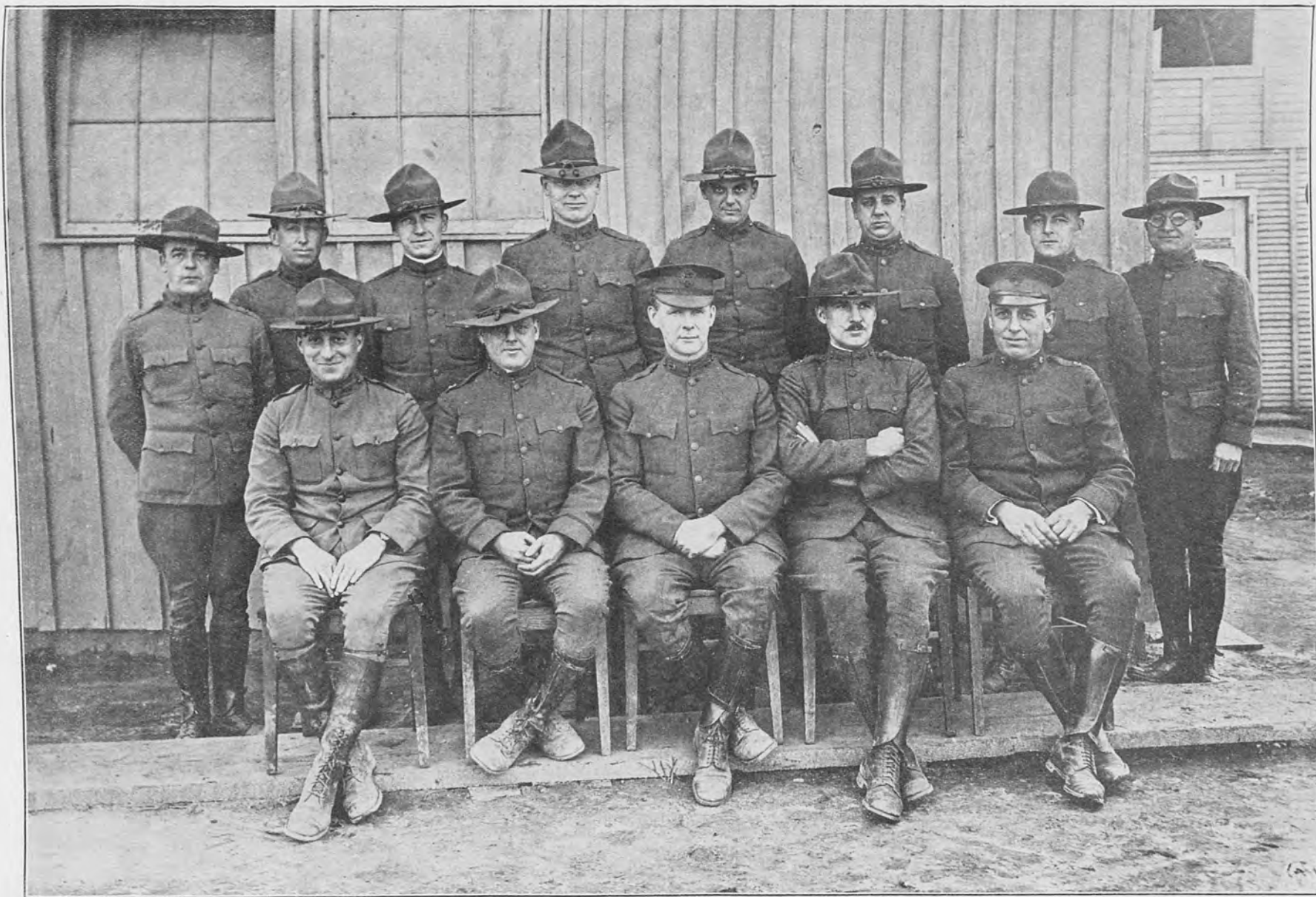
KETCHAM, H. A., Mechanical Engineer. Graduate of Stevens College in 1912. Attended Engineering School Aberdeen Proving Ground, Md. Commissioned First Lieutenant July 3, 1917.

KENT, ROBERT W., Consulting Engineer. Graduate of Rhode Island State College, 1911. Attended Second Plattsburg Training Camp in 1917. Enlisted August 23, 1917 at Plattsburg Training Camp, Plattsburg Barracks, New York. Commissioned First Lieutenant Ordnance Department, November 23, 1917.

LINTNER, EDWIN J. Graduate Ohio State University. Appointed Second Lieutenant Coast Artillery, September 25, 1918.

LAUTER, GERHARD J. Two years Drexel Institute. Enlisted December 14, 1917, at Fort Myer, Va. Attended Ordnance Engineering School July 26, 1918, to October 23. Commissioned Second Lieutenant, Ordnance Department, October 24, 1918.

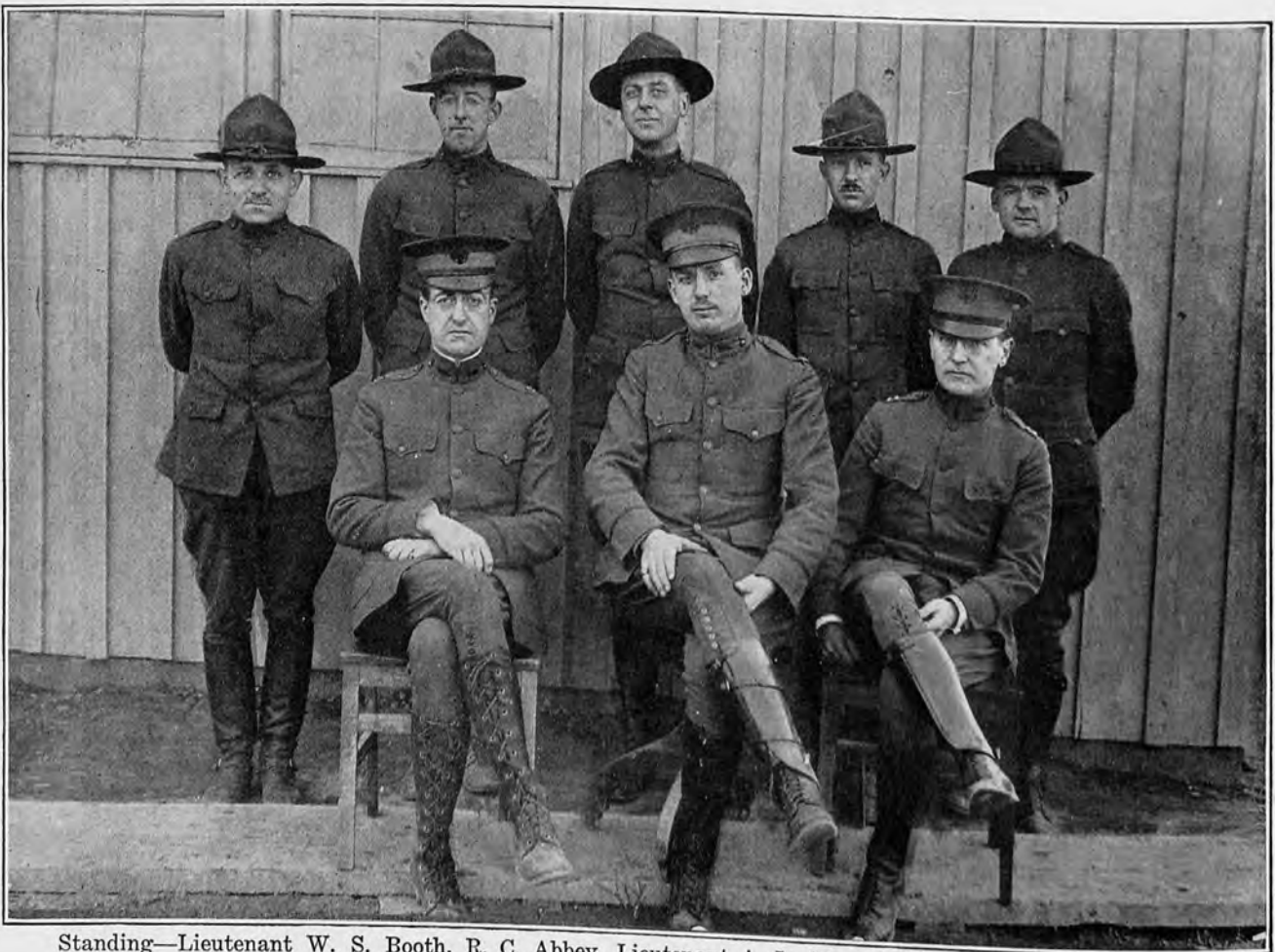
LOVEJOY, CECIL E. Sheffield Scientific School; Yale University. Commissioned First Lieutenant, Ordnance Department, August 28, 1917. Entered active service September 20, 1917. Promoted to Captain January 8, 1918.



First Row—Lt. W. P. Stanyon, Lt. Harold Andrew, Lt. F. L. Bencoter, Lt. James Haworth, Lt. L. W. Hulley, Lt. R. B. Litchfield, Lt. C. A. Webster, Lt. J. S. Gorsuch.

Second Row (seated)—Lt. N. S. Sharpe, Capt. R. W. Moore, Major A. E. Greene, Capt. J. J. Ehrhardt, Capt. A. A. Hoffman.





Standing—Lieutenant W. S. Booth, R. C. Abbey, Lieutenant A. L. Story, R. S. Brainerd, John Wallace.
Seated—Captain Clark, Major Gordon, Captain Terhune.

LITCHFIELD, ROBERT B., Electrical Engineer. Attended Columbia University. Commissioned First Lieutenant, Ordnance Department, July 9, 1918.

LEE, HOWARD A. Graduate Princeton University, 1910; degree Lit. D. New Jersey National Guard, 1910 to 1913. Enlisted at Fort Jay, N. Y., October 31, 1917. Promoted to Sergeant December 1, 1917; promoted to Ordnance Sergeant May 1, 1918; commissioned Second Lieutenant, Ordnance Department, September 4, 1918.

LAIRD, ROBERT W. Enlisted December 9, 1917. Commissioned Second Lieutenant, Ordnance Department, February 18, 1918. attended Harvard Law School 3 years.

LOOMIS, FRANCIS W. A. B., A. M., Ph. D., Harvard—Mathematics and Physics. Commissioned First Lieutenant November 27, 1917; promoted to Captain June 27, 1918.

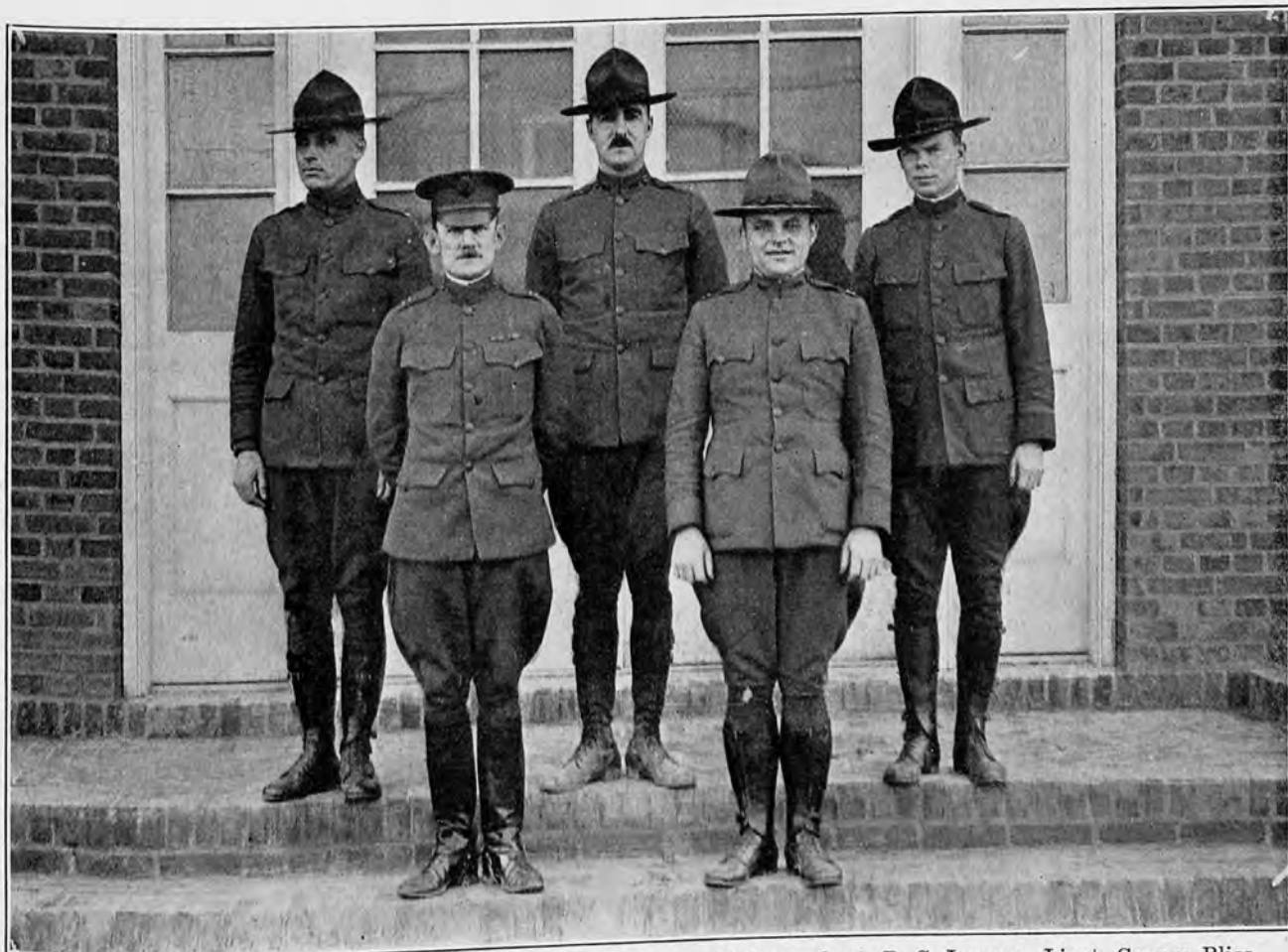
LONGLEY, FREDERICK J. Attended Williston Seminary and Rensselaer Polytechnic Institute. Enlisted August 23, 1917. At-

tended Second Training Camp Fort Niagara. Commissioned Second Lieutenant Inf. R. C. November 17, 1917. Transferred as Second Lieutenant to Aviation Section Military Aeronautics. Consulting Chemist by occupation.

LEEDOM, EDWIN C. Attended University of Pennsylvania. Commissioned Captain, Ordnance Department, November 20, 1917.

LEMON, HARVEY B. University of Chicago, B. A., 1906; S. M., 1911; Ph. D., 1912. Commissioned Captain, Ordnance Department, August 10, 1918.

LOMIS, ALFRED L. Yale, A. B., 1909; Harvard, LL. B., 1912. Attended Plattsburgh Training Camp, 1916 and 1917. Commissioned Captain Ordnance Department, July 16, 1917. Entered active service, August 20, 1918. Studied Gunnery and Ordnance under Colonel Gruber, 1915-1917. Took Gunners Examination at West Point, 1916. Assistant instructor at Plattsburgh Training Camp May to August, 1917. Promoted to Major, Ordnance Department, July 31, 1918.



Lieut. F. Schultz, Capt. P. M. Weidmann, Lieut. James McCann, Capt. B. S. Lawyer, Lieut. George Bliss

LLEWELLYN, RALPH C. Graduate University of Illinois, architectural engineer. Commissioned Captain, Quartermaster Corps, April 6, 1918.

LITTLEFORD, JOHN S. Cincinnati Technical School; Purdue University two years. Commissioned Second Lieutenant, Ordnance Department, December 15, 1917.

LINDH, FRITZ P. Entered U. S. Military Academy, 1910. Commissioned Second Lieutenant June 12, 1914. Transferred to Ordnance Department 1918 as Captain. Promoted to Major March, 1918.

LIMONT, ALEXANDER W. Graduate Cornell University, 1916, Mechanical Engineer. Attended Second Officers' Training Camp; three months C. A. C. Training Camp, Fortress Monroe. Commissioned Second Lieutenant, Ordnance Department, November 27, 1917, at Plattsburgh, N. Y. Promoted to First Lieutenant September 12, 1918.

LAWYER, B. S. Graduate Pennsylvania College. Commissioned First Lieutenant September, 1917. Promoted to Captain June 28, 1918.

LUCE, RAYMOND P. Commissioned Second Lieutenant, Aviation Section, Military Aeronautics, March 25, 1918.

LYONS, JAMES S., M. D. Graduate Albany Medical School. Commissioned First Lieutenant, Medical Reserve Corps, May, 1918.

LANE, FRANK T. Graduate Yale, 1917. Commissioned Second Lieutenant October 24, 1918. Attended Ordnance Engineering School.

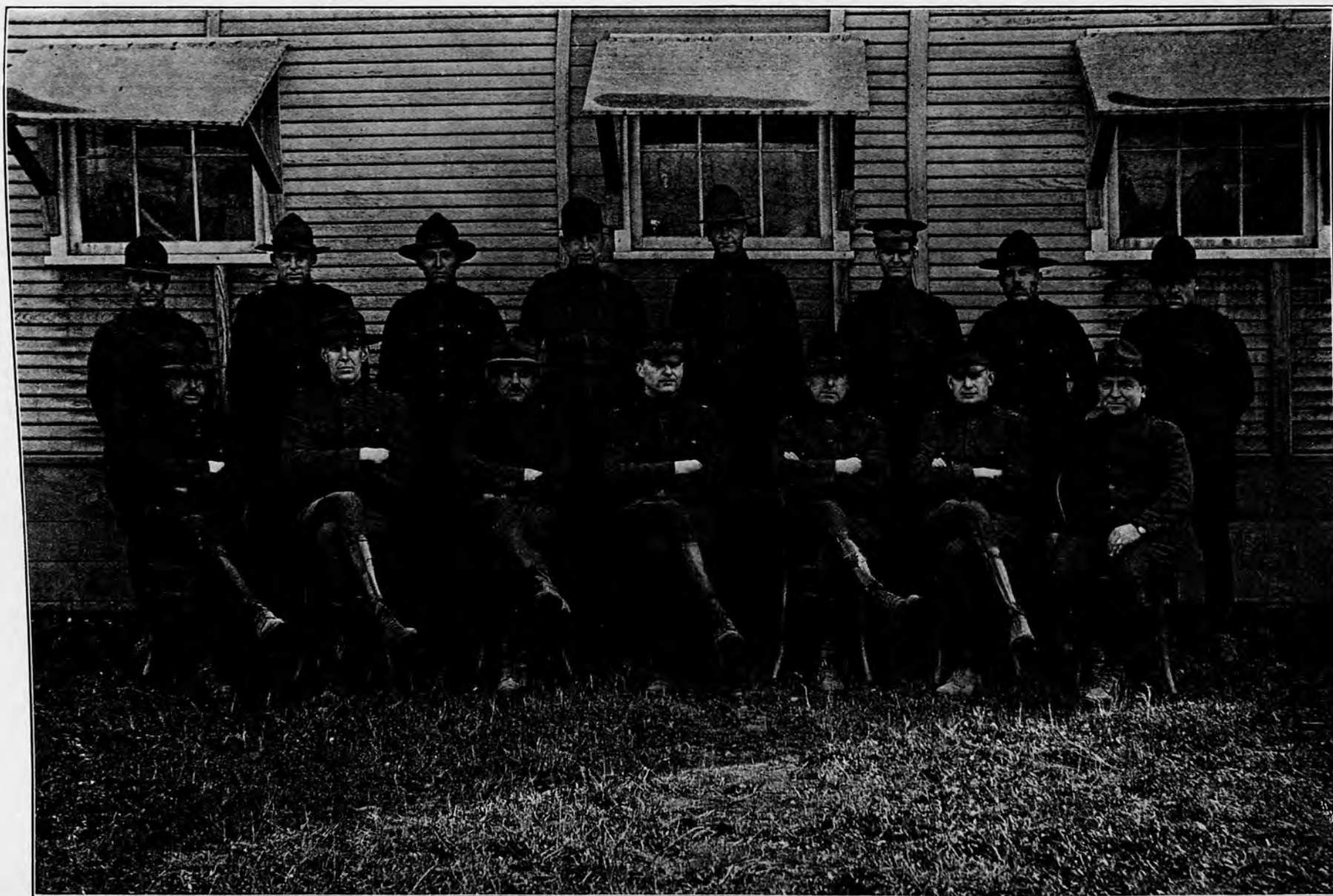
MOODY, EDWIN F. Entered service November 9, 1917, at Washington, D. C. Commissioned Captain, Ordnance Department, June 25, 1917.

MOORE, HOWARD, Civil Engineer. Graduate of Princeton University. Entered service October 25, 1918, at Aberdeen Proving Ground, Md. Commissioned Captain, Ordnance Department, October 25, 1918.

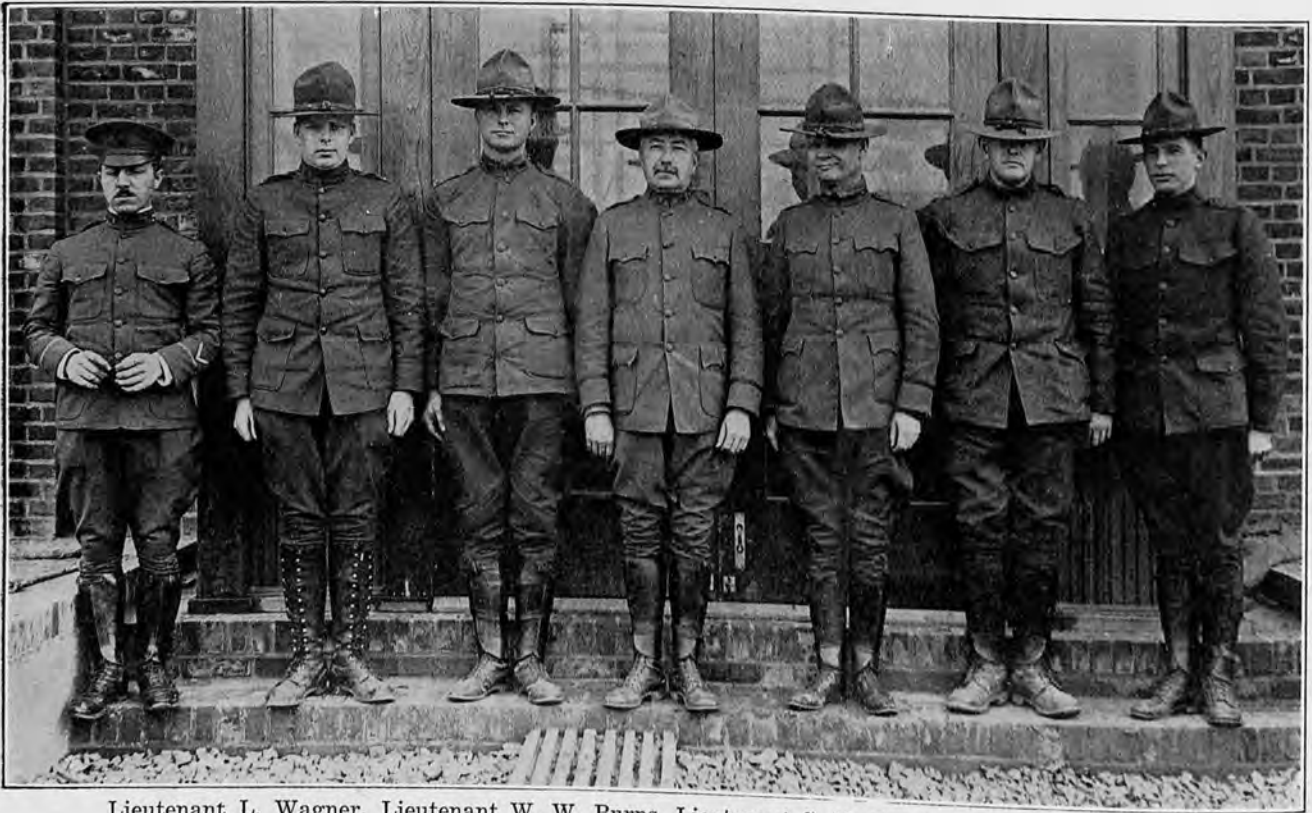
MERRILL, EDWARD F., Mechanical Engineer. Graduate Massachusetts Institute of Technology. Entered service April 3, 1918, at Columbus Barracks, Ohio. Commissioned Second Lieutenant October 23, 1918.



- MAGEE, WALTER A., Civil Engineer. Enlisted December 4, 1917, at Raritan Arsenal, Metuchen, N. J. Commissioned Second Lieutenant, Ordnance Department, September 12, 1918.
- MUNN, WILLIAM H. Four years King Edward Institute, New Zealand; one year University of Michigan. Entered service December 13, 1917, at New York City. Commissioned Second Lieutenant, Ordnance Department, September 17, 1918.
- MOON, HAROLD D. J., Master Mechanic. Entered service September 24, 1918, at Chicago, Ill. Commissioned First Lieutenant, Ordnance Department, September 24, 1918.
- MEYER, EDWARD C., Structural Concrete Engineer. Graduate University of Michigan. Entered service January 5, 1918, at Ann Arbor, Michigan. Commissioned Second Lieutenant, Ordnance Department, September 16, 1918.
- MANNING, HAROLD G., Chemical Engineer. Graduate Massachusetts Institute Technology. Enlisted December 14, 1917, at Fort Myer, Va. Commissioned Second Lieutenant, Ordnance Department, October 1, 1918.
- MELICK, PAUL K. Enlisted July 3, 1917, at Chicago, Ill. Commissioned Second Lieutenant, Signal Corps, February 9, 1918.
- MADDOX, GEORGE L., Textile Engineer. Enlisted December 11, 1917, at Atlanta, Georgia. Commissioned Second Lieutenant, Ordnance Department, September 5, 1918.
- MASLAND, MAURICE H., JR. Attended Aberdeen Engineering School. Graduate University of Pennsylvania in 1916. Enlisted December 3, 1917, at Washington Barracks, D. C. Commissioned Second Lieutenant, Ordnance Department, August, 1918.
- MOYER, JOSEPH N., Civil Engineer. Graduate of Pennsylvania State College in 1914. Enlisted November 23, 1917, at Rock Island. Commissioned Second Lieutenant, Ordnance Department, July 18, 1918.
- MOUNT, CARROLL H., Mechanical Engineer. Graduate of Ohio State University. Entered service September 7, 1917, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, September 7, 1917.
- METCALF, GEORGE R., JR., Mechanical Engineer. Two years graduate study in Mechanical Engineering and Metallurgy, Yale University. 1915. 1917. Entered service May 13, 1917, at Madison Barracks, N. Y. Commissioned First Lieutenant, Ordnance R. C., June 1, 1917; promoted to Captain, Ordnance Department, January 8, 1918.
- MEHRHOF, FLOYD E. Graduate of Rutgers College in 1917. Entered service August 27, 1917, at Fort Myer, Va. Commissioned Second Lieutenant, Ordnance Department, November 27, 1917. Promoted to First Lieutenant September 12, 1918.
- MATHER, DAN W. Graduate of Michigan Agricultural College in 1913. Entered service August 27, 1917, at Fort Sheridan, Ill. Commissioned Second Lieutenant, Ordnance Department, November 27, 1918.
- MILLARD, RALPH S. Entered service March 1, 1918, at Peoria, Ill. Commissioned First Lieutenant, Ordnance Department, December, 29, 1917.
- MERRY, WALTER J., Civil Engineer. Three years Ohio University. Entered service September 27, 1917, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, August 2, 1917.
- MORAN, WILLIAM B., Civil Engineer. Graduate Pennsylvania State College, 1915. Entered service October 8, 1917, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, September 13, 1917.
- MORRISON, PHILLIPS G., Electrical Engineer. Graduate of Massachusetts Institute of Technology in 1916. Entered service July 30, 1917, at Frankford Arsenal. Commissioned First Lieutenant, Ordnance Department, June 11, 1917; promoted to Captain, Ordnance Department, January 22, 1918.
- MOORE, ROBERT W. Graduate of Princeton University. Entered service December 10, 1917, at Washington, D. C. Commissioned Captain, Ordnance Department, December 10, 1917.
- MOORE, JAMES HOWARD. Graduate of University Vermont. Entered service September 20, 1917, at Sandy Hook Proving Ground, Md. Commissioned First Lieutenant September 20, 1917; promoted to Captain, Ordnance Department, June 28, 1918.
- MITCHELL, GEORGE. Entered service January 7, 1918, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, December 27, 1917.
- McCANN, JAMES E. Entered service April 1, 1918, at Clintonville, Wis. Commissioned First Lieutenant, Ordnance Department, January 6, 1918.



First Row—Lt. T. L. James, Lt. C. E. Fisher, Lt. H. A. Dewitt, Lt. H. L. Breuninger, Lt. J. Capt. Samuel McIntosh, Capt. J. H. Moore, Capt. Michael Shapiro.
Seated—Capt. J. J. Burling, Capt. R. C. Llewellyn, Capt. C. F. Derby, Major A. R. Roberts, M. Page, Lt C. C. Ross, Lt. William Duff, Lt. N. S. Booth.



Lieutenant L. Wagner, Lieutenant W. W. Burns, Lieutenant S. M. Foust, Captain H. C. Cryder, Lieutenant J. M. Johnson, Lieutenant Henry Dowst, Jr., Lieutenant George Maddox

McELROY, JOSEPH W., Mechanical Engineer. Graduate of University of Maine. Entered service December 27, 1917. Commissioned Captain, Ordnance Department, December 27, 1917.

McCONNELL, FRANCIS A. Entered service February 25, 1918, at Denver, Colo. Commissioned Second Lieutenant, Ordnance Department, February 25, 1918.

McGUIRE, EDWARD ALLEN, Electrical Engineer. Entered service September 30, 1917, at Yaphank, Long Island. Commissioned First Lieutenant, Ordnance Department, October 3, 1917.

McKEE, JAMES H. Graduate of Lehigh University. Entered service June 14, 1918, at Allentown, Pa. Commissioned Second Lieutenant, Ordnance Detachment, October 24, 1918.

McCARTNEY, H. A., Mechanical Engineer. Graduate of University of Minnesota. Entered service March 11, 1918, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, October 29, 1918.

McINTOSH, SAMUEL F., Contracting Engineer. Entered service January 31, 1918, at Washington, D. C. Commissioned Captain, Ordnance Detachment, January 31, 1918.

McCAUSLAND, JOHN, Dentist. Graduate of George Washington University. Entered service June 26, 1917, at Oglethorpe, Ga. Commissioned First Lieutenant, D. R. C., May 28, 1917; promoted to Captain July 29, 1918.

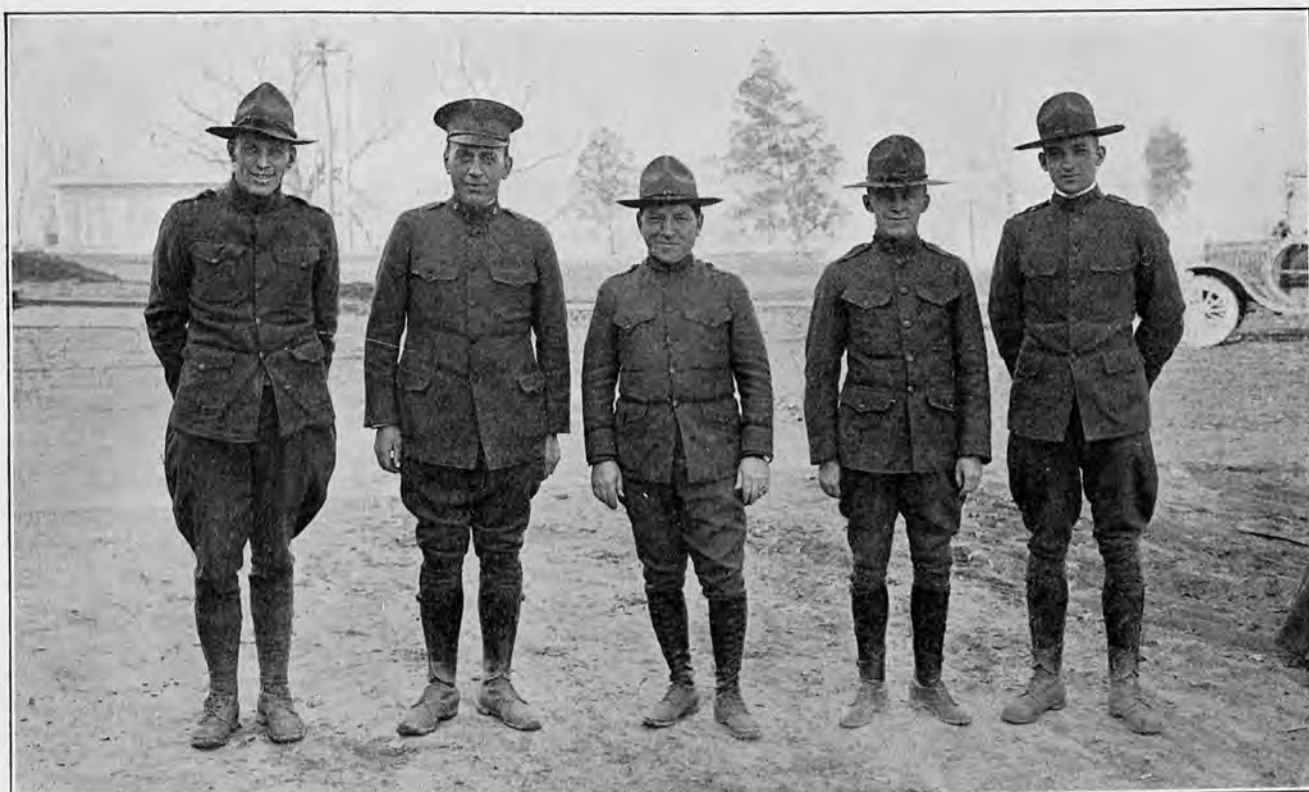
MacGREGORY, HARRY LEE. Graduate of Worcester Polytechnic Institute, 1910. Entered service January 7, 1918, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, January 7, 1918.

NICOLLS, JASPER W. B. S. in M. E. University of Pennsylvania. Appointed Second Lieutenant, Ordnance Department, November 19, 1917. Promoted to First Lieutenant September 12, 1918.

NEIMAN, CHARLES M., Architectural Engineer. B. S. degree K. S. A. C., Kansas. Appointed First Lieutenant, Ordnance Department, November 27, 1918.

NELSON, W. P., Mechanical Engineer. Commissioned First Lieutenant, Ordnance Department, November 27, 1917. Spent three months in Training Camp.

NULL, MILLARD F., JR. Graduate Pennsylvania and Washington and Lee University. Enlisted in Medical Department. Commissioned First Lieutenant, Ordnance Department, December 8, 1917.



Lieut. C. E. Fisher, Capt. A. A. Hoffman, Capt. Michael Shapiro, Lieut. E. F. Tice, Lieut. Harry Ferguson

OBERLY, R. S. Graduate of Cornell M. E. 1908. Commissioned Lieutenant of Engineers 1909. Coast Artillery Corps 1911 to 1914. Ordnance Department 1914 to 1919. Assigned to Aberdeen Proving Ground May, 1918 as Major. Promoted to Lieutenant Colonel September, 1918.

OGDEN, CHAUNCEY M. Graduate Colgate University, 1917. Enlisted March 12, 1918. Commissioned Second Lieutenant, Ordnance Department, September 3, 1918.

OGDEN, NELSON C. Graduate University Pennsylvania, 1911, Civil Engineering. Three months enlisted man in Infantry. Commissioned Second Lieutenant, Ordnance Department September 3, 1918.

O'DELL, JOHN C. Major Ordnance Department.

PICKETT, J. J., Mechanical Engineer. Graduate Carnegie Institute of Technology. Entered service November 24, 1917. Attended Second C. A. C. O. T. C. at Fortress Monroe, Va., Artillery Instruction Course, Rock Island, and Ordnance Machine Gun School, Camp Hancock, Ga. Commissioned Second Lieutenant, September 13, 1918, at Raritan Arsenal, Metuchen, N. J.

PARK, R. E., JR., Mechanical Engineer. Attended Lafayette College. Entered service December 6, 1917, at Ft. Slocum, N. Y.

Promoted to Ordnance Sergeant June 7, 1918. Commissioned Second Lieutenant September 4, 1918.

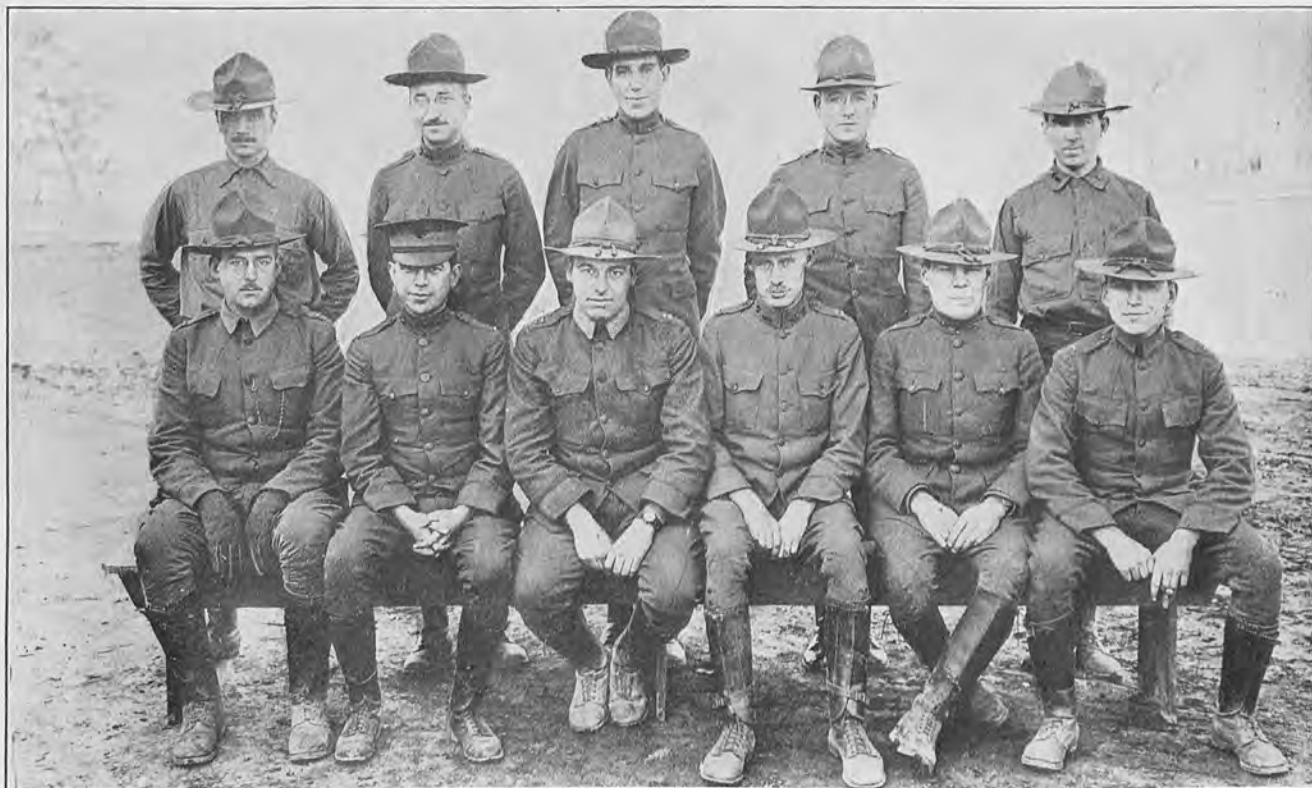
PETERS, R. W. Attended Missouri University and Washington University. Entered service March 8, 1918, at Jefferson Barracks, St. Louis, Mo. Promoted to Corporal May 8, 1918. Commissioned Second Lieutenant August 13, 1918.

PORTER, P. A. Attended Beloit College for two years. Entered service March 14, 1918. Commissioned Second Lieutenant August 13, 1918.

PAGE, J. M. Attended Baltimore Polytechnic Institute. Entered service September 6, 1917, at Ft. Myer, Va., attending Second Officers' Training Camp there. Commissioned Second Lieutenant November 27, 1917.

PLESSETT, DAVID, Lawyer. Attended University of Pennsylvania. Graduate Dickinson School of Law. Entered service May 14, 1917, at Madison Barracks, N. Y., attending first Officers' Training Camp there. Commissioned Second Lieutenant A. G. Department, August 15, 1917. Promoted to First Lieutenant May 23, 1918.

POTTS, P. O., Mechanical Engineer. Graduate University of Michigan. Entered service August 26, 1917, at Ft. Sheridan, Ill.,



Standing:—Lt. Papley, Lt. S. K. Rapp, Lt. D. W. Stickney, Lt. A. E. Willis, Lt. J. B. Thompson. Seated:—Lt. K. Batchelder, Lt. W. B. Moran, Capt. S. K. Bushnell, Capt. A. R. Pollard, Lt. A. E. Hall, Lt. C. E. Dodge.

attending Second Officers' Training Camp there. Commissioned Second Lieutenant November 27, 1917. Promoted to First Lieutenant September 12, 1918.

POLLARD, A. R., Chemical Engineer. Graduate University of Illinois. Attended Business Men's Training Camp at Ft. Sheridan, Ill, in 1915. Also two years in University of Illinois regiment. Appointed Captain July 10, 1917. Entered service January 22, 1918, at Washington, D. C.

PERRIS, N. M., Electrical Engineer. Graduate Case School of Applied Science. Entered service December 14, 1917, at Washington, D. C. Attended O. E. S. A. P. G., Appointed Second Lieutenant July 15, 1918.

PAGE, E. F., Civil Engineer. Attended North East Manual Training School, Wagner Institute, and Drexel Institute, Philadelphia, Pa. Previous service, Ordnance Stores Course at University of Pennsylvania, November 26, 1917, to January 5, 1918. Entered service January 25, 1918, at Washington, D. C. Attended O. E. S. A. P. G., Md. Appointed Second Lieutenant July 19, 1918.

RAPP, STEPHEN K. Graduated College of the City of New York, 1911, also Columbia

University Law School, 1914. Attended Camp Buffington, 1914. Enlisted at Fort Slocum, N. Y., March 6, 1918. Commissioned Second Lieutenant October 24, 1918.

RATHELL, WALTER P. Three and a half years University of Texas, Engineering. Enlisted May 10, 1918. Commissioned Second Lieutenant, Ordnance Department, September 13, 1918.

ROULAND, HAROLD R. Studied Engineering three and a half years at University of Detroit. Enlisted January 10, 1918. Commissioned Second Lieutenant, Ordnance Department, September 12, 1918.

RONNE, EDWIN M. B. S. degree in Electrical Engineering. Attended S. E. R. C. 1917. Commissioned First Lieutenant, Aviation Section, February 9, 1918.

ROBERTSON, WM. M. Enlisted September 5, 1917. Commissioned Second Lieutenant, Aviation Section, May 16, 1918.

RYAN, ARTHUR W. Graduate Notre Dame University, Law Department, 1914. Enlisted November 21, 1917. Commissioned Second Lieutenant, Signal Corps, Aviation Section, March 1, 1918.

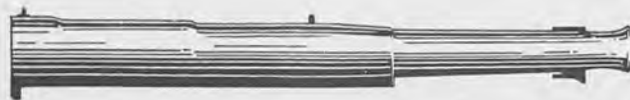
REDDING, ALFRED M. Four years University of Pennsylvania. Graduated 1916,



- electrical engineering. Enlisted December 15, 1917. Commissioned Second Lieutenant, Ordnance Department, July 19, 1918.
- ROWE, JAMES G., JR. Graduate Cornell University, Mechanical Engineering. Enlisted February 14, 1918. Commissioned Second Lieutenant, Ordnance Department, August 14, 1918.
- ROSS, THURSTON H. A. B. Otterbein University, Commissioned Second Lieutenant August 10, 1918, Ordnance Department.
- RACEY, CHARLES H. Attended college two years. Fruit Grower. Commissioned Second Lieutenant, Ordnance Department, November 9, 1917.
- REILLY, J. R. Three years Army and Navy Prep School. Commissioned First Lieutenant, Ordnance Department, November 8, 1917.
- ROBERTS, A. B. M. E., E. E., C. E., Case School of Applied Science. Commissioned Captain May 1, 1917. Promoted to Major July 31, 1918.
- RODGERS, W. S. S., JR. Attended Plattsburgh Training Camp. Entered service November 23, 1917. Appointed Captain November 23, 1917. Graduate Yale University, degree Ph. B., 1907.
- ROSS, C. C. Mechanical Engineer. Stevens Institute, 1912. Commissioned First Lieutenant, Ordnance Department, July 25, 1918. Entered active service September 28, 1918.
- ROYER, FRANK W. Degree E. E. Lafayette College, 1910. Attended Ordnance Engineering School. Commissioned First Lieutenant, Ordnance Department, November 19, 1917.
- RUSS, WALTER C. Degree M. E. Stevens Institute; LL. B. New York Law School. Attended Ordnance Training School. Commissioned First Lieutenant, Ordnance, July 2, 1917.
- SPRAGUE, R. G. Graduate of University of Michigan. Entered service December 8, 1917, at Washington Barracks. Commissioned Second Lieutenant, Ordnance Department, July 19, 1918. Died of influenza October 25, 1918.
- STICKNEY, DAVID J., Chemical Engineer. Enlisted August 21, 1917, at Philadelphia, Pa. Commissioned Second Lieutenant, Ordnance Department, October 26, 1918.
- SENCENBACH, CHARLES F., Mechanical Engineer. Attended Ordnance Engineering School, Aberdeen. Graduate Lehigh University in 1912. Enlisted May 2, 1918, at Washington Barracks, D. C. Commissioned Second Lieutenant September 3, 1918.
- SHEDD, CLIFFORD E., Efficiency Engineer. Ordnance Training School at Aberdeen Proving Ground. Three years Massachusetts Institute of Technology. Enlisted December 3, 1917, at Philadelphia, Pa. Commissioned Second Lieutenant, Ordnance Department, September 3, 1918.
- SWEENEY, JOSEPH F., Electrical Engineer. Graduate of Rensselaer Institute. Enlisted December 15, 1917, at Fort Slocum, N. Y. Commissioned Second Lieutenant, Ordnance Department, September 3, 1918.
- SHAPIRO, MICHAEL, Consulting Engineer. Graduate of Stevens Institute, 1905. Entered service November 21, 1917, at Sandy Hook Proving Ground, N. J. Commissioned First Lieutenant November 13, 1917. Promoted to Captain, Ordnance Department, June 28, 1918.
- SAWYER, CLARENCE B. Six months at Harvard. Enlisted in the U. S. Navy in 1898. Six years in Naval Militia, Captain Infantry National Guard, June, 1917 to 1918. Captain Engineers, 1918. Transferred as Captain to Ordnance Department August 30, 1918.
- SCHOFIELD, A. W. Enlisted October 7, 1917, at Fort San Houston. Commissioned Second Lieutenant, Signal Corps, May 21, 1918.
- STECHER, HENRY D., Electrical Engineer. Graduate of University of Michigan. Entered service October 1, 1917, at Sandy Hook Proving Ground, N. J. Commissioned First Lieutenant, Ordnance Department, July 16, 1917; promoted to Captain January 8, 1918.
- STEVENSON, JOHN A. C. Graduate of Yale University, 1913. Entered service January 11, 1918, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, June 20, 1918.
- STRETCH, CHAS. C., Mechanical Engineer. Entered service October 1, 1917. Commissioned First Lieutenant, Ordnance Department, June 28, 1917; promoted to Captain January 8, 1918.
- STORY, ALLEN L. Entered service June 26, 1918, at Aberdeen Proving Ground, Md. Commissioned First Lieutenant, Ordnance Department, June 20, 1918.
- STREET, HENRY A. Graduate of Yale University. Entered service August 1, 1917. Commissioned First Lieutenant, Ordnance Department, August 1, 1917; promoted to Captain June 28, 1918.



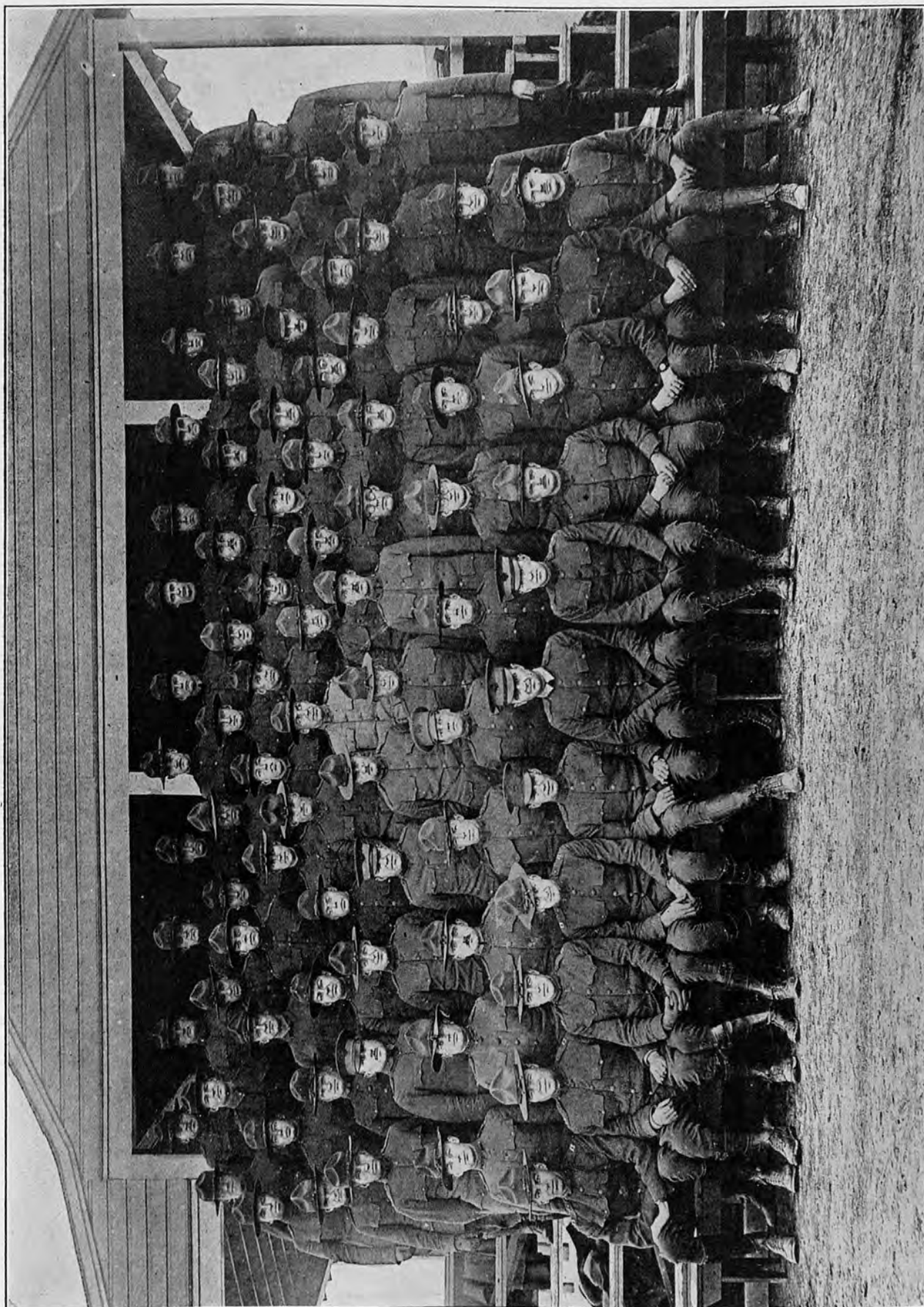
- STEELE, MAURICE G. Graduate of Worcester Polytechnic Institute in 1915. Entered service December 14, 1917, at New Haven, Conn. Commissioned Second Lieutenant, Ordnance Department, August 13, 1918.
- STIEGLITZ, A. G. Graduate of Stevens Institute, Hoboken, N. J. Entered service March 12, 1918, at Ft. Slocum, N. Y. Commissioned Second Lieutenant, Ordnance Department, August 12, 1918.
- SHARP, W. M. Entered service December 15, 1917, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, Dec. 1, 1917.
- SCHALLER, ALWIN. Graduate of University of Illinois in 1907; B. S. University of Illinois in 1912. M. E. Entered service October 1, 1917, at Sandy Hook Proving Ground, N. J. Commissioned First Lieutenant, Ordnance Department, August 14, 1917; promoted to Captain January 21, 1918.
- SHARP, NATHAN S. Graduate of St. Johns Military Academy. Entered service November 22, 1917, at Plattsburgh, N. Y. Commissioned First Lieutenant, Ordnance Department, November 22, 1917.
- SHULTZ, FRED T. Graduate A. B. degree, Kentucky State University, 1913. Entered service August 27, 1917, at Fort Benjamin Harrison. Commissioned Second Lieutenant, Ordnance Department, November 27, 1917; promoted to First Lieutenant September 12, 1918.
- STANDENMAIER, W. G. Graduate of Harvard College in 1910. Captain M. G. Co., 3rd N. Y. Infantry. Captain M. G. Co., 108th Infantry. Entered service April 12, 1917. Commissioned Captain, Ordnance Department, April 12, 1917.
- STROHM, HAROLD C. Graduate of Cornell University. Entered service November 8, 1917, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, July 30, 1917.
- STROEMER, HENRY C. Graduate of University of Chicago. Attended Lane College of Engineering. Enlisted April 2, 1918, at Columbus, Ohio. Commissioned Second Lieutenant, Ordnance Department, September 4, 1918.
- SHEPHERD, ROBERT Y., Physician. Graduate of Central University of Kentucky, M. D. Entered service June 4, 1918, at Aberdeen Proving Ground, Md. Commissioned Captain, Medical Department, April 11, 1918.
- STIER, JAY H. Graduate University of Texas. Entered service February 13, 1918, at Camp Greenleaf. Commissioned First Lieutenant, Medical Department, June, 1917; promoted to Captain August 22, 1918.
- SMITH, GEORGE H. Attended Ordnance Training School, Aberdeen, Md. Graduate of Purdue University. Enlisted January 16, 1918, at Cleveland, Ohio. Commissioned Second Lieutenant, Ordnance Department, September, 1918.
- THOMPSON, JOHN B. Three years college. Attended Fort Sheridan Training Camp August 27, 1917. Appointed Captain November 27, 1917, Ordnance Department.
- THOMAS, EDMUND A. Graduate University of Michigan, Chemical Engineering. Appointed Second Lieutenant, Ordnance Department, October 23, 1918.
- TEAS, LIVINGSTON P. Enlisted at Washington Barracks May 10, 1918. Commissioned Second Lieutenant, Ordnance Department, September 12, 1918. Graduate Penn State College, 1916, degree B. S.; Cornell University, 1917, degree M. A.
- TALBOT, CLAUD P. Two years Arts and Science Baker University; four years Missouri University, degree B. S. in M. E. Enlisted March 9, 1918. Commissioned Second Lieutenant, Ordnance Department, September 12, 1918.
- THOMPSON, JOHN S. Attended Princeton University and Baltimore City College. Attended Training Camp Fort Myer, Va., August 27 to November 27, 1917. Commissioned Second Lieutenant, Ordnance Department, November 27, 1917.
- TREUHAFT, ALEXANDER A. Graduate Case School of Applied Science, degree B. S.; graduate Western Reserve University, degree A. B., Mechanical Engineer; attended Ordnance Engineering School. Enlisted November 5, 1917. Commissioned Second Lieutenant, Ordnance Department, August 13, 1918.
- TROWBRIDGE, JAMES A. Graduate Kansas City Medical College; member Nebraska National Guard 1891 to 1896. Commissioned Captain, Medical Department, September 20, 1917.
- TAPLEY, WARREN L. Graduate Massachusetts Institute of Technology. Commissioned Second Lieutenant, Ordnance Department, November 16, 1917.
- THORPE, FRANK C. B. S. in C. E., 1913, University of Missouri. Enlisted in Ordnance Department, December 13, 1917.



- Commissioned Second Lieutenant, Ordnance Department, September 3, 1918.
- TAYLOR, R. P. A. Chestnut Hill Academy, Sibley College, Cornell University. Enlisted June 13, 1917. Commissioned Second Lieutenant, Ordnance Department, February 26, 1918.
- TAYLOR, HAROLD B. Degree B. S., Engineering, at Ohio State University, 1915. Commissioned First Lieutenant, Ordnance Department, August 1, 1917. Promoted to Captain, Ordnance Department, June 28, 1918.
- THORNE, WILLIAM J. Degree M. E. Cornell University. Enlisted Ordnance Department March 20, 1918. Commissioned Second Lieutenant, Ordnance Department, August 31, 1918.
- TAINTER, FRANK S., Civil Engineer. Graduate Princeton University. Appointed Major, Engineers, August 4, 1917.
- THOMAS, PHILIP E. Princeton University. Enlisted December 11, 1917. Commissioned Second Lieutenant, Ordnance Department, August 3, 1918.
- TAYLOR, P. H. Attended Plattsburg Camp. Commissioned Second Lieutenant, Ordnance Department, August 14, 1917. Promoted to First Lieutenant September 12, 1918.
- TAYLOR, AARON R. Junior at University of Chattanooga. Attended Officers' Training Camp. Commissioned Second Lieutenant, Ordnance Department, August 15, 1917.
- TERHUNE, T. B. M. Collegiate School, New York. Enlisted in Coast Artillery. Commissioned Captain June 18, 1918, Ordnance Department.
- TYLEE, DON O. Technical College. Commissioned First Lieutenant, Ordnance Department, December 10, 1917.
- THOMPSON, A. G. Graduate Mechanical Engineer Massachusetts Institute Technology, 1912. Enlisted March 9, 1918. Attended Ordnance Engineering School. Appointed Second Lieutenant, Ordnance Department, July, 1918.
- VAN HAAFTEN, IVAN. Attended Ordnance Reserve University, B. S. degree Case School of Applied Science. Entered service November 22, 1917, at Sandy Hook Proving Ground, N. J. Commissioned First Lieutenant, Ordnance Department, November 13, 1917.
- VAN HAAFTEN, IVAN. Attended Ordnance Training School. Two years at Yale University. Entered service December 13, 1917, at New York City. Commissioned Second Lieutenant, Ordnance Department, August 16, 1918.
- VOORHEES, JOHN R. Graduate of Stevens Institute of Technology in 1910. Entered service May 14, 1917, at Frankford Arsenal. Commissioned First Lieutenant, Ordnance Department, May 8, 1917; promoted to Major January 22, 1918.
- WILLIAMS, RALPH H., Mechanical Engineer. Graduate of Stevens Technology, Hoboken, N. J. Entered service August 3, 1917, at Sandy Hook Proving Ground, N. J. Commissioned First Lieutenant, Ordnance Department, May 28, 1917; promoted to Captain January 22, 1918.
- WOLFE, OLIVER M. Three years at Purdue University. Attended First Officers' Training Camp at Fort Benjamin Harrison, Ind. Entered service May 8, 1917. Commissioned Second Lieutenant, Ordnance Department, August 15, 1917. Promoted to First Lieutenant September 12, 1918.
- WRIGHT, WILLIAM H., Civil Engineer. Graduate of University of California. Entered service November 9, 1917, at Aberdeen Proving Ground, Md. Commissioned Captain, Ordnance Department, November 9, 1917.
- WAGNER, LUDWIG. Graduate University of Maryland in 1914. Entered service March 12, 1918, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, August 15, 1918.
- WILLIS, ALBERT E., Jr. Entered service December 15, 1917, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, January 28, 1918.
- WOLFF, RICHARD A. Graduate of Stevens Institute of Technology in 1914. Entered service July 25, 1917, at Fort Rockaway, N. Y. Commissioned Second Lieutenant, Ordnance Department, August 16, 1918.
- WARE, WILLIAM A. Attended the Second Training Camp for Officers. Entered service November 27, 1917, at Fortress Monroe, Va. Commissioned Second Lieutenant, Ordnance Department, November, 1917; promoted to First Lieutenant September, 1918.
- WEBB, JERVIS B. Graduate of University of Michigan in 1912. Entered service January 29, 1918, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, January 29, 1917.
- WEIDMANN, PAUL M. Graduate University of Notre Dame. Five years N. Y. N. G.



- Cavalry. Four years U. S. Navy. Entered service August 27, 1917, at Plattsburg, N. Y. Commissioned Captain, Ordnance Department, November 22, 1917.
- WEGEL, A. H.** Four years of college. Entered service August 27, 1917, in the Second Officers, Training Camp at Fort Sheridan, Ill. Commissioned Second Lieutenant, Ordnance Department, November 27, 1917.
- WILLIAMS, CHAS. A.**, Civil Engineer. Graduate of Minnesota University. Entered service December 13, 1917, at Columbus Barracks. Commissioned Second Lieutenant, Ordnance Department, October 24, 1918.
- WHEELER, CHARLES E.**, Metallurgical Engineering. Entered service September 20, 1917. Commissioned Second Lieutenant, Ordnance Department, August 13, 1918.
- WOODRUFF, WILLIAM W.**, Mechanical Engineer. Graduate of Cornell University. Entered service at Washington, D. C., October 9, 1917. Commissioned First Lieutenant, Ordnance Department, August 29, 1917; promoted to Captain June 28, 1918.
- WITTER, LAURIE L.** Entered service December 5, 1917, at Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, November 9, 1917.
- WHITNEY, FREDERIC R.** Three years at Harvard University. Entered service October 16, 1917, at Washington Barracks, Washington, D. C. Commissioned Second Lieutenant, Ordnance Department, September 3, 1918.
- WHITE, HARRY L.** Graduate of University of Nebraska in 1911. Entered service November 3, 1917, at Sandy Hook Proving Ground, N. J. Commissioned First Lieutenant, Ordnance Department, September 25, 1917. Promoted to Captain June 28, 1918.
- WOOD, L. W.** Graduate of University of Virginia. Entered service November 13, 1918, at Washington, D. C. Commissioned First Lieutenant, Ordnance Department, November 5, 1918.
- WAGNER, LOUIS C.**, Civil Engineer. Graduate of University of Texas in 1908. Entered service April 26, 1918. Commissioned Second Lieutenant, Ordnance Department, October 25, 1918.
- WHEELER, G. Y.** Entered service February 1, 1918, at Washington, D. C. Commissioned Captain, Ordnance Department, February 19, 1918.
- WAKEMAN, TALLMADGE N.**, Mechanical Engineer. Graduate of Yale University. Enlisted August 14, 1917. Commissioned Second Lieutenant, Ordnance Department, August 12, 1918.
- WEBSTER, ARNOLD CHARLES.** Entered service September 23, 1918, at Aberdeen Proving Ground, Md. Commissioned Second Lieutenant, Ordnance Department, September 12, 1918.



OFFICERS OF THE PROOF DEPARTMENT



Impressions of an Officer

THE popular conceptions of an Ordnance officer is a person with rather mediocre intelligence and a touch of yellow in a "bomb-proof" office job, with spurs on his boots to keep them from slipping off his desk. Is this a true picture? Are the detractors of the Ordnance officer justified? Does he spend his days in a paradise of inactivity rousing himself only, at the end of the month, to call at the Quartermaster's office for his salary check?

At Washington is the administrative center of the department. Here criticism was perhaps most caustic. Much of it, no doubt was attributable to thoughtlessness, to lack of imagination. For it required imagination to visualize scenes thousands of miles away and to appreciate the vital correlation between the work of the fighting front and the work of the office organization, which Ordnance built almost overnight, and with which it peopled an extensive group of office buildings. It was an organization teeming with activity, an organization of specialists many of them men of large affairs who sacrificed personal comfort and fortune in order to render service at the point where their training and special aptitude made them invaluable. The air of these offices was crisp and businesslike. One of the walls bore a sign which illustrates the atmosphere that pervaded them. "Be seated, state your business, but don't intern." Much of the criticism was due, no doubt, to insidious enemy propaganda aimed at breaking down the morale of ordnance officers and disorganizing the work of furnishing to our boys "over there" the tools with which they were to pound the Hun to destruction. The fact is that many times it required great moral courage for a man of red blood to remain at the post of duty on this side and face the taunts of misguided persons. Often, too, the most strenuous efforts to be released for the alluring call of overseas service were unavailing, because the authorities felt that urgent need dictated the retention of the specialist at the great nerve center.

What of the Ordnance officer at Aberdeen? Has the proof officer's life been a bed of roses? A casual observer after a visit to the "front" might say: "The enlisted men are doing the work at Aberdeen, all the officers do is blow

a whistle and boss the job." A story is told of Marshal Foch by a correspondent who visited him at Great Headquarters. The correspondent expected to find him studying huge maps, going over this or that feature of the battle with his generals, as the latest news was flashed over the wires the fashion of the most up to date stock-broker's office. Instead, he found the Marshal puffing a long black cigar and reading his favorite novel. But between the puffs of that cigar huge plans were forming.

The Proving Ground is a monster laboratory in which test tubes are replaced by gun tubes, reagents by metal and explosives. If the casual observer who saw in the proof officer only a leisure loving indoor dual with leather puttees and a whistle had looked a little closer he would have found the scientist absorbed in his experiment just as surely as though surrounded by alembics, beakers and Bunsen burners. There are the problems of gun construction, the study of stresses and strains, of screen distances and powder charges, the working out of range tables to give pause to the most brilliant scientific mind. Little do you realize, friend casual observer, the constant vigilance that is required to note at every stage of the test how gun and carriage are bearing up, what effect a new arrangement of powder bags is having or how a fuze equipped with a new "Knik" is behaving. The untold number of valuable ideas which tests at A. P. G. have called forth speaks volumes for the keen, untiring devotion which the officers of the Proving Ground have brought to their work.

From the pioneer days of last winter and the profusion of springtime mud, the Proving Ground has been developing so rapidly that the increase in officers never has kept pace with the work to be done. Even to the last, company commanders could not, in many cases devote themselves exclusively to the affairs of their companies. Such was the shortage of proof officers that often they would have to play chameleon, adapting themselves one moment to the demands of the proof battery and the next to the problems of the orderly room. And with no superfluity of officers, those who were at Aberdeen could not very well spend their days in Lucullan ease. The proof officer's work, too,



does not end when he dismisses his "detail" at the close of the day's firing. Many hours of patient thought and quantities of "midnight oil" have been required for the solution of the perplexing problems presented each day by new phenomena. Reports must be written, conclusions formulated and suggestions made for improvements, or for the lines thought desirable for future experimentation. Proof officers, however, have had no monopoly of intelligent devotion to their tasks. Finance, property, administration, every department of Ordnance activity has had its representatives at the Proving Ground. Although not among the fortunate ones to whom it was granted to see service overseas, and without the stimulation of the battlefield and the beckoning finger of France to urge them on. They made a contribution to the glorious outcome which was real and the country has reason to be proud of their record of achievement.

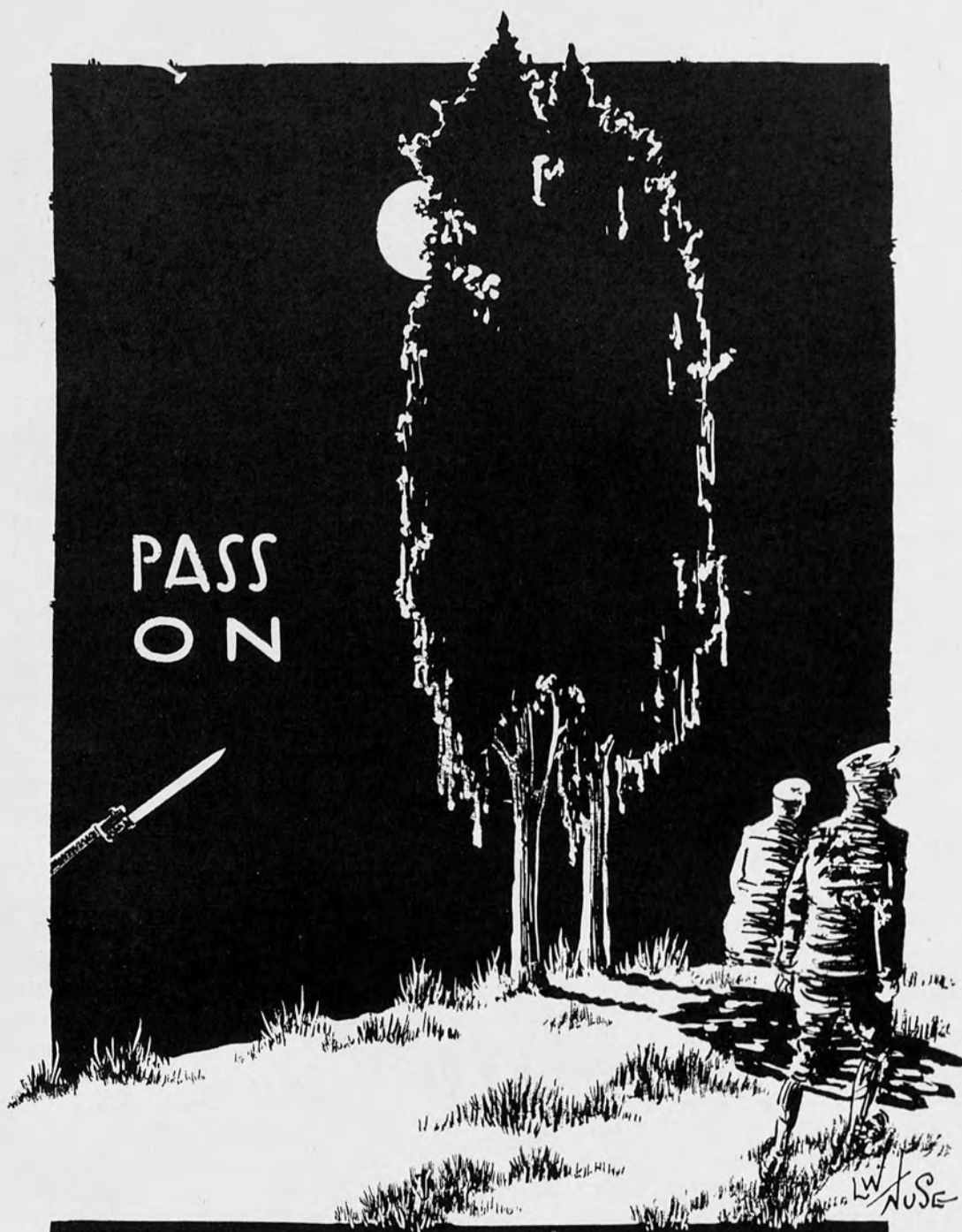
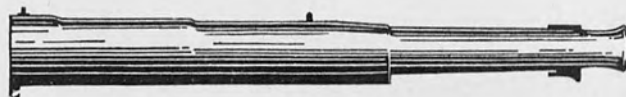
It is not thought for a moment that the officer's is the only work. Without a doubt, the private earns his \$30 a month. Yet none but the most fanatic economic visionaries of the cubist type will deny that accomplishment requires an organization in which the great majority surrender, to a certain extent, their individual initiative while directing control is assumed by the relatively few chosen for their qualifications, mental and moral, for leadership. In the early days of the Russian Revolution a group of miners decided that the owner of the mine had had too easy a time of it. "Citizen," said they, "our shackles are unloosed. We shall give you a pick (you see the application of the story to the Ordnance corps) and while you are at work in the mine we shall take your place, each for a day occupying your office and spending our time rolling cigarettes." The experiment lasted for about a month, by that time disorganization was so complete that the workers were unanimous in returning to the former regime.

But while the officer and enlisted men each have their definite roles their relations have been most democratic. The army of pre-war days was cast in the mold of autocracy. This war was different. When the bugle sounded "To Arms" men from every section of the country responded, men from every walk of life. Napoleon once remarked that every "poilu" carried a marshal's baton in his knap-

sack. Never was this more true of an army than of the great force which the wave of our national conjuror's wand brought into being. Every opportunity was offered to enlisted men to qualify for officers' training schools and win their bars. The Proving Ground was known as a working, rather than as a military, camp. And officers newly commissioned, from civil life or from the ranks, brought to this working organization the experience gained in industrial pursuits, that more can be accomplished with men by cooperation than by antagonism, more by building up an enthusiastic "esprit de corps" than by creating an undercurrent of resistance by arbitrary commands. The typical Ordnance officer is not afraid to soil his hands, or, if need be, to put his shoulder to the wheel. It is upon the officer, however, that the responsibility devolves for the proper performance of the task in hand. The officer directs, the enlisted man is directed. The officer, proof firing a gun or an acceptance lot, must hold the scales true between contending interests. The manufacturer, his representative often is present at the test, naturally wants the lots passed, and while gun or ammunition should be rejected unless up to the requisite standard, the government wants to give the manufacturer a "square deal." Border line cases frequently arise when it is a fine question of judgment whether to pass or reject the gun or lot. If the proof officer's verdict is "thumbs down" it may result in holding up vitally needed material. An error of judgment in accepting them may result in malfunctions on the real front which may wipe out a battery, perhaps the loss of the battery may mean thousands of lives. The sage who wrote: "Uneasy lies the head that wears a crown" stated a corollary of the inexorable law of compensation.

For the enlisted man there is the compensation of irresponsibility. It is a joy to be able for a time at least, to shake free care. There is a certain abandon to the life of the barracks. The close associations made and the free and easy atmosphere of the barracks of our army cantonments made them a real melting pot where sectionalism, creed and caste were forgotten and bonds of closest friendship forged. For relations, there, were on a rock bottom basis of frank expression. There was no room for the shallow artificiality of conventional society.

(Continued on Page 64)





The Chronology of Aberdeen Proving Ground

WHEN on the second of April, 1917, President Wilson asked that a state of war be declared between the government of the United States and the Imperial German Government it became necessary for the Army and Navy Departments to do a great many thing and do them in the shortest possible time. Plans were soon under way by which a huge army and navy were to be raised. These men must be clothed and fed. Here was no small task, Their health must be cared for, and the Medical Corps had a gigantic task before it. But even with all other details completed men would have been useless without guns, guns that could equal and surpass those of the enemy in range, effectiveness and durability. To provide such guns was the burden that fell on the Ordnance Department.

The manufacture of guns is a great industry, requiring larger facilities than any other kind of manufacturing carried on. There were in the United States at the time this country entered into war against Germany only two or three companies who had any facilities whatever for the prosecution of this work, and these few concerns were not prepared to produce on a scale approaching that which would be required to make us capable of doing our part in France. The number of guns already on hand was almost negligible when compared to the needs which had arisen. Very few men had been at all interested in the subject or had given it any thought whatever. We had lived in peace, remote from the rest of the world year after year, and the fact that we might some day be called upon to defend our rights on land and sea by force of arms had never occurred to the large majority of American men. They were busy with other things. But all were willing when the time came. Steel mills were rapidly turned into gun plants. Factories where handsomely carved cabinets and other works of art had been produced were given up to the manufacture of munitions that would cause the world at large to respect us as a military and naval power as well as a great industrial nation. Americans proved their mettle, and Uncle Sam was soon assured that the materials necessary for hurling death and destruction into the German lines and fortifications would be forthcoming in a much

shorter time than Kaiser Wilhelm and his coterie believed to be possible. Still numerous difficulties remained to be overcome. The average American, however, claims as his best asset the quality of versatility. He can be relied upon to adapt himself to any existing circumstances and produce the required article for any occasion which may arise. So the Ordnance Department, having secured the cooperation of all the leading manufacturers throughout the nation, was in a position to assert that the production of all necessary material would be well cared for.

Before guns and ammunition can be transported to the battle front where all success and the very lives of men depend on their effectiveness it must be ascertained that they are capable of doing their part of the work. The guns must be able to stand the stress of repeated firing, the shells must function when and where they are expected to function, and not be a source of danger to the gunners themselves through premature explosions, misfires or hang fires. In short every gun must be proved before it can be used in actual battle, and a sample of every lot of ammunition be found to comply with requirements by a proof officer who knows what the requirements should be before it can be placed in the hands of the cannoneers for use against the enemy.

The proving of guns and ammunition requires first of all a proving ground. Guns cannot be fired for test purposes on a city lot or in a farm yard. A vast area is necessary to provide sufficient range for the monsters that pour out death and destruction. A water front is necessary for the testing of naval guns and sea coast mounts. But one of the chief requisites when a site was to be chosen was a location easily accessible from the chief manufacturing centers of the country. Since about ninety per cent of these leaders of industrial pursuits are in the East it was evident that the great proving ground to be established must be somewhere on the eastern coast of the United States.

In June of 1917 a commission was appointed in Washington to choose a suitable location for the trying out of the actual fighting materials which were to be manufactured in the United States. Some of the guns were to be built ac-



according to French and British models, some according to American models, but all would have to be proved before our boys in France could depend on them to lay down a barrage or help break up the machine gun nests of the Huns. So a great deal of room was needed to perform this work and do it rapidly.

Many sites were considered; small plots of ground were even purchased in various places; but the site finally chosen for the big proving ground, the chief one and the one that was soon to be the largest in the world was the place from which this is written. On the western shore of the upper Chesapeake Bay, between the mouths of the Bush and the Susquehanna Rivers, and extending inland about five miles was a plot of ground comprising some thirty-six thousand acres. In September of 1917 this became the property of the United States Government and the place for a proving ground was ready. Aberdeen, the closest town, is about two hours ride from Washington, two hours from Philadelphia and four from New York, so the requirement of accessibility was fulfilled. That is, it was easy enough to get to Aberdeen, but there remained four miles of mud, deep and black, to traverse before one could reach the proving ground. On the whole, to those who must begin the work with winter approaching and no means of transportation yet at hand, the prospect was far from inviting. Most of the newly purchased land was made up of cornfields, and this meant mud, mud, mud when fall rains set in. There were no buildings to serve as shelter for man or beast. There were no gun platforms or emplacements. There were no railroads or wagon roads to reach the remote parts of the ground. Worst of all, a proving ground on such a large scale was an unheard of venture, and there were no precedents to follow in beginning the work of construction.

On November 17, a small group of men came down from Sandy Hook Proving Ground as the pioneers in the great work that was to be done here in Maryland. No doubt these men had somewhat the same feelings that filled the hearts of our forefathers when they landed on the wild shores of New England more than two centuries ago. Certainly there was nothing here to make the place look like a proving ground, an army post, or anything else in which men are to live, or any kind of an organization is to exist. Hastily a few barracks were

thrown together, a building was erected for a storehouse, the Quartermaster Corps found quarters with the Post Exchange, and the vanguard was ready to face the vigorous winter of 1917-18. By December there were twelve barracks and a few other buildings ready for use, and construction was going on at a rapid rate. Despite the mud that became deeper every day, despite the lack of transportation facilities, the work progressed. The Maryland Dredging and Contracting Company had taken the contract to do the construction work, and be it said to their credit, they never faltered at the task they had accepted. All during the month of December, supplies and material of all kind had to be hauled from Aberdeen as the railroad did not put in its appearance until early in January. The first Christmas at Aberdeen Proving Ground was hardly calculated to inspire feelings of joy and hilarity; but many stories are told of the good times when there were only enough men here to make one big happy family. The spirits of the men could not be dampened by mud, rain or snow.

Lieutenant Kerr was the first officer on the post, and for some time the only one. To him fell the work of detachment commander, officer of the day, officer of the guard, and all other duties requiring a commissioned officer. Quite naturally, under such circumstances he dealt with his men in a rather non-military fashion, and relied on them to assist him in his multifarious duties. Men were allowed to go and come almost at will; but this privilege was not abused. A little later Captain W. S. S. Rodgers came to the post and assumed the duties of detachment commander. By the end of 1917, there were half a dozen officers and about two hundred enlisted men besides the civilian employees brought in by the Maryland Dredging and Contracting Company.

All the time guns were being dragged through the mud, horses and machines were getting "stuck," men had to pull themselves out by the boot straps, but the work went on. Early in January the last consignment of officers and men from Sandy Hook arrived to join the forces already at work. It was also in January that a commanding officer was chosen for the post. Men who were familiar with Ordnance were few, and a commanding officer was not easy to find. But Colonel William A. Phillips, a man who had left the army at the beginning of the European War to become general mana-



ger of a large industrial concern which was to manufacture munitions for the Allies, came back to the military service when the United States found it necessary to become a belligerent, and was on hand to fill the position. In Colonel Phillips, the Ordnance Department found a man who combines the qualities of leadership with those of affability and a broad human sympathy which gains for him both the admiration and respect of all those whom he commands.

It was early in January of 1918 when Colonel Phillips came to Aberdeen with Colonel C. L. H. Ruggles who was commanding officer from January 1st to March 4th. Colonel Ruggles was then relieved, promoted to the rank of brigadier general and sent to Washington to take charge of the Inspection Section. Colonel Phillips became commanding officer, and from that day to the present time he has been one of the busiest men in the United States. Under his direction a modern city of buildings has sprung into being. Among these are a refrigerating plant for cooling powder in summer and a heating plant for winter that have worked wonders in helping to make important discoveries whereby the range and effectiveness of projectiles may be increased.

During the early months of 1918 proof firing was done on a small scale in the face of the greatest difficulties but each day the scope of the work was increasing, new guns were arriving and men being trained to operate them. In the meantime the railroad from Aberdeen to the proving ground was built, and almost four miles of the distance through which all supplies had to be transported was thus covered much more easily. As rapidly as possible tracks were built extending to the front and to various other parts of the proving ground. In a few months trains were running to the Main Battery, the Water Range and the Trench Warfare Range. This made it possible to get guns to the places where they were to be fired without so much Herculean labor on the part of the men. So gradually as construction work progressed proof firing, the real activity for which the post was established, gained in volume. The domain of Colonel Phillips resounded with the roar of guns, and the work of supplying thoroughly tested equipment to our boys at the front was well under way.

Steadily week by week the enlisted personnel of the post continued to increase. Men

were sent from various recruiting stations all over the country, men of all trades and professions, until a more cosmopolitan crowd would have been hard to find. There were blacksmiths, tailors, lawyers, bakers, engineers, pastry cooks, stenographers, clerks and a good many miscellaneous specimens of humanity among those who found their way to the shores of the Chesapeake. Due to the rapid influx of men and the lack of proper methods of classification blacksmiths were put on bookkeeping and clerical jobs, while the lawyers and stenographers were put to digging ditches or doing kitchen police. These assignments caused a great many complaints especially from those who raised blisters on hands unused to toil; but as classification cards were filled out men were placed where they would be of the greatest service to the cause. Mathematicians were assigned to the Ballistic Computation Division, mechanics to the many repair units necessary to keep both guns and machinery of all kinds in working order, and every man was set to do the work at which he was most efficient. Organization and efficiency increased, and the capacity for work grew by leaps and bounds.

Besides the classification and assignment of the commissioned and enlisted personnel another great problem was solved when the services of highly trained civilians were secured to complement the efforts of the quota of men which the War Department was able to spare for the work at Aberdeen. On all parts of the reservation soldiers and civilians worked side by side. Gray headed professors of mathematics left their chairs in large universities and came to offer their services to Uncle Sam. Mechanics left their jobs in various cities and flocked to the proving ground to assist in the work that was more or less directly helping to dig the Kaiser's grave. A great many of these civilian employees later donned the khaki and gave up the high rate of pay they were receiving to be more directly connected with the service. All of these assistants had to be quartered and fed, and this added to the mammoth program of construction that had to be mapped out and completed.

Our little city continued to grow and by May there were some thirteen hundred enlisted men with about half that number of civilians engaged in the work of the Post. In passing here we must mention a group of the civilian employees who contributed no small part to the



work done, and this group consists of some three hundred girls who came to the Proving Ground day after day in all kinds of weather to assist in the immense amount of clerical work that was to be done. Many of these girls left comfortable homes and lived in cramped quarters. Many of them came from great distances and left urgent duties at home. Surely when enumerating those who helped to win the great war, the names of these girls should receive a prominent place.

In May anti-aircraft firing began at the Water Range, and another important branch was added to the Range Firing Section. The English method of observation was accepted, and soon two large mirrors were located on the Water Range for the purpose of determining the range and accuracy of our anti-aircraft guns. High in the air the red flame and white smoke of the projectile flashed out, showing where a Hun airplane would have been in danger of demolition, while out in the bay shells from the "big boys" were sending up clouds of water and mud as if they were attempting to tear out the very depths of the peaceful old Chesapeake. Every shot was closely observed, every gun was carefully watched and gauged to detect possible flaws in its makeup. Each day the program expanded, and the United States was rounding into form for the death blow to militarism.

One need that was soon discovered was the need for proof officers. This led to the establishing of the Ordnance Training School for the purpose of training enlisted men to be commissioned as second lieutenants in the Ordnance Department. During the war more than one hundred and fifty commissions were granted to men who were graduated from this school, and the shortage of proof officers was thus relieved by wisely choosing from among the enlisted men those best suited by nature and previous training to be leaders. In addition to the technical course in Ordnance work all candidates of the school received careful military training, and so were fitted to serve in line branches of the army should they be called upon to do so.

Another school was also established known as the Railway Artillery School, the purpose of which was to train men to quickly and adequately repair and care for the large railway mounts that were to follow the Germans as they fell back toward the Rhine. The mounting of

these guns on railway carriages made it possible for heavy artillery to move forward almost as rapidly as the infantry, and it was highly important that they should always be ready for use. About seventy-five men were sent overseas from the Railway Artillery School, and another contingent was ready to sail at the time the junkerites decided the way to Paris was too thorny and turned back toward Berlin.

During the months of June and July large numbers of men were rejected for overseas service at the cantonments, and some of these were sent to Aberdeen Proving Ground where men were badly needed both in proof work and in the building of gun platforms and other equipment for the proof firing work. From Camp Dix there came eight hundred men who were more than welcome. The shortage of man power was forcing the men here to work over time almost every night as well as on Saturday afternoons and Sundays. Aside from the regular duties they were also being called on to do guard duty more often than was consistent with the desire of the Medical Department to keep every man in the best of health. In fact a few men were doing the work of many. All these conditions were somewhat relieved by the arrival of more men. Later Camp Dix sent several hundred more, Camp Upton contributed one thousand and Raritan Arsenal managed to spare a few to fill the numerous vacancies at this Post. A great many of these men were sorely disappointed at their failure to get across, and consequently were prejudiced against their new abode. However they soon had their eyes opened to the fact that not all the war was in France. It did not take long for them to perceive that a mammoth work was going on right here at A. P. G. The daily newspapers were not full of the happenings here principally because most of the work was of a secret nature and publication was forbidden. Nevertheless, the work was being done, and some day the world will know just how important a part the men of this Proving Ground played in the great struggle. True it is their work was just reaching its full possibilities when Wilhelm's minions quit; but the results of the work done here would soon have been so strongly felt on the western front that the Germans would have been very sorry indeed they ever meddled with the rights of neutrals on the high seas. They are doubtless very sorry any way.



By September the enlisted strength had grown to five thousand men. There were three hundred and four officers and about six thousand civilians on the Post. On the whole it was quite a different place from the one which had become the property of the government one year before. With all the work that was going on the military organization was not neglected. Under Major C. H. Bandholtz, as military commander, five battalions consisting of four companies each were formed, and army regulations have been observed in all respects. Major Bandholtz is a real soldier, a graduate of West Point and one who believes in the strict observance of all military requirements. His fairness in all matters coming under his jurisdiction has made every man feel that in the military commander of the Post he has a real friend; while his efficiency has won for him the unqualified respect and admiration of all with whom he has come in contact.

We have now presented something like a bird's eye view of Aberdeen Proving Ground as it grew from absolutely nothing to the largest proving ground in the world. It has been impossible to go into detail as to the accomplishments of the separate departments, and all this is covered on other pages of THE BIG GUN. Each has done its part as the statistics set forth will plainly show. The figures which the Proof Department presents are staggering; but they represent the actual work done by that department. The Construction Department has also given data that the average outsider can hardly believe; but the work is here to show for itself. Millions have been spent but to good purpose.

To show what a change one year can make in the physical appearance of a place here are five hundred buildings consisting of homes for officers, quarters for officers, mess hall for officers, barracks and mess halls for enlisted men, barracks and mess halls for civilians, post exchange buildings, store houses, offices, garages and powder magazines. Some of these are temporary, others are permanent; but all have served their purpose during the war. These buildings cover an area of 1,300,000 square feet. Ten miles of concrete road have been laid so it is now possible to get from place to place without calling for assistance. 300,000 square feet of concrete platforms are in use as gun platforms at the fronts. 150,000 square feet of docks have been built on the shores of

the Chesapeake near Mulberry Point. Thirty miles of railroad are in use on the reservation. Twelve miles of water mains are supplying the camp with water from the twelve wells that have been bored. Twelve miles of sewer pipe have also been laid, assuring sanitary conditions for the camp. Three and one-half miles of steam pipe are in use conveying heat from the heating plant to some of the buildings; but the heating system is hardly started as yet. An efficient telephone system has been installed, there being twenty-three miles of pole lines and five miles of underground conduits. All these are being used on the same ground which a little more than one year ago was only a cornfield, and to judge from the blackness of the mud, a very rich one. Truly a city has sprung up almost over night, and here it is to remain taking care that the military equipment is always in condition to compel the respect of those inclined to believe we are "easy" simply because we love peace.

The 271st Aero Bombing Squadron, which arrived on July 4th, has been one of the most active organizations on the Post since that time. They arrived on the day we had "company mess," thought that was our regular bill of fare and were later sadly disillusioned; but their spirit has never been broken. Day after day the aeroplanes have circled overhead, dropping bombs and devising methods by which the aviators in France could do more damage to the Hun. What this squadron has accomplished in a technical and military way is told in its proper place; but here we speak a word of appreciation of a group of men, clean and high minded, who have gone steadily about their every day dork and taken conditions which they met as a matter of course.

Other attached units who did not wear the black and red hat cord of the Ordnance Department were the Medical Corps, the Quartermaster Corps, the Signal Corps or Meteorological Section and different groups at various times from the Coast Artillery Corps. The last named men were here for training under actual firing conditions before going overseas. All the other groups have been fixtures and have had a part in making Aberdeen Proving Ground what it is. What we think of the Hospital detachment and their commanding officer, Major Henry, is told elsewhere; but words are not necessary to make us remember them. The services they rendered during the



epidemic of influenza which swept the country in October and November will ever endear them to the men who served at Aberdeen.

The spirit of the Post has been better expressed by the activities of the men than can be told in written words. The Post Base Ball Team; the Post Football Team; Rapid Fire, the Post Weekly have been some of the indications that a real live bunch of men were here and keeping up their interest in life while serving their country. All services have been rendered with no word of complaint about conditions that could not be helped. We have worked at the front where the big guns roared, we have pounded the typewriters, we have spent weary hours compiling range tables, we have had our

days of leave, we have met for good times at the Y. M. C. A. It has all been a part of the war, and if we have done our bit we are content to retire to civilian life and leave the glory of the war to others. All of us wanted to see foreign service; but fate ruled otherwise. The war has been won. After all that is the object for which we strove.

Aberdeen Proving Ground was established as a permanent Army Post and will continue as such. Most of us will soon leave to return no more, and to those who follow we leave the task of carrying on the work which we have begun, of completing the structure which is now in its infancy, but of which we are justly proud.

M. C. W.

Impressions of an Officer

(Continued from Page 57)

The officer is in constant receipt of the salute from enlisted men, the formal third person and the "sir" are used by enlisted men in addressing him. He is constantly reminded to be on his dignity. There is a popular song which compares the carefree private, who can flirt with every "demoiselle" he meets, to the colonel who must needs remain stiff with dignity as the most winsome of the clan passes by. The writer of the ditty sums it up with the pithy query:

"Would you rather be a colonel
With an eagle on your shoulder
Or a private with a chicken on your knee?"

I recall an occasion, however, when my dignity received a jolt. It was 2 A. M. when, as officer of the guard, I was making a round of the guard posts. "Who's dere," came a challenge through the night air in an accent thick enough to cut. "Officer of the guard," I countered. "Wha's dat," came in an unrecognized tone. Apparently the sentinel was as green as unlettered. "Officer of the guard," I repeated. "Oh yeah," I was greeted, "Corp'ral o' da gard, advance, where's ya pass?"

There have been other compensations for the enlisted man. The Y. M. C. A. and kindred organization "huts" to make him comfortable

and give him an atmosphere of home. Cities opened their hearts and their purse strings to provide amusement, club rooms and lodgings for him, the officer might be far from his accustomed haunts and he, too, might feel the need of a welcoming hand, but let him shift for himself! In fact, so much prominence was given to the fact that this or that dance or service club was exclusively for enlisted men, that one young lady, not yet familiar with army nomenclature, was heard to remark: "Why is everything for enlisted men only? I think it's a shame to treat the drafted men that way, they're just as good!"

The clubhouse of the officer at Aberdeen has been the rather restricted foyer of the "Brick House," so called no doubt because there is nothing brick about it but the chimney and the open fireplace, which latter, incidentally, has often furnished a welcome antidote to the wintry blasts from the Bay. There he has had the privilege of social intercourse with an aggregation of clean cut, virile gentlemen, officers such as would be the proud boast of any army; he has had the intellectual stimulus of contact with trained minds, imbued with the spirit of service and the enthusiasm of accomplishment; and though his part in the Great War has not been spectacular, he has brought to his task the best that was in him. No man can do more.



PREPARE FOR INSPECTION





Headquarters Company

Company Commander:—FIRST LIEUTENANT PHILIP O. POTTS
 Acting First Sergeant:—SERGEANT CLAYTON F. PAULL
 Supply Sergeant:—SERGEANT JOSEPH W. BROGAN
 Mess Sergeant:—SERGEANT CHRIST MICHELSEN
 Company Clerk:—CORPORAL FRANK X. RYAN

COMPANY ROSTER

Ordinance Sergeants—

Bruder, John
 Perley, Joseph A.
 Edwards, Alexander J.
 Snow, George N.
 Smejkal, Frank
 Lund, Alf.

Sergeants 1st Class—

White, Martin C.
 Allen, John F.
 Lippi, Benjamin
 Williams, Charles M.
 Hitchcock, James B.
 Rothblum, David
 Male, Robert, Jr.
 Blocher, Thomas S.
 Henderson, David R.
 Schleder, George

Sergeants—

Bean, Peter H.
 Gibbons, Charles D.
 Lloyd, William
 Harris, Francis W.
 Earnest, C. Bruce
 Roche, William T.
 Carey, David W.
 Jacobs, William J.

Cooks—

Burggraf, Theron H.
 Sandy, Warren R.
 Abbott, Ralph E.
 Shupperd, Fred.

Corporals—

Burchfield, Joseph R.
 Oliviera, Brazil
 Doxtater, Floyd
 Nickelbur, John M.
 Poole, Dale G.
 Suber, Harry A.
 Schramm, Bernard M.
 Palmerton, Joseph A.
 Bonner, John F.
 Christopher, Arthur J.
 Colbert, Raymond S.
 Butler, Lester L.
 Strunk, Raymond V.
 Mayersohn, Solomon
 Cassidy, James E.
 Krebsback, Edward
 Klein, Maurice
 Hitchcock, Henry P.
 Edwards, Thomas A.
 Brady, Edward A.
 Hosking, Frank L.
 Bristley, James M.
 Johnston, George

Grube, Curtis W.
 Ganley, Joseph V.
 Rauscher, Rudolph W.

Privates 1st Class

Beitzel, William G.
 Carpenter, Ralph R.
 Carper, Harold M.
 Cicioni, Gregorio
 Conant, Malcolm M.
 Crossett, Joseph
 Deitzer, Howard
 Edelman, Wilbern G.
 Fox, Hiram J.
 Guinto, Frank S.
 Greiff, Gus O.
 Harrington, James J.
 Hauss, Morris
 Hemp, John D.
 Johnson, Peter
 Keys, James F.
 Latino, Joseph
 Lechner, John
 Lipinsky, Walter
 Lischinsky, Morris
 Lofgren, Thomas
 Lundy, Dallas T.
 May, Frederick
 Molloy, Thomas W.
 Morreale, Rocco

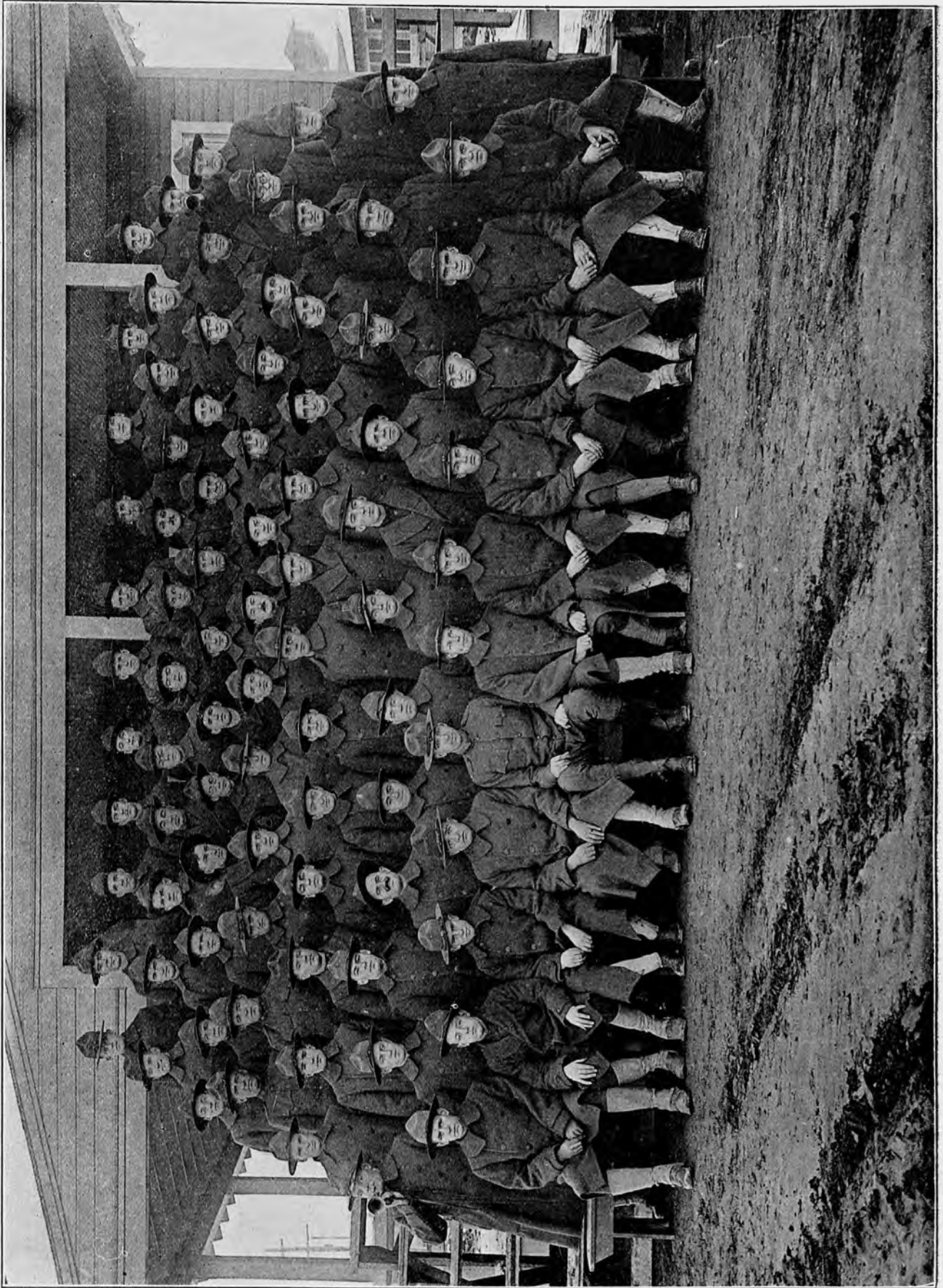
Oberg, David J.
 Porretti, Millichiorre
 Quasse, Leuge
 Rabiner, Ralph
 Sellers, Pearl
 Simon, William G.
 Tichnor, Frank M.
 Turek, Frank
 Walsh, John A.
 Whalley, Frank
 Williams, Marcus H.
 Winters, Douglas R.
 Zoeller, Frank

Privates—

Blatt, Edward
 Coughlin, William
 Eldridge, Daniel
 Ellison, William
 Fatice, Mike
 Guarantello, Nick
 Kerrigan, George
 Koch, Fritz
 Kreyer, Frederick W.
 Madsen, Harry W.
 Maloney, Owen W.
 O'Neill, John
 Pierce, Joe B.
 Walker, Jacob
 Wallace, Smiley
 Wenger, John H.

THE work of Headquarters Company is divided, generally, into three departments. These are Adjutants' Clerks, with 44 men, the Band and Buglers, with 49 men and Fire Department, with 21 men. Besides the Mess Sergeant, 6 cooks and assistants take care of the cooking for both Headquarters Company and Military Police Company. Three men, of railroad ability work for and under the Traffic Department.

The Post Show is well represented by Headquarters Company, 18 men being temporarily transferred to the 6th, or Show Company.





Military Police Company

Company Commander—FIRST LIEUTENANT ALLAN E. BURCHARD
 Attached:—SECOND LIEUTENANT IVAN VANHAFTEN
 SECOND LIEUTENANT F. R. WHITNEY
 Provost Officers Attached:—FIRST LIEUTENANT C. C. COCHRAN
 SECOND LIEUTENANT M. E. DARBY
 SECOND LIEUTENANT M. H. MUNN
 First Sergeant:—SERGEANT FIRST CLASS THOMAS H. BAILEY
 Supply Sergeant:—CORPORAL FRANK W. STOPHLET
 Company Clerk:—SERGEANT WALTER J. SMITH

COMPANY ROSTER

Ordnance Sergeant— Dooner, Edward

Sergeants 1st Class—

Buhrmaster, Frederick R.
 Price, Reece B.
 Genung, Walter L.
 Martin, Willis H.

Sergeants—

Schotoff, Samuel
 Lapidus, Harry
 Bastain, John N.
 Mees, George
 Meyer, Richard H.
 Hoffman, Francis
 Lenard, Thomas
 Larson, Frank W.
 Sandbeck, Edward C. J.
 Brettell, Thomas W.
 Miller, Christian J.

Cook—

Sack, B.

Corporals—

Fattig, William H.
 Belmont, Julius C.
 Hoskins, Stewart C.
 McGillard, John S.
 Tarter, George W.
 Goodman, Robert
 Schulp, George
 Reid, Robert W.
 Downs, William H.
 Allen, Roy
 Cullom, Robert
 Hed, Eric W.
 Mandler, Frank J.
 Robeson, Theodore G.
 May, Louis W.
 Anderson, Ray D.
 Dickman, Olaf
 Finn, Francis A.
 Hart, Jean F.
 Neilsen, Joshua
 Young, Percy H.

Strott, Samuel M.
 Golderer, John E.
 Jackman, William A.
 Zinkand, Richard G.
 Draeger, Edward
 Brown, Emery E.
 Klapp, Wilbur T.
 Richards, David A.
 Wilson, Francis E.
 Motteler, Theodore
 Malone, Sylvester
 Sundin, Gustaf
 Leleceq, C. L.
 Anderson, Roy
 Bissonette, Roy
 Dugal, William J.
 Reed, Irby V.
 Sleeper, Joseph C.
 Vevier, Eli W.
 Schumacher, Conrad H.

Privates 1st Class—

Anthony, Martin E.
 Arent, Joshua J.
 Barton, William F.
 Battale, Herman C.
 Baxter, Richard J.
 Bellamy, Harry
 Boeschell, Maurice J.
 Bowden, Frank O.
 Bowen, Willie D.
 Braunsworth, Harry
 Brown, John J.
 Burleigh, William H.
 Caldwell, Rupert E.
 Cameron, Ronald A.
 Dawson, Andrew L.
 Dawson, Leslie H.
 Cloak, Edward
 Fox, John T.
 Freeland, Howard
 Fritz, Edward P.
 Fullerton, Gurnie
 Gardineer, Robert L.
 Glass, Harold H.
 Goad, Covy
 Grady, Michael F.

Groth, Edward L.
 Harris, Raymond
 Hermans, Walter
 Higgins, Louis L.
 Hoogakker, Jacob
 Huelett, Earnest L.
 Johansen, Peter G.
 Johansen, Carl G.
 Johnsen, Oswald S.
 Kalenberg, Elinar
 Ling, Floyd
 Mantzke, Albert C.
 Marshall, Alvin
 Mayhew, Dallas J.
 McGuire, Alva H.
 Medlin, Redford
 Meyer, Charles H.
 Mitchell, Joe B.
 Muston, Russell
 Osmund, Chris
 Pace, Cecil
 Pelosi, Vincent F.
 Radford, George W.
 Rainbow, Jesse M.
 Rock, Thomas J.
 Roff, Ernest G.
 Smith, John J.
 Stack, John
 Steele, Grant G.
 Stokes, Arnold V.
 Stone, Willoughby J.
 Swanton, Linus J.
 Szeepanski, Walter F.
 Terry, Chester A.
 Timmons, Abraham
 Toro, Angelo
 Trisler, James L.
 Tucker, Hubert
 Ward, Delbert E.
 Weatherford, Charles N.
 Weber, Leonard
 Wood, Calvin J.
 Yount, George B.

Privates—

Abbott, Frank E.
 Benson, Allen

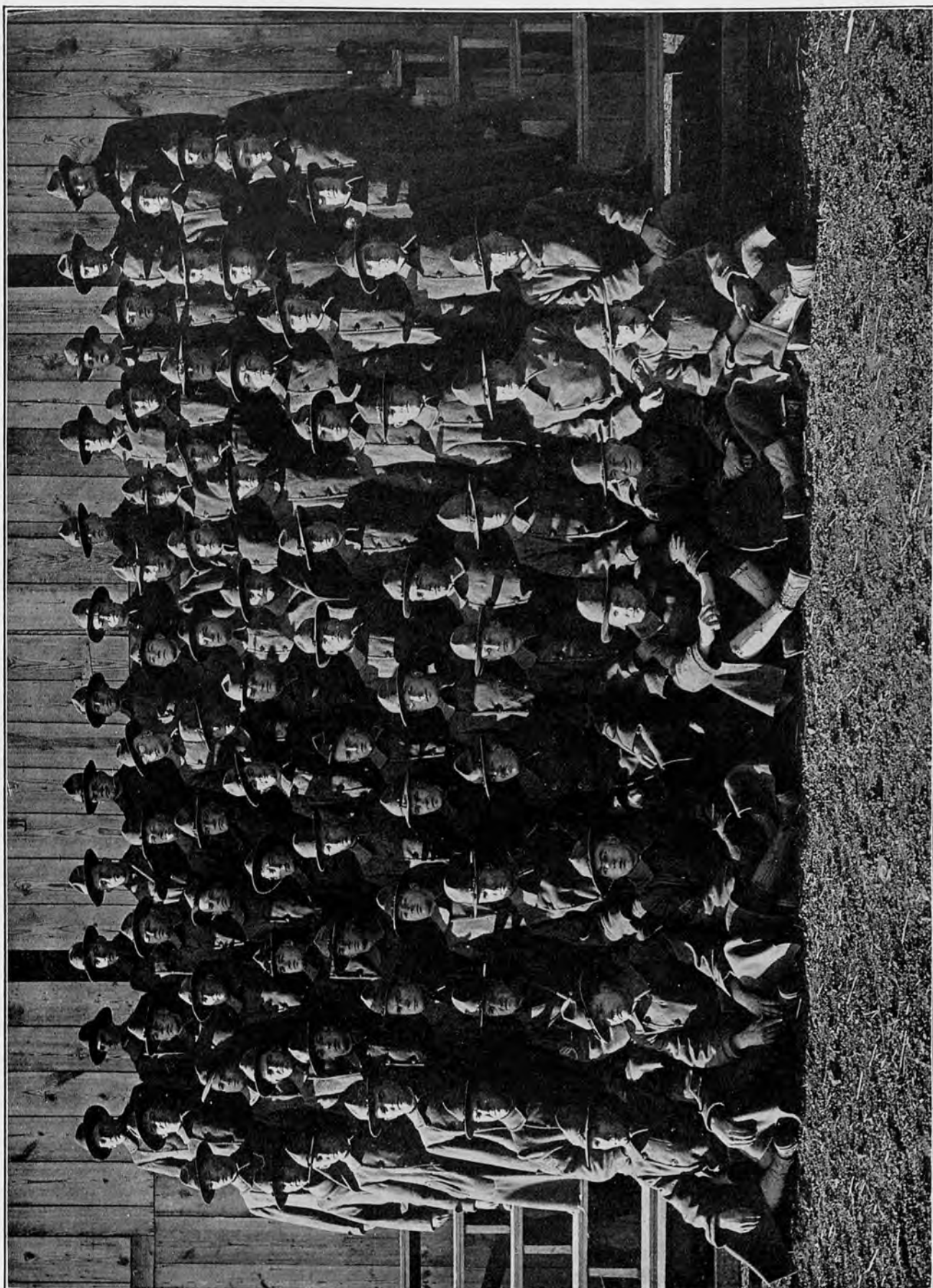
Berg, Carl
 Berry, Cabe S.
 Blanchard, Charles L.
 Bocock, Peter F.
 Bowden, Carl D.
 Brightwell, Richard
 Burch, Clarence L.
 Camden, Merryweather D.
 Carey, William A.
 Carman, Clarence
 Cohn, Maurice
 Conatser, Hubert L.
 Conley, Roy D.
 Crowe, David H.
 Curtis, James A.
 Dalessandro, Antonio
 Dechant, James C.
 Denham, George
 Flavian, James W.
 Flynn, Walter H.
 Gagalino, Gretano
 Garalis, Felix
 Head, William J.
 Herman, Rubin
 Hollenback, Reubin C.
 Hollmaier, Robert J.
 Jagus, Stanley
 Jasinsky, Anthony
 Johnson, Axel B.
 Journeaul, Paul J.
 Junker, Joseph H.
 Kattas, Elias
 Keenan, John J., Jr.
 Kilkenny, Patrick J.
 Kinney, Kilburn
 Kowalke, Otto A.
 Kunkel, Arlow
 Lane, Norman
 Lipscomb, Charles K.
 Maher, William J.
 Main, Dyson
 Mastraetone, Antonio
 McGillivray, William
 McKnight, Andrew J.
 Moran, James
 Morgan, David N.
 Neale, Harry E.

Neely, Alexander L.
 Nelson, Fred
 Nolan, Frederick
 O'Connor, Daniel J.
 Oldrich, J. B.
 O'Malley, Anthony
 Pappalardo, Antonio
 Pearson, Wiley D.
 Pedersen, Ralph R.
 Pepper, Frank J.
 Peters, Henry J.
 Poff, William A.
 Richardson, William
 Richardson, George
 Richardson, Vince
 Rieker, Ira M.
 Riddle, Edgar E.
 Riley, Edward F.
 Robards, Herbert E.
 Rosenbloom, Sam
 Ross, John I. W.
 Sapp, Victor L.
 Schroeder, Walter J.
 Schoeck, Henry
 Schwoebel, E. P.
 Scripture, Raymond L.
 Shearer, Orpal D.
 Sherman, James M.
 Siudowski, Albert J.
 Smith, W. R.
 Smith, Minner
 Sneckner, Irving T.
 Spiers, James M.
 Szmek, George
 Thompson, Joseph S.
 Tonghine, Ernest J.
 Vannetta, Luther
 Valentine, Lloyd B.
 Wahlig, H.
 Wallace, David P.
 Wallin, Carl S.
 Walls, Willie O.
 Watkins, Harry E.
 Watson, Earl D.
 Westmoreland, Robert L.
 Wild, Henry C.
 Zohalsky, Roman

ON May 9, 1918, First Lieutenant G. H. Baker organized the Military Police as a part of the Headquarters Company. The duties of the Military Police, which exist only in time of war, are to guard prisoners, arrest deserters, and maintain order among the soldiers while on leave in the cities and towns adjacent to military camps. As Aberdeen Proving Ground and adjacent water cover approximately a hundred and fifty square miles of territory, outposts had to be established to guard the government equipment necessary for the "spotting" of large calibre projectiles fired into the Chesapeake from the Water Range at Mulberry Point.

Military Police are now on guard at the Main Entrance to the Post, at Swamp Head, Michaelsville, Old Baltimore, Grace's Quarter and Carroll's Island on the Western Shore, and at Howell's Point, Worton's Point, Meeks' Point, Fair Lee Point, Gales Farms, Swan Point and Hunting Field Point, on the Eastern Shore of the Chesapeake. On account of the enormous amount of construction and proof work going on, it was necessary to form an efficient military police system, which was taken in hand by Lieutenant, now Captain, G. H. Baker, who quickly built up an efficient organization by selecting men who are particularly adapted to this work. On November 11 Captain Baker was appointed Post Adjutant and was succeeded in command of the company by First Lieutenant Allan E. Burchard, who has maintained the efficiency of the company, assisted by First Lieutenant C. C. Cochran, Second Lieutenant Van Haften, Second Lieutenant M. E. Darby and Second Lieutenant F. R. Whitney and the noncommissioned officers of the company. The untiring efforts of "Top" Sergeant Bailey have contributed greatly to the present high state of efficiency of the company.

Second Lieutenant W. H. Munn, fuel officer of the Post also attached to the M. P. Co., has kept the boys happy by furnishing to the mess halls and barracks kindling wood and other fuel, which is always needed by them.





Company A--First Battalion

Company Commander:--LIEUTENANT R. F. HUNT
First Sergeant:--SERGEANT FIRST CLASS HENRY J. KING
Acting Supply Sergeant:--CORPORAL EDWARD A. GLATFELTER
Company Clerk:--PRIVATE CHARLES W. MORGAN

COMPANY ROSTER

Ordnance Sergeants--

Smith, J. H.
Burdick, C. H.
Galland, J. H.
Fried, Albert

Sergeants First Class--

Davenport, Clarence
Shumaker, Clarence
Sheehan, Emmett L.
Oxe, Joseph, Jr.

Sergeants--

Stahl, Julius
McCullough, John
Stapleton, John
Lamgenstein, Alfred
Hoover, Ona R.
Hooper, J. M.
Redden, H. P.
Mulvey, Wm. J.
Fichtenbaum, Morse
Poughkeepsie, Frank
Mack, Otis F.
Flynn, J. J.
Hoffecker, J. V. C.

Corporals--

Murphy, Thomas
Torvik, Carl
Chambers, Charles A.
Gray, Edward
Mooney, Wm. J.
Potter, John
Soderwall, L. B.
Manning, P. J.
Carey, Wm. J.
Flanagan, James F.
Thorner, Joseph
Grasmick, George E.
Kelly, G. W.
Goldman, J. D.
Weinstein, N. E.

Seiter, Charles K.
Vermere, Earl J.
Ames, Harold E.
Moore, W. W.
Stewart, Glenn A.
Leonard, Thomas J.
Early, J. H.
Busby, Karl E.
Bozarth, A.
Birkhoff, David E.
Bruce, Elmer
Cardin, H. C.
Dawson, Edward
Mooney, Logan S.
Smith, E. W.
Johnson, E. W.

Cooks--

Knowles, Charles L.
Ralston, Frank
Naumes, Placidio
See, Glenn
Korman, Edward

Privates 1st Class--

Foster, Harry A.
Gilman, Meyer
Guerin, Earl
Jacobs, Harry J., Jr.
Kelly, Martin L.
Molanaire, Gus
Sabas, Mike
Miller, Clement L.
Bernhal, Carl
Childress, Charles
Lajeunesse, Roger
Stefanick, Frank
Dodge, Wyllis O.
Rasmus, Charles
Meyers, Wm. M.
Luh, Charles
Davis, R. E.
Bernhardt, H. J.
Rosenberg, Max

Wilson, James
Gaudreau, Leon L.
Burdick, W. F.

Privates--

Anderson, A. A.
Addison, Valentine
Alexander, M. S.
Allegretto, A.
Borello, William
Brode, C. W.
Bowes, Albert T.
Breeding, J. E.
Bzullak, John
Bagley, Hubert J.
Baum, Harry
Boncorso, Louis
Basso, S.
Bain, Ira
Bartenow, Samuel
Brown, George
Campbell, Hugh J.
Coppenger, J. C.
Calloway, Guy C.
Cammerini, D.
Conchis, J. J.
Cox, George
Costello, William J.
Cologero, Pitta
Chenofski, John
Coyne, Anthony
Carr, William B.
Cardell, M.
Conroy, Alfred
Cohen, Harry
Casey, Bert
Coker, Ike C.
Carey, J. B.
Cowell, H. U.
Crowl, Stace
Dewese, Clyde
Dolorwealski, P.
Downoroviez, J.
Damalias, A.

Dean, Bernard J.
Denchy, M.
Dunagan, Mobrey
Dolskis, J.
Drayer, A. L.
Dooley, C. J.
Dimel, L. F.
Donaldson, F. G.
Diffin, Oscar
DiPietro, Louis
Dragotta, B.
Edwards, Roland
Elder, Frank
Fillion, Raymond
Fallacara, Frank
Fox, Jesse
Frey, Phillip
Ferris, Solomon W.
Gilman, Samuel
Gosiewski, Zignont
Gay, Elijah
Gittleson, Martin
Golden, Wiley
Gary, G. D.
Gasper, George
Goldstein, N.
Hentz, Emile
Henchy, John
Heston, L. R.
Handley, C. A.
Hinrichs, A. F.
Harden, S. A.
Jonas, George F.
Keenan, Theo.
Kuschel, Leo P.
Kessock, Steven
Katz, A.
Katzman, M.
Lambert, A. J.
Lange, W. D.
Laxton, C. A.
Lock, Fred
Leonard, A. F.
Lapidus, R.
Loveridge, C.

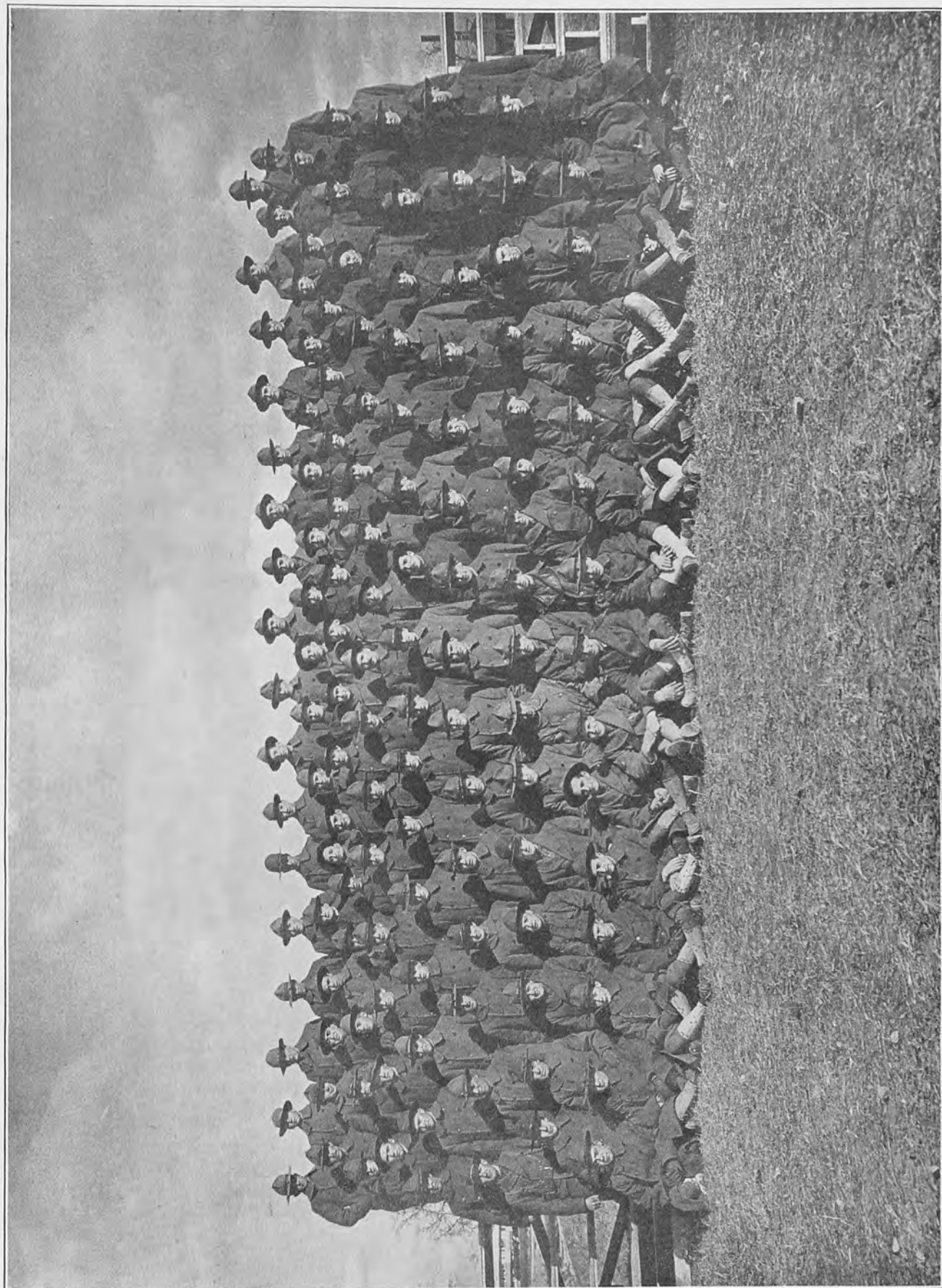
Matson, Leander
Medlock, T.
McGeehan, Anthony
Marlatt, E. L.
Miller, Roy
Monaco, E.
McCorriston, Richard
Mancino, D.
Meadows, Orvil
Magner, R.
Morrissey, Leo P.
Mooney, C. P.
Napoliello, R.
O'Donnel, E.
Perry, Alfred E.
Pribula, George
Pluta, A.
Paton, Robert F.
Quong, Wong B.
Roper, Charles
Ratliff, Paul E.
Reeves, J. P.
Scoles, John
Stewart, J. C.
Smith, Fairfield C.
Soeffing, William
Stoelzle, John P.
Spilman, George H.
Scott, Cecil H.
Schodinger, R. G.
Stover, L. G.
Scarramuzza, F.
Stewart, Gordon E.
Schaefer, Phillip
Tee, Stephen
Taylor, Albert W.
Turney, L. E.
Tarbert, A. H.
Tevs, Carl
Untiedt, J. H.
Vandenburgh, A. L.
Woods, Finnis
Witt, Paul I.
Whitehouse, H.
Yarashunas, A.

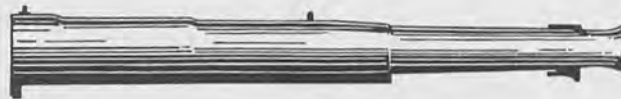
A COMPANY, the pioneer of the Post, was organized in the early part of January, 1918. The original personnel of the company consisted almost entirely of men transferred to this Post from Sandy Hook. Before January, 1918, there were no companies and the men here were simply referred to as being on detached service under Lieutenant Kerr.

At the time of the organization of companies "A," "B" and "C," Captain Rodgers, the first company commander, was assisted by Lieutenant Sharp and Lieutenant White. This was in January, 1918. At the time of Captain Rodgers' appointment as Detachment Commander, Lieutenant Sharp took charge, and remained in command until a few days before the first general reorganization of the companies according to details, in August, 1918. For a very short time Lieutenant Parks was in charge, but was succeeded by Lieutenant Hunt, the present commander, on September 15, 1918, when the system of having the officer in charge of the detail also in charge of the men in the company was first inaugurated.

Since the infancy of Aberdeen Proving Ground, the men of "A" Company have always played an important part in the work. A detail of men from "A" Company were right there and on the job when a lady from Washington fired a 3-inch Field Gun in the presence of the Chief of Ordnance, on January 2, 1918, the first shot fired at this Post. A large part of the work of unloading and placing the first guns to arrive here was done by men from this company.

When the first general reorganization occurred in August, 1918, the Chronograph, Photographic, Timekeepers Instrument, Powder Bag Plant, and Powder Magazine men were assigned to "A" Company. The work done by these men is of great importance, and requires more than ordinary ability. The Photographic and Instrument men are specially trained as well as the Timekeepers and Chronograph men. The work of developing powder bags for all calibres of guns has been done largely by the Powder Bag Plant men, and all charges for the "big guns" at the front are assembled by the powder magazine detail. Increased efficiency has always been the watchword and this has been responsible for the large amount of work done by practically the same detail as previously did but a small part of the work it is now performing.





Company B---First Battalion

Company Commander:—CAPTAIN H. L. WHITE
First Sergeant:—ORDNANCE SERGEANT DUDLEY OCKENDON
Supply Sergeant:—SERGEANT EDWARD B. HOYE
Company Clerk:—SERGEANT ERNEST V. GOODWIN

COMPANY ROSTER

Ordnance Sergeants—

Ockendon, Dudley
Thulin, Frank
Ferguson, Harry E.
Mooney, Michael J.

Sergeants 1st Class—

Allen, George H.
Kircher, Cecil D.
Tranter, John H.
McGuire, Edward

Sergeants—

Slattery, John J.
Griffin, William
Sollers, James T.
Gerdwin, Ralph C.
Goodwin, Ernest V.
Lieb, George
Gilbert, Bert
Baird, Roy S.
Ferrin, Harold
Harbison, Robert J.
Wilson, Albert C.
Barker, Arthur
McDorman, Austin C.
Marshall, Daniel V.
Hoye, Edward B.

Corporals—

Kolb, Wm. L.
Miller, Roy D.
Heck, Herbert
Slupski, Wm. F.
Arends, Wm.
Inkenbrandt, Chas. P.
Scalley, Joseph J.
Farley, Peter E.
Williams, John A.
Melvin, Alvah C.
Mock, Wm. G.
Anderson, Carl E.
Crisman, Wilson T.

Daniels, Ira E.
Frazier, Roy E.
Froelick, Albert
Harsh, Lester P.
Lynn, Curtis W.
Marinucci, Pasquale
Meyer, Carl T.
Murray, Roy S.
Robson, Wm. G.

Cooks—

Swiderski, Anthony
Solomon, Joseph
Hutter, Edward G.

Privates 1st Class—

Aronson, Louis
Biegaj, Peter E.
Clark, Andrew M.
Curtin, Charles
DeVoe, Everett
Haydon, Higbee P.
Henkey, Herman G.
Monette, Rene V.
Penny, Frank
Ruhf, Harold J.
Scotfield, Chas. F.
Wallace, John J.

Privates—

Apkes, Albert N.
Badger, Robert H.
Barnard, Floyd E.
Barruso, Camille
Beatty, Geo. O.
Beckman, Henry G.
Beecher, John
Belter, Samuel
Berry, William
Berweicz, Benj. F.
Bilek, Rudolph
Bilyou, Roy S.
Birchett, John D.
Blair, Wesley A.
Blaisdell, Warren D.

Brasca, Domenico
Brockoff, Raymond J.
Buron, Royal E.
Byrne, Barney
Caffrey, Thomas F.
Coughlin, Wm.
Davis, Bernice
Deariso, Carl W.
Dede, Edward M.
Deegan, Henry J.
Dewey, James F.
Dickerman, Walter
Dimmick, Francis I.
Diveski, Andrew
Donnantuoni, Geo.
Driggers, John D.
Drude, Wm. F.
Eberhardt, John C.
Emond, William
Engels, Gust
Ertell, Elmer
Esposio, Joseph
Fabrizio, Vincenzo
Farner, Harry E.
Ferguson, Carl
Ferris, Eugene
Finnell, Thomas P.
Garton, Glenn B.
Gerogina, Joseph
Geraci, Antonio
Gilmore, Frank R.
Godinis, Joseph
Goldberg, Simon
Goldstein, Harry
Grabowski, Norbert
Green, Otis O.
Greer, John
Guarneri, John
Hanes, Chas. R.
Hannon, Raymond J.
Harmon, Arnold S.
Harrell, Frank H.
Harris, Everett
Hauenstein, Lester R.
Herdeen, Charles M.
Holmes, Charles E.

Hornung, Wm. L.
Hovenstine, Elsworth
Island, Clinton H.
Jackson, Will I.
Jenkins, David
Johnson, John H.
Jones, James
Jones, Walter
Jordan, Buford
Jordan, Lowery M.
Kane, John T.
Kapper, Leo
Karalunas, Anthony
Katz, Jacob
Keeter, Benjamin
Keough, John H.
Kielczewski, Steve
Kimmel, Arsie W.
Kopinski, John
Kopishke, Arthur C.
Koscielniak, Steve
Lostro, Walter
Kurnich, Joe
Kurzmariski, Stanley
Lambert, Anthony J.
Lane, Edward
Latkowitz, Samuel
Laumb, Joseph
Lehwaldt, Arthur J.
Lencer, Noah
Long, William
Lovett, Frank
Lord, Arthur C.
Lueddecke, Louis N.
Lund, George A.
Lunette, Giachoni
McHugh, Joseph H.
McInerney, Stephen D.
McKnight, Thomas E.
Maculewicz, Frank
Malaczewski, Walantine
Makarewicz, William
Malare, Vinnue
Mangoni, Ermengildo
Macachek, James J.
Mantz, William C.

Mauler, Emery
Meyer, Bruno C.
Michilet, James
Miller, Calvin
Moon, Oren H. C.
Montgomery, Edgar L.
Morgan, Albert R.
Morrissey, John F.
Nally, Frank
Neary, James T.
Nell, George A.
Newman, John H.
Nobles, Capers
Nobles, Robert
O'Connor, Marcellus
Olsen, Thorlief
Paynter, Wilfred W.
Parks, Gurna
Peppel, Hosea R.
Perrin, Howard M.
Perkins, Clay
Phillips, John J.
Phillips, William
Posey, Gordon L.
Pulley, Basil C.
Raubach, Frederick W.
Reynolds, Gola
Reichart, Albert J.
Rice, Norman E.
Robbins, George G.
Ryan, John
Schmidt, Arnold B.
Schreiber, Harry
Schwingel, Lewis A.
Shaffer, Isadore
Shubinsky, Morris
Simone, William P.
Simpson, Vesta L.
Stafford, Joe H.
Stambaugh, Harvey A.
Stickney, Harold A.
Stover, Albert C.
Toscano, Samuel
Wetherington, Ira
Wood, James

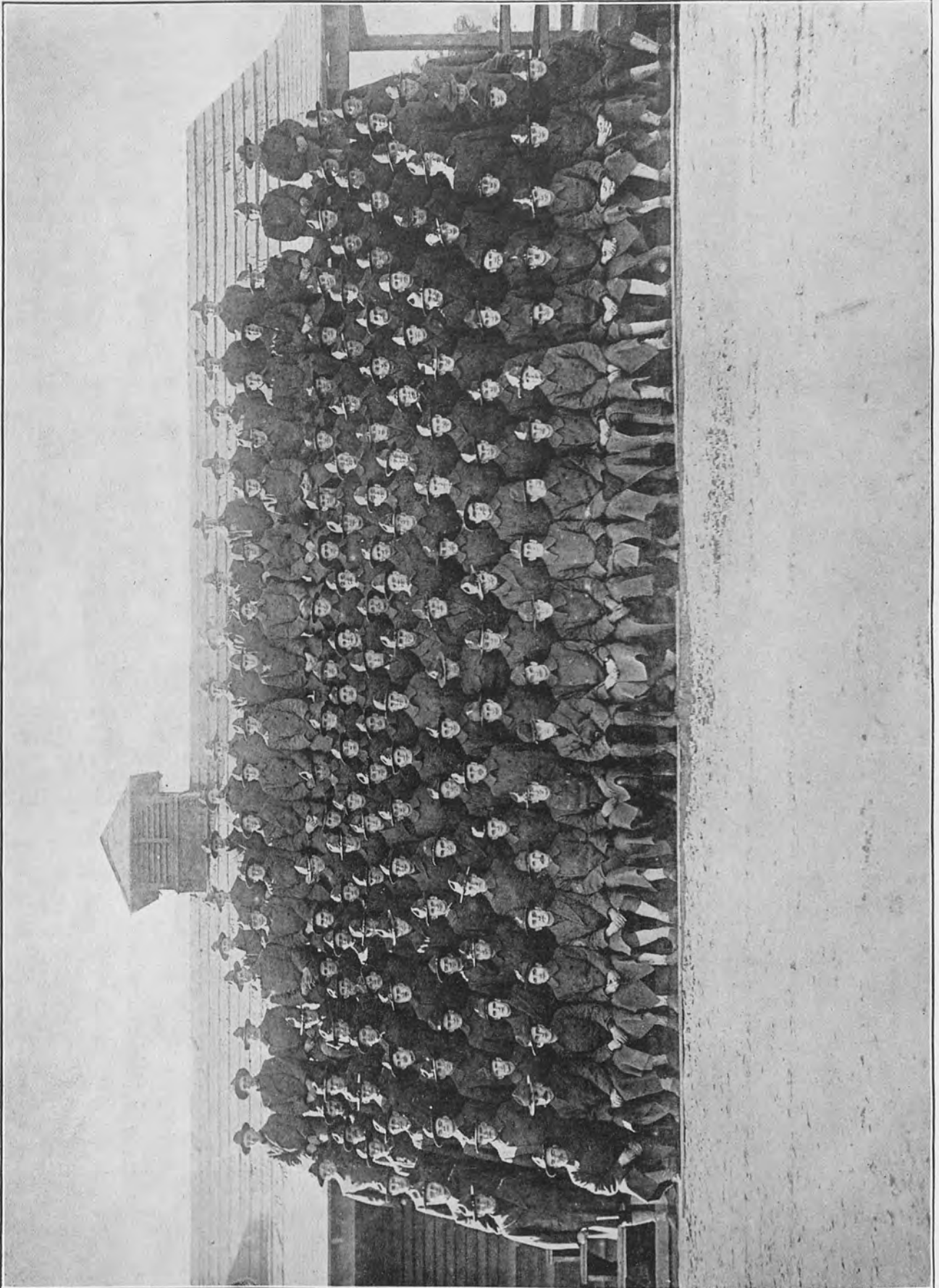
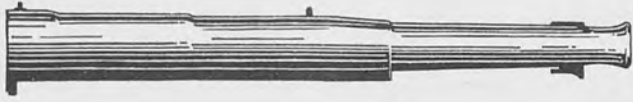
THE history of "B" Company may truly be said to be at one with that of Aberdeen Proving Ground. For "B" is one of the pioneer units and traces its origin back to those great old days when A. P. G. was famous more for its snow and mud than for its achievements as a proving ground.

On January 10th of the present year the Ordnance Detachment was split into units, and Company "B" came into existence as Section "B," with First Lieutenant E. A. McGuire, Jr., as section commander. Ordnance Sergeant Dudley Ockendon was Acting First Sergeant. Despite the many changes incident to the development of the Post, Sergeant Ockendon remains as First Sergeant of "B"; the only one of the original "top" sergeants acting in that capacity at the present time.

Life on a permanent post presents but few high lights to break the monotony of the general routine, but it is of interest to note that a "B" Company corporal was the first to raise and lower the colors upon this Post. During the early summer, the spirit of civic pride grew strong, and "B" men spent many off duty hours at the work of beautifying the surroundings about the barracks. But, alas and alack! Shortly afterwards the company was moved to new barracks and other companies enjoyed the fruits of our honest toil. "B's" athletic endeavors were uniformly successful during the summer, until the grand transfer, late in August, when athletics came to an abrupt and decisive ending.

Lieutenant McGuire was transferred to Company "M" during the latter part of September, being succeeded by Captain H. L. White, as Company Commander, and Second Lieutenant Joseph F. Sweeney, as Assistant Company Commander.

(Continued on Page 172)





Company C--First Battalion

Company Commander:—CAPTAIN E. W. BOLEY
First Sergeant:—FIRST SERGEANT LAURENCE J. TRAVERS
Supply Sergeant:—CHARLES W. ENGEL
Company Clerk:—ERICH H. DAUBENDINK

COMPANY ROSTER

Ordnance Sergeants—

Dial, Dock B.
Dondero, John C.
Field, William
Smith, James M.
Stegman, Charles

Sergeants 1st Class—

Adams, Louis P.
Hardy, Stephen
Hesler, Daniel M.
Keen, Charles W.
Travers, Lawrence J.
Sorrell, Bart

Sergeants—

Atkinson, Ardis E.
Engel, Charles W.
Faudrin, Victor C.
Fink, George E.
France, Robert C.
Lomuscio, Anthony
Macсата, William
Tracey, Kenneth N.

Corporals—

Aloysious, Harry
Breen, George J.
Bristow, James P.
Calvin, Vere
Card, Frank
Daubendink, Erich H.
Deal, Raymond
Erb, Myron G.
Eytinger, Milton
Fletcher, Clyde L.
Freese, John F.
Grossman, Louis G.
Hart, Harold
Hershberger, Ray
Isaacson, Charles E.
Kuntz, William F.
Lentz, Fred C.
McCarthy, William
McLeland, Clyde L.
McManus, Earl H.
McNiel, Felix G.
Mannion, Michael J.
Moore, William A.
Nielson, Howard B.
Perkins, George L.
Piepenbrink, Erwin H.
Pierson, Walter A.
Vanderpoppe, H.

Cooks—

Anderson, George
Burri, Leo C.
Hyde, Floyd
Imhoff, Harry H.
Baur, Robert C.

Privates 1st Class—

Bates, Robert P.
Blackburn, Garnet
Brogan, Francis L.
Byerly, Murry
Cameratta, Guiseppe
Campbell, Russell E.
Chasteen, Joseph
Daley, John J.
Deacon, John W.
Graham, Ernest
Fults, Russell F.
Gustafson, Carl C.
Kenville, Albert
Lauerma, Alex. J.
Mauser, Anthony J.
Naughton, James B.
Niepenberg, William J.
Votry, Ezra J.
Wells, Bertram A.
Wilson, Daniel E.
Wilson, Nic

Privates—

Adiletto, Carnio
Alexandropolas, Dekoas
Allen, Clifford E.
Anderson, Anders V.
Barbato, Antonio
Barr, Charles H.
Bartules, Charles
Bassetti, Luigi
Bernardi, Guiseppe
Betlewics, Charles
Burzynski, Gabriel
Calman, Paul H.
Camuti, Michael
Capiotos, George
Capobianco, Guiseppe
Capponi, Fiorindo
Carl, Arthur
Carlson, Albert
Chrisco, Walter B.
Cinti, Siss
Cohen, Samuel A.

Conroy, Joseph F.
Coutre, James
Crosby, Benjamin F.
D'Ambrozio, Leonardo
Danielan, Daniel
Dary, Mark F.
De Lue, John
Dempsey, William H.
Dorey, James F.
Earl, Maurice L.
Ebed, Mohammad
Engelman, Henry J.
Farruggia, Frank
Fassilustis, Gosst
Festoso, Umberto
Fox, Floyd M.
Gerber, John
Gibson, Henry
Goodmon, I.
Green, Cornelius B.
Greenbaum, Morris
Hamnot, Otto
Hanrahan, Stephen E.
Harrison, Roy N.
Himsl, Frank X.
Hollander, Harry
Johnson, Algot H.
Joseph, Abraham
Joseph, Samuel
Kaltafon, Alvin
Kenny, Thomas
Kerwin, Frank J.
King, Arthur M.
Koshnoffsky, Nathan
Kozl, John J.
Krevetsky, Alexander
Krosnicki, Wladyslaw
Landis, Arthur C.
Lapresti, Salvatore
Leone, Sam
Lozito, Michael
Martin, Michael A.
Meierdieck, Henry H.
Milton, Albert L.
Miller, Charles
Mills, Robert H.
Mizo, Fred
Mosher, Clarence C.
Nakas, Theodore
Nelson, Albert
Netti, Sarvino
Ofena, Nicolo
Paciorek, Michael

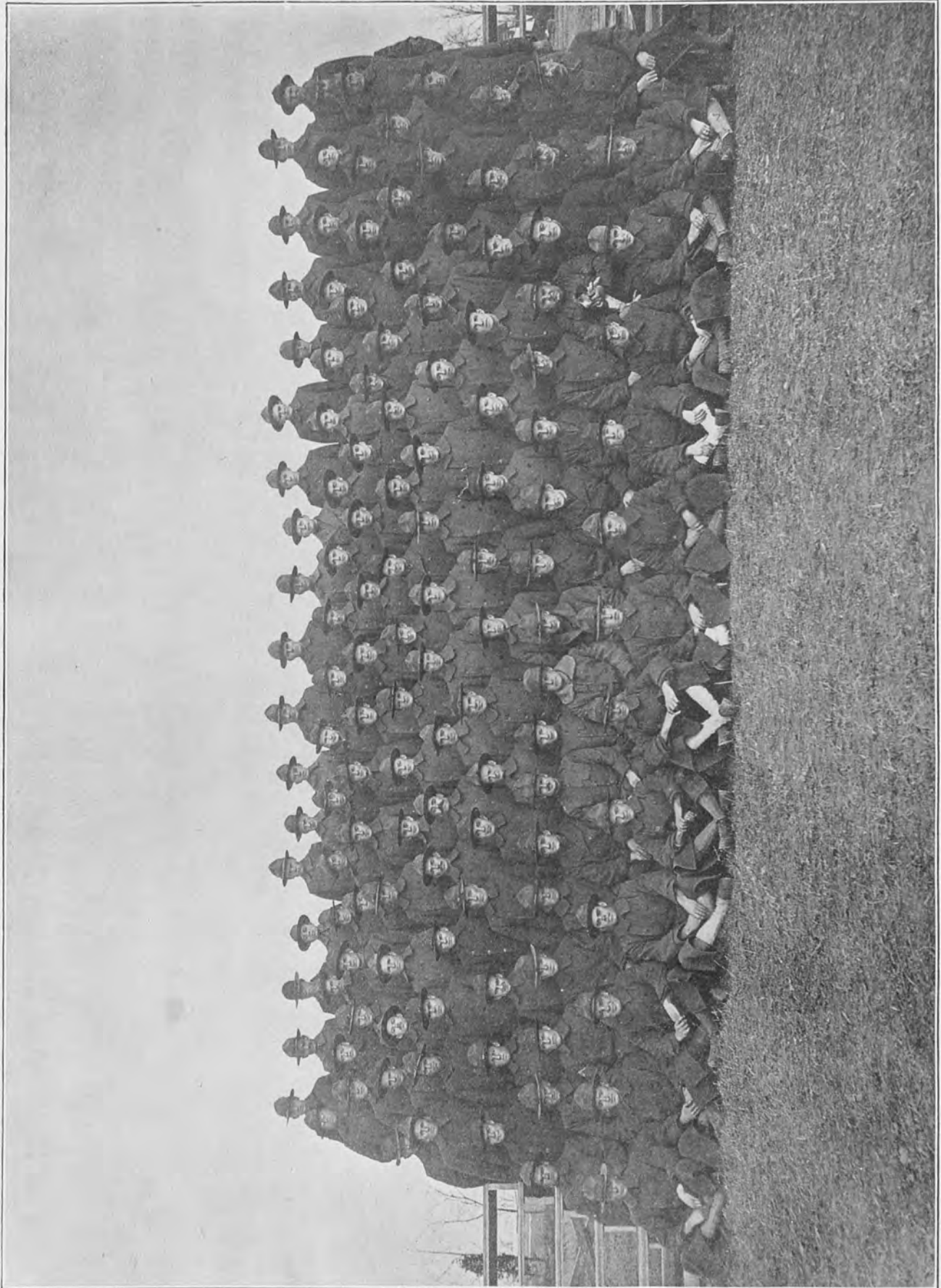
Pado, Vincent
Palmeri, Paolo
Paone, Domenico
Paquette, William J.
Parsons, Oscar
Pearson, Axel
Peterson, Charles
Pigaga, William
Purcell, James
Purcell, John L.
Ragazinski, Stanley
Rathman, John Herman
Rauco, Angelo
Reed, Albert
Rotondo, Guiseppe
Ryan, Edward J.
Salamone, Jasper
Sandquist, Carl L.
Santella, Michael
Savino, Frank
Scheive, Walter H.
Schuckis, Frank G.
Seullin, Henry A.
Sederek, Vasily
Sexton, Thomas J.
Smith, John C.
Stephens, Jesse
Stevenson, Robert
Swanick, Martin
Swecker, Howard
Taube, August
Tobias, Benjamin
Tribelio, Albert
Tucker, John A.
Ulganik, William
Uri, Angelo
Van Amburgh
Vinovich, Louis
Waters, James M.
Weick, Joseph J.
Weiss, Herman
Wessel, Herman
Wishner, Hyman
Walezick, Stanley
Wood, Thomas
Worboys, Chester J.
Wychahulsky, Martin
Yanius, Charles
Zahn, Louis
Zakofsky, Stanley
Zelenkas, Charles
Woodward, Elmer

THIS company, which is one of the oldest on the Post, was organized in January, 1918, under the command of Captain Day. The majority of its members were transferred here from Sandy Hook Proving Ground, where they had previously obtained considerable knowledge in proof work.

Soon after the organization was formed the men were assigned to almost every important detail in camp, and, within a short time, the company was regarded by all as one of the most competent on the Post.

Many changes took place, however, as the work of the Proving Ground developed. In August, 1918, when practically all companies were reorganized, Company "C" lost a considerable number of its members, which were, however, replaced by new men from various other companies. Under the new plan which went into effect with the general reorganization, the men of "C" were detailed for duty at the Assembly Plants, Main Proof Battery, High Explosive Magazines and various other details. This arrangement proved very successful and has been followed out since.

The company at present consists of 200 men and is commanded by Captain E. W. Boley, who is assisted by Lieutenants Abbott, Field, Porter and Wagner. Lawrence J. Travers is Acting First Sergeant.





Company D--First Battalion

Company Commander:--FIRST LIEUTENANT CHARLES M. NEIMAN
First Sergeant:--FIRST CLASS SERGEANT FRANKLIN C. KNOCK
Supply Sergeant:--SERGEANT CHARLES F. SALKELD
Company Clerk:--SERGEANT LEON J. MCCARTHY

COMPANY ROSTER

Sergeants 1st Class-- Forrest, William C. Henritsky, Robert E. Leive, Frederick Knock, Franklin C.	Cooks-- Brennan, John Fremont, Frank A.	Privates 1st Class-- Alonzo, Gennaro Annunciata, Thomas Frey, George P. Jackson, Harry McElwain, Rosario Peck, Harry A. Belka, Walter Cafferty, Earl R. Greenfield, Chauncey Keller, Reuben Philyaw, Frank G. Schilling, Otto	Privates-- Addeo, Anthony Adduce, Leonard Arslampanaglou, A. Bambolous, Joseph Banke, Charles Bednarz, John Berryman, Harry Bishop, Walter Boehm, Paul Botti, Luigi Bradley, Jeremiah Brown, Cliff Brown, Joseph Buckiewicz, A. F. Bunts, Edgar P. Buskool, Henry Campanelli, Donato Canigliro, John Cartella, Clementa Cicotta, Vincenzo Chincoli, Vincenzo Clover, Trigg M.	Codini, John Condos, James A. Comaio, Lenardo Conte, Paulo Corvi, Andrew Craven, G. L. Cugamatch, S. D'Armiento, Rocco DiPaul, Joseph Dorosko, Michael Dreher, Carl J. Durkin, John Eacavou, V. E. Edelson, William Esposito, Angelo Farkas, Joseph Ferrell, Frank Finnegan, Robert J. Firkal, Alex. Fischer, William C. Florio, Tomasso Fowler, John Franks, Charles Friedman, David Gallagher, William D. Gentry, Arthur F. Giammichele, Rocco Giamei, Alfredo Georko, Joseph Glowski, Stanley J. Goldberg, Samuel Gottschall, Charles Grabiecke, Feliko Grimes, William E. Guido, Mauro Guinon, Matthew Haber, Fred A. Hansen, Peter Hayward, William D. Hejl, Joseph L. Halpern, Philip Henderson, Frank	Hoffman, John J. John, Gust Juisseppe, C. Kalnowski, Victor Kasket, Louis Kenney, Frank L. Koshkarian, B. S. Lamlvo, Stava Landenwisch, Robert Lane, Jesse W. Layter, Henry Lefkofsky, Morris Liles, Lucian Lisi, Bonaventura Lupo, Guiseppe Madzei, Anton Marsen, M. Martin, Al. Martin, William F. Majevsky, Michael Maness, Eddie J. Manley, Kern C. Mansfield, A. V. Marrino, Antonio Markham, Thos. V. Masini, Angelo Massa, Alfred McGinty, Frank J. McGlynn, Charles J. McGowan, John McKinney, I. B. Meredith, T. A. Mehring, Chas. H. Mitchum, Carlisle Morgane, Floyd Morris, F. B. Mitche, Tones Muszewski, Charles Nappi, Dominick Oliver, John Oxman, A. J. Paffetti, G.	Parrish, James Perri, Rocco Petry, Alexander Picone, V. Pietrafessa, G. Pilkington, William H. Ponteus, William A. Pooole, Thomas Potanos, Stephen D. Powers, W. J. Restifo, Carmelo Rakusa, Kasmier Roland, Nelson Reed, Dennis W. Sabesiak, Yan Sandrock, John A. Seonyers, Eddle A. Slinski, Ignaci Smith, A. D. Sulkoski, Steve Scarola, Vito Taromina, Joseph Thompson, Anthony Truskolaski, Tony Turner, George L. Tyner, R. J. Vapenik, Joseph A. Wady, John Walbridge, William Wallace, George Warren, J. A. Waters, Thomas Whitney, Otto Williams, James Wier, James G. Wise, Horace W. Wodarczak, Frank Young, William Yurgin, Peter Zaremba, A. Zeigler, Bertram Zeedyk, John H.
---	--	--	--	---	--	--

D COMPANY, known as the "Main Battery" Company, is one of the most important organizations on the Post, the enlisted men assigned therein performing one of the essential works carried on at the Proving Ground through the testing of ammunition and proof firing of guns.

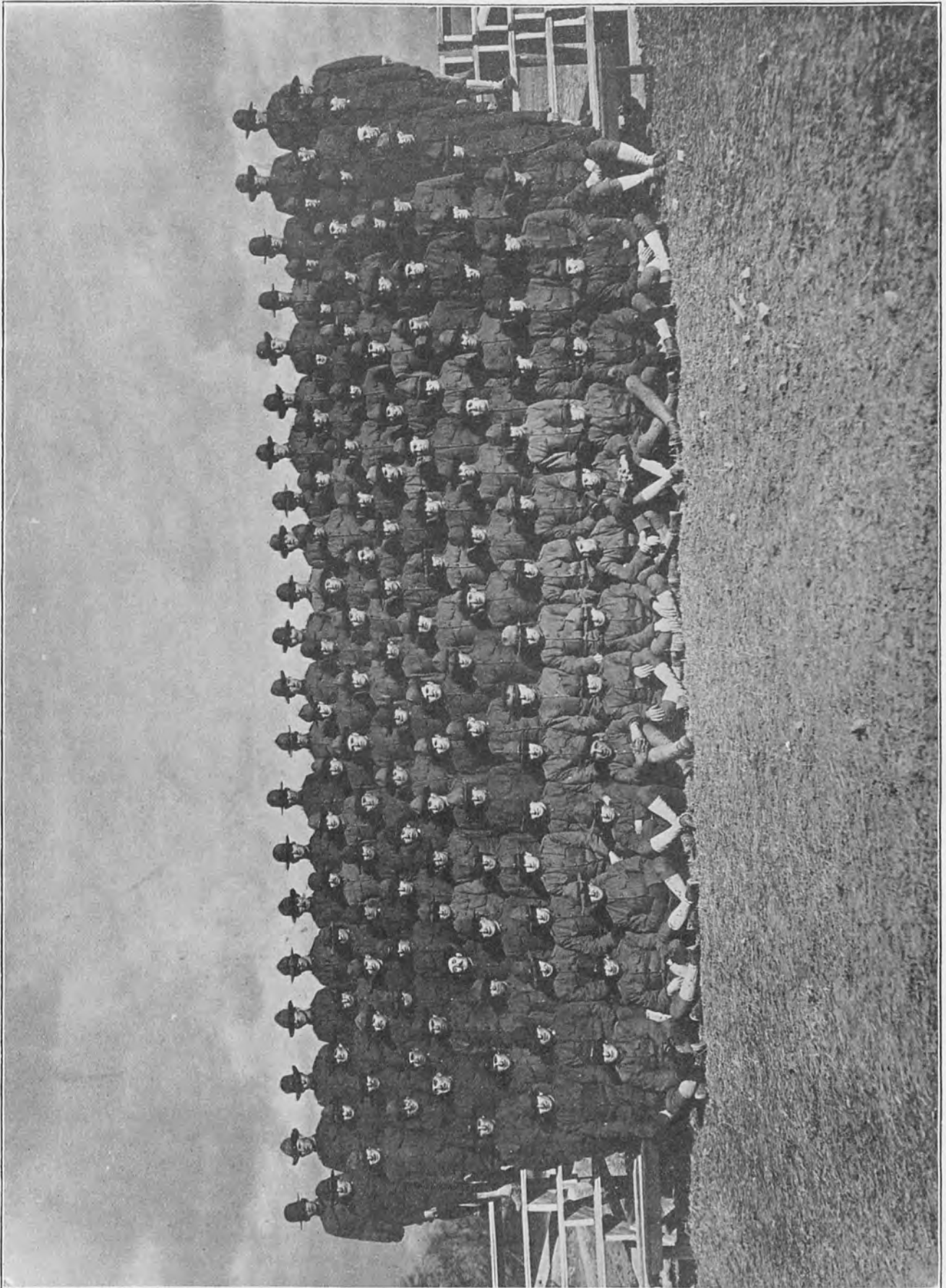
The company has its inception on April 1, 1918, with the Orderly Room in Barrack No. 14. Its personnel at that time was scattered in various other barracks all over the Post, until a complete organization came a week later and the Company was established in Barracks 118, 119, 120 and 121. Later the company was moved to Barracks 116, 117, 118 and 119 which they now occupy.

When the company was formed Lieutenant Neilson was placed in command. He remained only a short time, however, and he was transferred to other duties. Lieutenant Philip O. Potts succeeded him. Alf Lund, Ordnance Sergeant, now of the Personnel Office, was Company Clerk. Charles M. Williams, Sergeant First Class, was assistant and Sergeant Leon J. McCarthy was the third man in the office. Sergeant Maurice E. Knox, who was since transferred to Clear Spring Proving Ground and thence to Camp Perry, Ohio, was First Sergeant.

Following the transfer of Lieutenant Potts to other duties Lieutenant Clifford F. Figgis, who came here from Raritan Arsenal, was placed in command of the company. Sergeant Williams was Company Clerk until he was transferred later to the office of Major Bandholtz. Sergeant McCarthy succeeded him as clerk, the position he now holds. Corporal Walter G. Littleton was for a time first sergeant. For the past few months Franklin C. Knock, sergeant first class, has been in that position.

Lieutenant Figgis shortly was transferred to Camp Perry, Ohio, and he was succeeded by First Lieutenant Charles M. Neiman, who had been relieved from duties on the "Front," to take charge of the company. Lieutenant Neiman has been a forceful and an excellent commander and his success with the company is demonstrated through the men. Through his interest, primarily for the men, he at once gained great favor and support.

"D" Company, during the baseball season, has one of the best teams on the Post and demonstrated this by winning the pennant given to the victors of the first series of games in the Inter-Company League. They won 10 straight games without a defeat. The company also stood the highest in purchasing of the Third Liberty Loan Bonds. This organization also has the reputation of having one of the largest numbers of enlisted men successfully pass through the Ordnance Engineering School and the Central Officers' Training Schools.





Company E--Second Battalion

Company Commander:—CAPTAIN H. B. TAYLOR
Assistant:—FIRST LIEUTENANT S. G. BARKER
First Sergeant:—SERGEANT RUSSEL M. MOUNTZ
Acting Supply Sergeant:—CORPORAL ALBERT J. GRIFFIN
Company Clerk:—CORPORAL JOHN P. SULLIVAN, JR.

COMPANY ROSTER

Sergeants 1st Class—

Fleming, John P.

Sergeants—

Sabourin, Albert E.
Rogers, Jornie
Dotterweich, John
Beary, William
Gonyea, Fred L.
Doolittle, James A.
McGowan, Daniel E.

Corporals—

Stephenson, Ives
Hamm, Samuel
Elliott, James
Burns, William J.
Scher, August J.
Thayer, Clarence A.
Cogill, Sam.
Bauerlein, Joseph
Paul, Leland E.
Rankin, Claud E.
Traver, Floyd A.
Kane, David J.
Brady, Philip W.
Morrison, Lacey
Richter, Richard F.
Cowie, Earl G.
Van Tilburg, Charles
McMahon, Patrick L.

Cooks—

Cox, Isaac S.
Marlin, William E.

Privates 1st Class—

Bishop, Roscoe
Brocken, John B.

Dapo, Moses F.
Dennison, Thomas A.
Donnelly, Charles
Gray, Richard
Harrington, John M.
Miller, Frank L.
Murry, Elbert E.
Pasierb, Frank J.
Piksa, Maciej
Poff, Jesse G.
Redder, Gustav
Rickert, Fred W.
Riffner, Foster
Riggins, Jesse
Ruth, Frederick
Whalen, Edward

Privates—

Ahlgrin, Walter J.
Allen, George W.
Andronkoitz, Simon
Antonovich, Joseph
Baraniak, Andre
Barouness, John
Barretta, Domenico
Bekafinski, John
Bensinger, Wm. M.
Bixler, Charles V.
Blebins, Frank
Bowe, John G.
Bressler, Alexander A.
Brower, Alton
Brown, Walter
Burke, William L.
Carbaugh, William C.
Carey, Thomas J.
Cavanaugh, George E.
Chabalyko, Charles
Chautowich, Gabriel A.

Chizletie, William G.
Clements, Vincent
Crabbe, Tasker C.
Crocker, Earl
Cuomo, John
Custer, John D.
Dayton, John H.
DiLucca, Michele
Doig, Alexander D.
Dombrowsky, Abraham
Dominici, Adelmo
Emberton, Raymond
Erwin, Herbert J.
Fiorino, John
Fogarty, Albert P.
Forman, Theezra
Geise, Erwin H. B.
Gerder, George
Glynn, John F.
Glynn, Thomas
Graeff, Caleb H.
Grubba, Florian
Hall, Chester B.
Hatchett, Homer R.
Hightower, Oscar
Hoffman, Hugo
Hoover, Harrison E.
Hover, Gilbert S.
John, Hugh W.
Jones, William R.
Joyce, Harry J.
Kaar, Walter J.
Kaeppel, Carl M.
Kalczynski, Frank
Keefer, Glenn H.
Kneisl, Daniel
Kerr, Oliver W.
Lauridsen, Ole K.
Leese, Roy J. C.

Lelek, Peter
Lewis, Francis D.
Lippert, Harry
Lipschutz, Paul D.
Loney, Boudinot S.
Long, Fred
Lutwin, Ludwig
Lynch, Charles W., Jr.
Mainwaring, Mathew B.
Maynes, William H.
Merrell, John O.
Miller, Darwin T.
Mittelsdorf, Martin
Mooney, John F.
Moses, John F.
McCorkhill, Clarence
McCormick, Joseph P.
McLaughlin, Peter P.
Nolan, Martin E.
O'Brien, Thomas
O'Connor, John J.
O'Neill, George T.
Offenbacher, Martin A.
Parker, George
Pels, William
Perry, Howard J.
Pewanick, John
Pinyak, Joseph J.
Powell, Edward J.
Praetz, Anthony F.
Recchia, Daniel
Roberts, George A.
Rogers, Stanley
Rose, Tony
Rosenstengle, Charles
Rubin, Herman
Sass, Aaron
Scangarello, Frank P.
Schwab, Homer F.

Scialdone, Carmino
Seiden, Joseph
Selender, Harry I.
Senkin, Frank
Shifter, Louis
Snyder, Monroe S.
Sokolski, John
Soule, Grenville
Southall, Robert R.
Stinson, John N.
Stellmach, Thomas J.
Taylor, Lee M.
Terrell, Harry
Tramell, Kelley
Trimble, Horace A.
Trott, Samuel
Troxell, Charles M.
Tuttle, Laurens S.
Urban, John
Walsh, Joseph A.
Waraniz, William
Weha, John
Weisberger, Louis
Weiss, Abe
Weisner, Christ.
Wells, Ernest
Wells, Frank C.
Wiedemeyer, George
Williams, John W.
Willis, Andrew S.
Wurfel, Samuel
Xhamali, Isham
Yates, John W.
Yeager, William H., Jr.
Yeaton, Charles D.
Zidmire, David
Zanolli, Marino J.
Ziegfeld, Florenz
Zolnierowski, John

COMPANY "E" is one of the oldest companies on the Proving Ground, being organized on March 22nd, 1918, with Lieutenant H. K. Eilers as Company Commander and Sergeant George E. Smith as First Sergeant.

The original personnel of the company numbered about two hundred men, practically all of whom were transferred to this Post from Fort Screven, Ga., at which place they received their initial training. One oddity was the fact that every member of the original company was from the State of Indiana and was known as the "Hoosier" company, all having entered the service on March 9th, 1918.

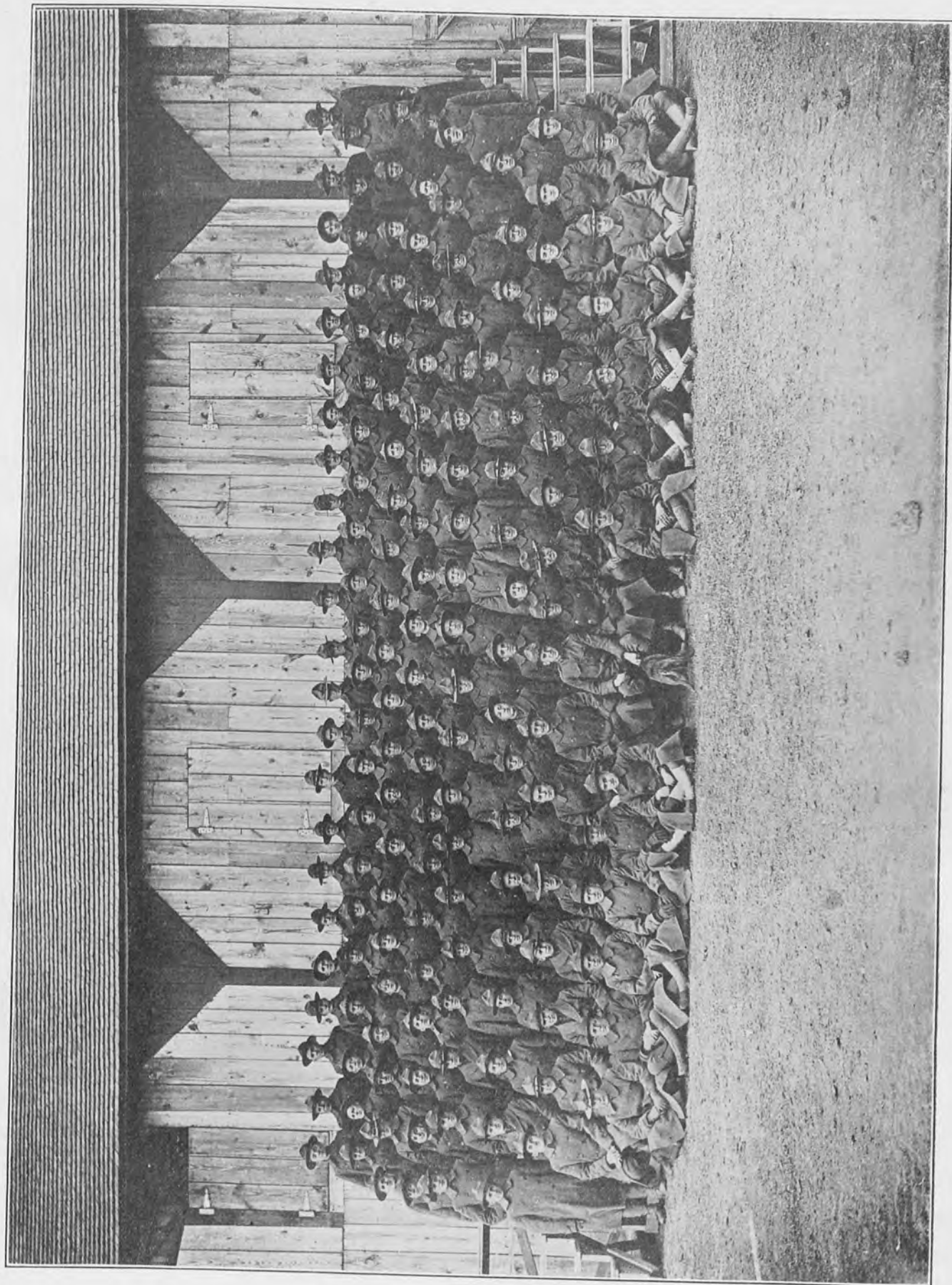
This company also holds the Post record for having been retained in "Quarantine" longer than any other company so far organized at this Post, they having the misfortune to be held for about eight weeks before the quarantine was finally lifted. The reader must not mistake the meaning of the word "Quarantine" in this case. No! it did not mean that they were allowed to lay on their bunks all this time, but on the contrary they donned the blue denims and with cross-cut saws and axes they were introduced to the "Wilds."

Until the fall of 1918 the duties of the men of Company "E" were in various departments of the Proving Ground. As a result of a reorganization of all companies, Company "E" became strictly a "Water Range" company, Lieutenant Eilers being relieved as Company Commander on October 4th, 1918, by Captain H. B. Taylor.

Captain Taylor conducted the first firing on the Water Range in the latter part of January, 1918, and is still connected with that range.

The Water Range is the seat of operation for all firing conducted by the Range Firing Section and Railway Mounts Section of the Proof Department. Consequently in Company "E" there are a great many specially qualified men, such as Electricians, Machinists, Gas-engine men, Blacksmiths, Carpenters and others of varied experience, many of whom are college graduates.

Captain H. B. Taylor.





Company F--Second Battalion

Company Commander:--LIEUTENANT SETH B. FRENCH
First Sergeant:--SERGEANT JOHN J. O'SULLIVAN
Supply Sergeant:--SERGEANT HAROLD I. SPENCE
Company Clerk:--CORPORAL FRANK H. JORDAN

COMPANY ROSTER

Ordnance Sergeant--
Sassman, Charles

Sergeants 1st Class--
Steele, Roy
Steenrod, Hilbern L.

Sergeants--
Gottschalk, Walter
O'Donnell, Frank
Dwyer, Edward
Greenberg, Edward
Schaie, Irwin J.
Bowen, Roy E. K.
Wittland, Frank
Bleedorn, Raymond
Leming, Dell

Corporals--
Cummings, George W.
Cole, Frank
Caldervoc I, Wm. H.
Buser, Julius
Allgood, Elmer
Sass, Walter C.
Leach, George
Maloney, Frank
Sparks, Ernest
Bezel, Joe
Shelstead, Samuel
Yarnell, Carl V.
Biddle, Chester
Balaskos, Peter
Shewmaker, John P.
Eder, Arthur
Weiman, David
Waddington, Chester
Foster, Albert
Pope, Daniel R.

Cooks--
Newman, William B.
Reh, Leonard G.

White, Geo. F.

Privates 1st Class--
Bensavage, Mathew
Berkley, Clarence
Brand, Floyd A.
Brotherton, James
Clarkson, Vergil
Colangelo, Francesco
Cones, Carl G.
Griffin, Lewis H.
Karpis, Gurt
Mounto, Fred D.
Pearson, Jack
Pierce, Russell R.
Powell, George W.
Robek, Toney
Smith, Joseph V.
Shepanski, Frank
Thatcher, Frank

Privates--
Abdalla, Alex.
Abraham, Mike
Albanese, Antonio
Annis, Charles D.
Aslanitas, Athanacios
Ayers, Ray
Ball, Roy
Barrett, William
Beard, Kelvey I.
Behringer, Peter R.
Bellijero, Guiseppe
Bellucci, Charlie
Benthall, Bill
Bergsma, Otto J.
Bilotta, Tarquata
Boger, Allen B.
Bonaritaola, Frank
Borislav, Morris
Cantor, Irving
Cambria, Givacchino
Carite, Angelo
Cerone, Carl

Chase, Harvey
Cheshire, John
Crapetto, Gioranni
Cristallo, Paulo
Davis, Hezro
Deaton, Thomas
Defazio, Casino
DeHaven, Leo
Dellafave, Luigi
DeSimone, Toney
DiFrancesco, Nicola
Dinnegan, Frank
Dischler, Gordon
Drapieu, Wilfred
Driscoll, Cornelius
Driscoll, Earl R.
Engbloom, Frank E.
Escavage, Anthony
Eurglupian, Mesia
Farandinos, Spiros
Farchiene, Eustoche
Fay, Michael B.
Feingold, Sam
Florey, Arthur
Fonti, Samuel
Forsyth, Sheldon
Francis, Robert F.
Franza, Frank
Geresnuk, Michael
Ginsberg, Philip
Golub, Anthony
Gramatsky, Ivan
Groulx, Archie D.
Guralink, Benny
Hackett, Frederick
Hanson, Frank W.
Harding, Wm. F.
Hawkes, Thomas
Henderson, Hugh M.
Horowitz, Osias L.
Hudock, John
Hughes, Virgil
Ingram, Cecil V.

Ingram, William A.
Israel, Sam
Johanson, John
Kane, Charles H.
Kennedy, Michael
Kenny, John L.
Khan, Michael
Killian, John
Koinsky, Andrew
Kopp, Frank W.
Koppenhaver, Ira
Kussus, William
Langs, Leonard
Lasley, James
Lauzier, Frank
Lease, Roman
Licata, Vincenzo
Liddell, William
Luzro, Carmelo
Manns, John
Marruso, Gabriel
Matolish, Joseph
Merritt, William M.
Milano, Jerry D.
Moeller, John C.
Mulvan, Charles
Murphy, Daniel P.
McCardle, Francis J.
McGeehan, Dennis
McGunnell, James A.
Neely, John J.
Nelson, Hilding C.
Noto, Tony
Nyland, Joseph J.
Obecki, Leon
O'Donoghue, Thomas
O'Leary, Timothy J.
Pankey, Albert C.
Pavgiet, Zuzef
Pfister, Jacob
Plett, Anthony
Revell, Richard A.
Reynolds, Frank

Riley, Noah W.
Roll, Theofield
Rowand, Charles
Royer, Samuel T.
Royston, Louis
Saeger, Lee
Samuels, Elias
Schof, Frank
Saragnese, Donato
Schroeder, Henry C.
Schubert, Herbert M.
Schwartzbach, George E.
Sexton, David R.
Shayler, George C.
Siessman, Otto
Silvius, Everett
Smith, Charlie B.
Sorrells, Willie E.
Spanier, Christopher J.
Spinozzi, Pasquale
Stacek, Stephen
Stamiades, Nick
Stephenson, Lester
Stockman, Richaard F.
Teeling, Mearl A.
Thompson, Joseph R.
Tribble, William D.
Tunney, Anthony P.
Van Horn, Lory A.
Vecchio, Angelo
Velardo, Giovanni
Veneri, Paolo
Vogt, August J.
Warner, Robert C.
Wearne, John
Wells, Cyrus
West, Walter R.
Woodrin, Frank F.
White, Opol
Worthy, Joe F.
Yaskewitz, Nick

JULY 6th was the birthday of Company "F." The unit was formed by transferring 75 men from Company "E" and two men from "C" with Lieutenant J. S. Thompson, Jr., as Commanding Officer, Sergeant J. C. Kearse as "top-kicker" and Corporal Frank H. Jordan as company clerk. Within a short time Sergeant Harold I. Spence was assigned as Supply Sergeant.

After five days our organization was increased to a strength of 187 by the arrival of 110 men from Camp Dix.

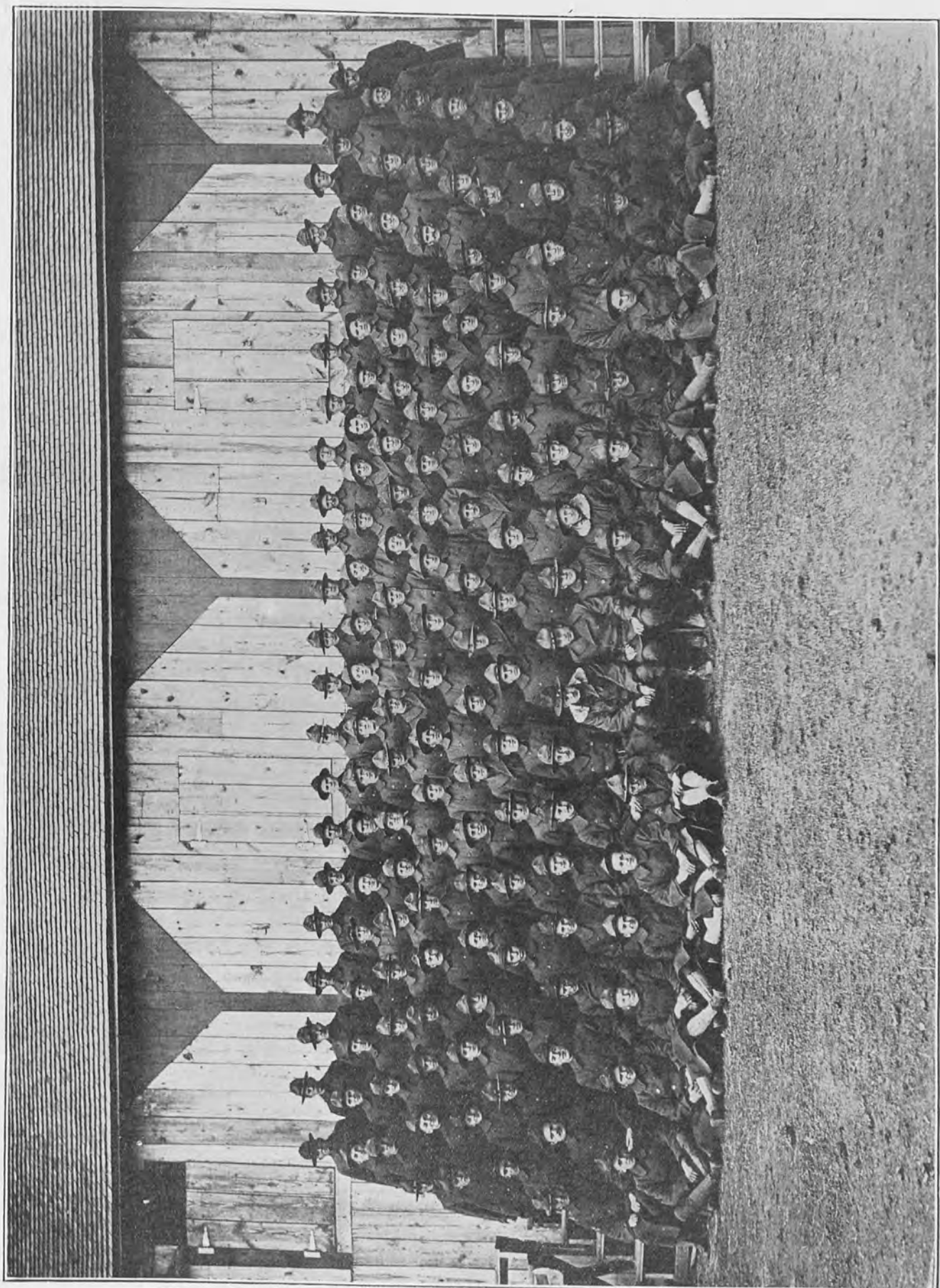
While we were yet young Major Lindh complimented us as being the best looking company on the Post. Not only are we the best looking, but we have the best Mess of any on the Post, and we are envied by other detachments because of this fact, and because of the ease with which one may obtain lengthy passes.

On August 26th a great shifting of companies took place, and we found ourselves with almost an entirely new personnel, supplying only the Trench Warfare Detail. On this Range we have Proof-fired Mortars from the 3-inch up to and including the 11-inch Trench Mortars.

About October 1st, Lieutenant Seth B. French was assigned as Commanding Officer, with Lieutenant Thompson as Assistant Company Commander. Sergeant Kearse, having been transferred to Camp Taylor to the Field Artillery C. O. T. S., our office force soon shifted into the present "trio" of John J. O'Sullivan, First Sergeant, Sergeant Harold I. Spence, Supply Sergeant, and Corporal Frank H. Jordan, Company Clerk.

About October 17th we had the misfortune of losing our Assistant Company Commander, Lieutenant J. S. Thompson, Jr., a victim of the "flu."

Although it was impossible for us to go across, we believe we have played our part in proving the Mortars which were to be used by the boys "Over There."





Company G--Second Battalion

Company Commander:—FIRST LIEUTENANT F. E. FISH
First Sergeant:—FIRST CLASS SERGEANT ELTON B. KERRICK
Supply Sergeant:—SERGEANT JACOB DANOWITZ
Company Clerk:—CORPORAL JOSEPH T. MOVELLE

COMPANY ROSTER

Sergeants 1st Class—
Young, William A.
Allender, Charles W.

Sergeants—
Carter, Rob't D.
Hecker, Leonard H.
Kohr, Harvey D.
Pritchard, Clayton F.
Rowland, Hansard
Gardner, Thomas F.
Saunders, Harvey

Cooks—
Ellsworth, Harold M.
Dougherty, Edward D.
Pappathanassakis, Nicolas
Peterson, William

Corporals—
Abbe, George A.
Barrett, Spencer E.
Chamberlain, Floyd
Engquist, Carl L.
Gray, John J.
Hughes, John F.
Kozick, Walter
Kline, Abe
Kihm, Alfred
Oberman, Anton
Ryan, D. W.
Sandifer, Otto
Sullivan, Timothy
Tift, Clarence E.
Westcott, Percy G.
Whitney, Edward
Curtin, Gregory F.
Fiedler, Albert
Barth, John
Lipp, Otto H.

Privates 1st Class—
Buccafuca, Giomo
Doyle, Willie Y.
Cohen, Jacob N.
Farrington, Lloyd
Fields, Andrew
Hurlburt, Chauncey
Holub, Otto
Kimble, Charles E.
Meehan, Freeman G.
Morrissey, James J.
Papajano, George
Regan, John
Shaw, Russell W.
Sisk, Link
Scott, Albert
Thomas, Arthur F.

Twombly, Charles P.
Weller, Daniel A.
Isikoff, Louis
Shaw, William H.

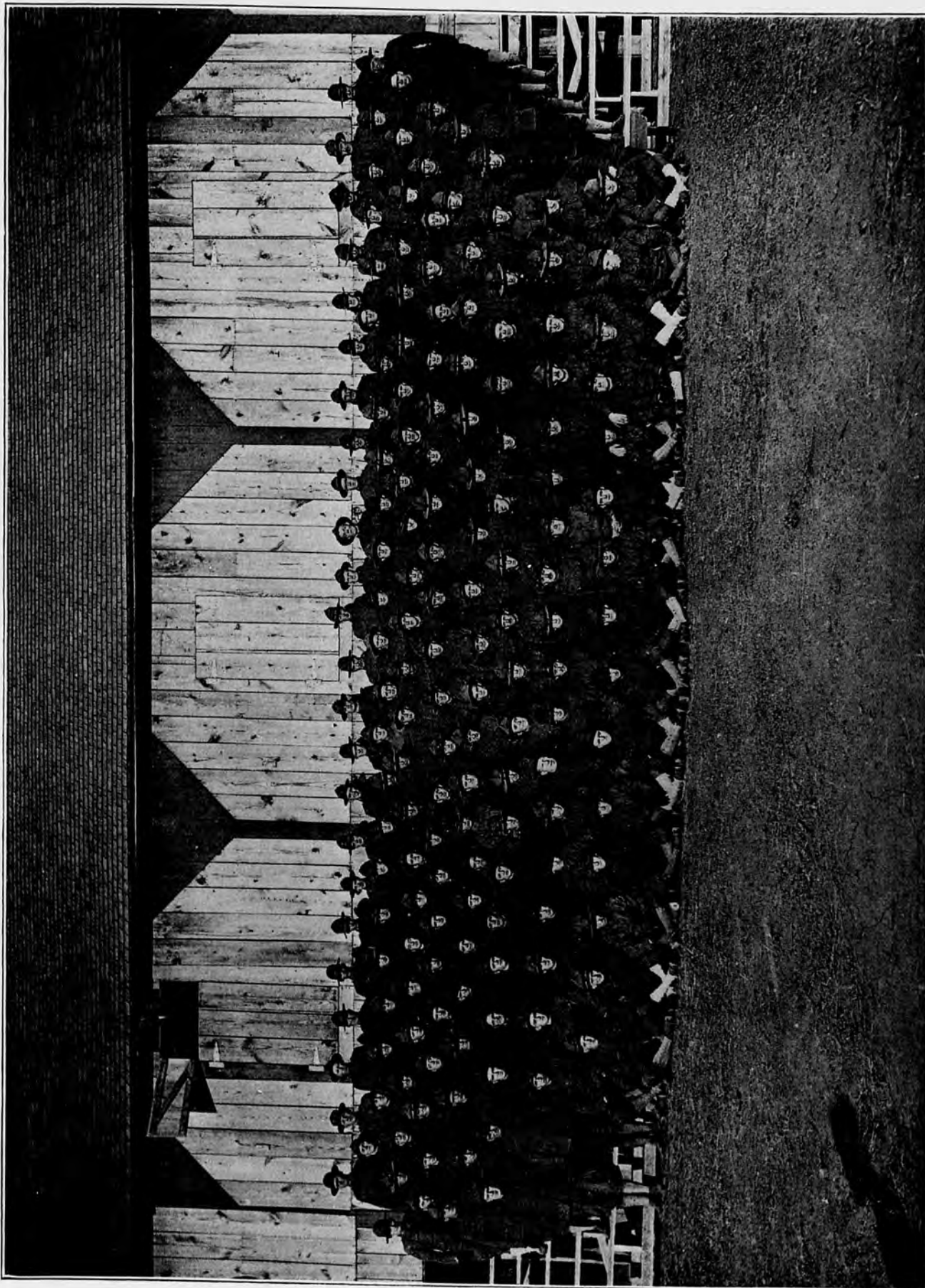
Privates—
Alberese, Joseph
Booher, William T.
Baker, Jay S.
Bowen, Raymond
Bellaire, Medric
Biletta, James
Botton, Carl D.
Burrough, George A.
Bush, Robert W.
Budwell, Raymond
Cronk, Charles
Cappelucca, Nikola
Carlson, Charles
Chase, Trsecotc A.
Cichewicz, John
Coats, George G.
Coley, Percy C.
Colton, Harold F.
Comrie, Lee T.
Cosgrove, William
Cox, Delbert E.
Crawford, Lonzo
Crosswhite, Alva W.
Cutter, Edward J.
Concannon, Michael
Clemente, Peitra
D'Arrigo, Stephen
Didenatto, Elias
Deleanardo, James
Donohue, Michael D.
De Mattia, Orlando
Earley, Bernard
Farrar, Leon T.
Folweiler, Thomas A.
Ferraro, Francesca
Fader, Rube J.
Fishman, Nathan
Foyt, Charles G. C.
Garvey, Michael J.
Griffith, Thomas J.
Gatlina, James J.
Glassner, Matthew
Graham, Joseph A.
Groehlich, Gustave A.
Hillenbrand, George
Holmberg, Arthur V.
Hale, James I.
Howell, Isaac
Haines, Edward
Hicks, Earl
Hollister, John E.

Hornberg, Fred
Huntsinger, Robert W.
Hilpolsteiner, Louis
Hopkins, Willie C.
Hepler, George J.
Jacobson, Jacob
Jennings, John J.
Johnson, Thomas
Jusko, John
Kinast, Berthold
Klymik, John
Lenoff, Louis H.
Lo Cascio, Cesare
Learsch, William A.
Lafavre, Arthur
Larson, Nels E. S.
Lawless, John A.
Leo, Tony
Leskowsky, Joseph
Lieberman, Louis
Lietzan, August F.
Lewis, John C.
Linciman, Fred
Linder, Charles I.
Loicono, Antonio
Loranzo, Vito
Liegerber, Albert L.
McGee, J. H.
McGill, J. T.
Morris, Vincent
Martin, Bernard D.
Maximuk, Steven
Murphy, Samuel D.
Marley, William P.
Martiniz, Phillip O.
Martino, Isador
Maude, Fred
Miener, Walter
Monecure, Christ.
Mason, James L.
Moniello, Archangelo
Moczarsky, John
Napoletano, Donoto
Nagiewicz, Steve
Normile, Matthew
Ogle, John B.
Pawleczyk, Ladislav
Ramatowski, Frank
Real, Mike
Regep, Sabri
Rosenthal, Louis
Sekl, John
Snyder, Frank
Schupp, John V.
Schonig, John
Shurchai, Trofim

Simonski, Charles
Schepps, Morris
Sakanoves, Mike
Sieracki, Joseph
Soderholm, Carl G.
Spasea, Dominico
Speight, Otis B.
Steiner, Irving
Tomko, John
Tuczynski, Edmund
Tandol, Loranzo
Tarpay, Frank
Thurlow, John M.
Tilghman, William J.
Tittensor, John E.
Tolomo, Vito
Tomczyk, Stanley
Towner, Ralph L.
Tracey, Raymond
Tullius, Andrew J.
Tunnell, Mack L.
Turnage, Raymond
Turner, Fred
Turner, Wilson L.
Tursich, Jacob
Urissitto, Mauro V.
Vagenas, Nicolas
Vasa, William M.
Vance, Hiarm
Vaughn, Tommie
Verity, Matthew J.
Vergogline, Rocco
Werner, Albert M.
Walton, Oliver G.
Waller, Lovie
Wanderski, Thomas
Warren, Jesse B.
Watson, James T.
Welsh, John J.
Wells, Guy
White, Allen
White, Edwin W.
Widzenas, Bruns J.
Williamson, James B.
Willingham, Harvey
Willis, Ernest A.
Willmouth, Sedric
Woodward, Benjamin
Wilek, Tony
Wegboski, Andrew
Yanchik, John G.
Yount, Aud F.
Young, Louis F.
Zakelski, Stanislaw
Zosso, Henry

COMPANY "G," organized July 17th, 1918 is one of the original Second Battalion companies. The duties of "G" at the time of its creation were not defined exactly, but men of the unit were detailed to the Main Battery, Water Range, Camouflage Division and Water Range. On September 15th, with reorganization and the appointment of Lieutenant F. E. Fish as Commanding Officer, Lieutenant J. B. Evans assisting, "G" men were definitely detailed to the "4500 Yd." and "7500 Yd." ranges and Michaelsville.

Out on the "4500 Yd." shells and slugs of the 75 mm. and 3-inch high explosive type are recovered. The "7500 Yd." is concerned more with larger calibre missiles—from the 4.7 up to the 9.2. Out at Michaelsville the most powerful of high explosives are tested—T. N. T., Fulminate of Mercury and Amatol. In all, Company "G" men, intimately engaged in work at the three ranges, have managed to live in the atmosphere and, in a sense, experienced the thrills of actual "front" conditions. The Proving Ground has been an "almost" overseas assignment for them.





Company H--Second Battalion

Company Commander:—FIRST LIEUTENANT D. O. TYLEE
First Sergeant:—SERGEANT JAMES F. FRANCE
Supply Sergeant:—SERGEANT JAMES J. DUHER
Company Clerk:—CORPORAL GEORGE J. GOLDFARD

COMPANY ROSTER

Ordnance Sergeants—

Adams, Leon C.
Irwin, Robert V.

Sergeant 1st Class—

Beyer, William

Sergeants—

Alexander, Frank B.
Collins, Joseph P.
Nelling, John P.
Schiebel, Mathias
Smith, Roland R.
Wheeler, Roy A.

Corporals—

Cohen, Irving L.
Douglas, George R.
Feeley, Luke
Fraleigh, Percy A.
Freiberg, Morris
Forseman, Robert H.
Hart, Walter
Herrlein, Fred H.
Henderson, Adna
Houston, John C.
Lautenschlager, John F.
McKie, Charles D.
Newell, Charles R.
Osias, Harry
Pilger, Frank A.
Pomarico, Francesco
Roman, Irwin
Salisbury, Benjamin F.
Schneider, Carl A.
Schulte, Francis
Steele, Leroy P.
Von Hagel, Harry E.

Cooks—

Cannariato, John
Chambers, Herbert
Golden, Owen M.
Weaver, Montgomery G.

Privates 1st Class—

Beck, John F.
Cohen, Irwin
Cupp, William L.
Feihl, Fred
Flynn, James S.

Ford, Lewis D.
Fox, William J.
Gebhardt, Jacob
Gelabert, William F.
Harris, Frank C.
Hopkins, Claude E.
Krueger, John H.
Limburg, Nicholas J.
Lehner, George
McEwen, Samuel
Narduzzo, Eugenio
Peterson, Louis L.
Possopulos, John
White, Lewis S.

Privates—

Abernathy, Raymond
Alpern, Henry
Amsden, John P.
Archibald, Arthur A.
Arwood, Rolins
Barrett, Carl R.
Beetlestone, Guy C.
Bennett, James H.
Bennett, Oscar
Bertalmio, Giuseppe
Bokrass, Benjamin
Bressler, Harry J.
Brock, Fred. E.
Burke, David A.
Burnight, Kelsey
Campbell, Wm. R.
Cartalano, Michael
Cavallieri, Michele
Carr, Perry T.
Chadwick, Burton L.
Coates, Wendell M.
Coons, Albert
Cunningham, Wm. Y.
Cychoski, Stanley
Dabler, Allen T.
Davis, Louis P.
Desmond, John T.
Devisser, Adrian, Jr.
Donnadio, Antonio
Dunn, Samuel M.
Dyke, Lester G.
Festa, Omello
Flanders, Paul B.
Gataleta, Cosimo
Gay, Harold J.
Gent, Hampton H.
Giambalvo, Jack

Goldhirsch, Benjamin
Greene, Aldie R.
Grigalunas, Joseph
Grouse, Stanley
Gurich, Samuel
Hall, Leslie W.
Hougheboom, Phillip H.
Houser, George C.
Hurt, Oliver H.
Jamison, Lemuel F.
Jenawa, Teflie
Jowid, Mansour A.
Jozwick, Max
Kalamagakis, Gabriel
Kaplin, Pincus
Kestner, Scott H.
Kibler, John F.
Kolb, Frank R.
Lapinto, Filipo
Lasek, Thomas
Laskin, Herman
Laskowski, Bogumil
Lawless, Charles
Lee, Francis H.
Levine, Louis
Lichtenthal, Wm. J.
Loraso, Paolo
McElroy, Paul K.
McGovern, Hugh L.
Margosian, Haig
Martin, John
Mason, Howard
Mazzella, Antonio
Metre, Salvatore
Miller, Charles D.
Moriarty, James J.
Mosley, Ralph
Nemser, Benjamin
Ney, Charles D.
Nitzsche, John
O'Dea, Michael J.
Olbrysz, Frank
Packman, William
Pantemanos, Angel
Papp, John A.
Peloian, Kavout
Rago, Anthony
Randecker, Leonard
Raynor, George E.
Raphael, Morris A.
Reibstein, Samuel
Romanello, Canio
Rose, Charles G.

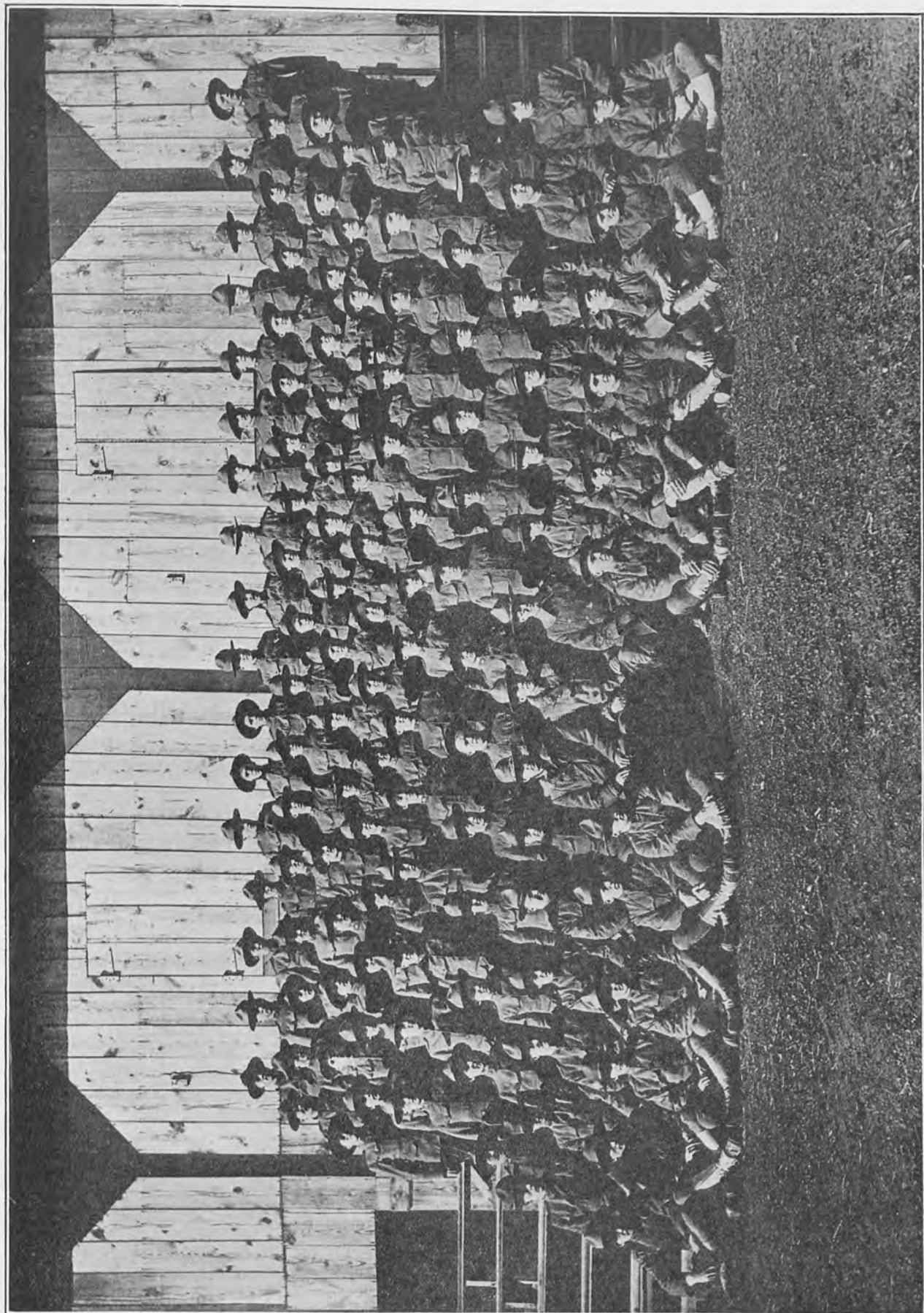
Rupp, Charles A.
Russo, Salvatore
Saul, Henry
Schwalm, Harry E.
Schwartz, Morris
Scott, Columbus
Scupelito, Peter
Shaub, Howard C.
Siciliano, Gaetano
Seigel, David
Silver, Irving
Singer, Julius
Smith, Chester W.
Smith, Leland W.
Smith, Phillip, Jr.
Seifer, Harry A.
George, Arthur
Smolinsky, Louis
Sobel, Isidore
Solomon, Jacob
Sottile, Carmelo
Sottile, Marino
Stachowisk, Joseph M.
Steiglitz, Joseph
Sykes, James C.
Tatilian, Artim
Theodorides, Constantine
Theodoru, Nicolas
Theodoru, Nicolas
Thompson, Hoyt
Thomson, Roscoe
Tomaselle, Salvatore
Touloumian, Kevrok
Tsotsomanis, John
Tuohy, Michael F.
Twersky, Benjamin
Tucker, Chester E.
Tyzskewki, Frank
Underwood, John M.
Van Eman, Charles R.
Ventikes, Nicholas
Vogel, Fred G.
Wallace, David W.
Ward, Everett
Ward, Leo V.
Wax, Max
Wermuth, William
Wessels, Herman A.
Whitrock, William A.
Wickel, Harry
Wiener, Norbert
Zannetti, Luigi
Zvalauskas, Alexander

COMPANY "H" was organized July 11th, 1918, under the command of Lieutenant D. W. Mather. The personnel of the organization consisted, for the most part, of arrivals from Camp Dix builded around the skeleton of twelve A. P. G. "old timers" from "B." Private Harry Woodson, transferred from Headquarters Company, acted as first sergeant.

Originally to supply details for the Main Proof Battery, after three weeks service on the Post we were transferred en masse to Old Baltimore. Here commenced the six weeks task of making the clearing on the banks of the Bush River, subsequently named the Drop Bomb Field. Well into the middle of September, as the Bush River Detachment, we felled trees, under the direction of First Lieutenant R. D. Culver. Even today we maintain a detail of ten men at the Field, under Sergeant John P. Nelling.

On the 15th of September we were ordered back to the Proving Ground. In the meantime Private Woodson had won his sergeant's chevrons, and, shortly after our return to the Post, was succeeded by Private (now Sergeant) France, in order that the former might attend the C. O. T. C. Private (now Corporal) Goldfarb, acting supply sergeant, was succeeded by Sergeant Duher, the former taking the vacancy of company clerk. Lieutenant Tylee relieved Lieutenant Mather as commanding officer and "H" was placed in the Second Battalion.

"H" Company today furnishes details for the Ballistic Division and the Detonating Range, under the command of Lieutenant Tylee, assisted by six officers. The enlisted personnel of 200 consists of two ordnance sergeants, one sergeant first class, eight sergeants, twenty-three corporals, four cooks, nineteen privates first class and 143 privates.





Company I---Third Battalion

Commanding Officer:—CAPTAIN H. E. PAGE
 Assistant Commanding Officer:—LIEUTENANT F. A. McCONNELL
 First Sergeant:—SERGEANT FIRST CLASS ED. E. SHERRICK
 Supply Sergeant:—SERGEANT EDMUND B. DALY
 Company Clerk:—ARTHUR M. PLUMMER

COMPANY ROSTER

Ordnance Sergeant—
 Evatt, Maurice G.

Sergeants 1st Class—
 Kaplan, Hyman
 Sherrick, Edward D.
 Minor, Ernest M.
 Faber, Dann
 Vaughn, Benj.
 Thompson, Pierce R.

Sergeants—
 Hinkler, Ernest F.
 Walker, Roy
 Daly, Edmund B.
 Ferguson, Vernon D.
 Gaupp, Robert J.
 Livingston, Howard K.
 Little Patrick S.
 Luth, George A.
 Perry, Michael A.
 Miller, Stewart B.
 Shannon, Thomas F.
 Stentz, Percy
 Dukes, P.
 Kelley, Jos. L.
 Ludlow, John A.
 Millan, John J.
 Pyle, Victor
 Bayer, Chas. E.

Cooks—
 Bibeau, Wilford
 Smith, Joseph

Corporals—
 Acker, Joel
 Bane, James P.
 Ellis, Homer
 McCole, Chas.
 Watts, Lawrence M.
 McFarland, Leroy
 McKernan, Joseph A.
 Palmtag, John F.
 Shaub, Charles W.
 Wright, Lafayette
 Biezle, R.
 Cohn, Samuel
 Dullen, Clifford J.
 Hockenberger, H. W.
 Hamilton, Alexander
 Jones, Homer E.
 Plummer, Arthur M.

Bennett, Alexander
 Crowl, Howard D.
 Meyer, Harry D.
 Mahoney, Harry T.
 Brast, Harry W.
 Seifert, Samuel
 Wildeck, Alfred L.
 Smith, Thos. A.
 Sirmans, Shelton M.
 Fink, Chas.
 Phillips, Arthur S.
 Coleman, Richard A.
 Mills, Roy W.
 Murray, Leland H.
 Millner, Clarence M.

Privates 1st Class—

Anderson, Chas. J.
 Amsrud, Henry V.
 Bacon, Howard A.
 Beechold, Marcus G.
 Burns, Gordon A.
 Calderoni, Guido
 Eagles, Chas. E.
 Eberle, Jos., Jr.
 Fiamingo, Jos.
 Fields, Earl E.
 Hartwig, William
 Proper, Curtis J.
 Srnee, Paul, Jr.
 Stevens, Heaber
 Turon, Stephen
 Wax, Sanford
 Okis, Felix J.
 Hubbs, Fred G.
 Mylnic, Frank P.
 Sank, John
 Halsama, Lambert M.
 Fisher, Melvin M.
 Gabbert, Chas. P.
 Schneider, Jos. H.
 Gleason, Herbert
 Stecz, John L.
 Dillon, Chas. E.

Privates—

Allison, Hildreth
 Almond, William D.
 Ammerpole, Frank
 Alvis, Vernon Lee
 Ames, M. M.
 Annunciato, Geo.
 Ashburn, Sanford L.
 Bartz, Chas. M.
 Baker, H. T.

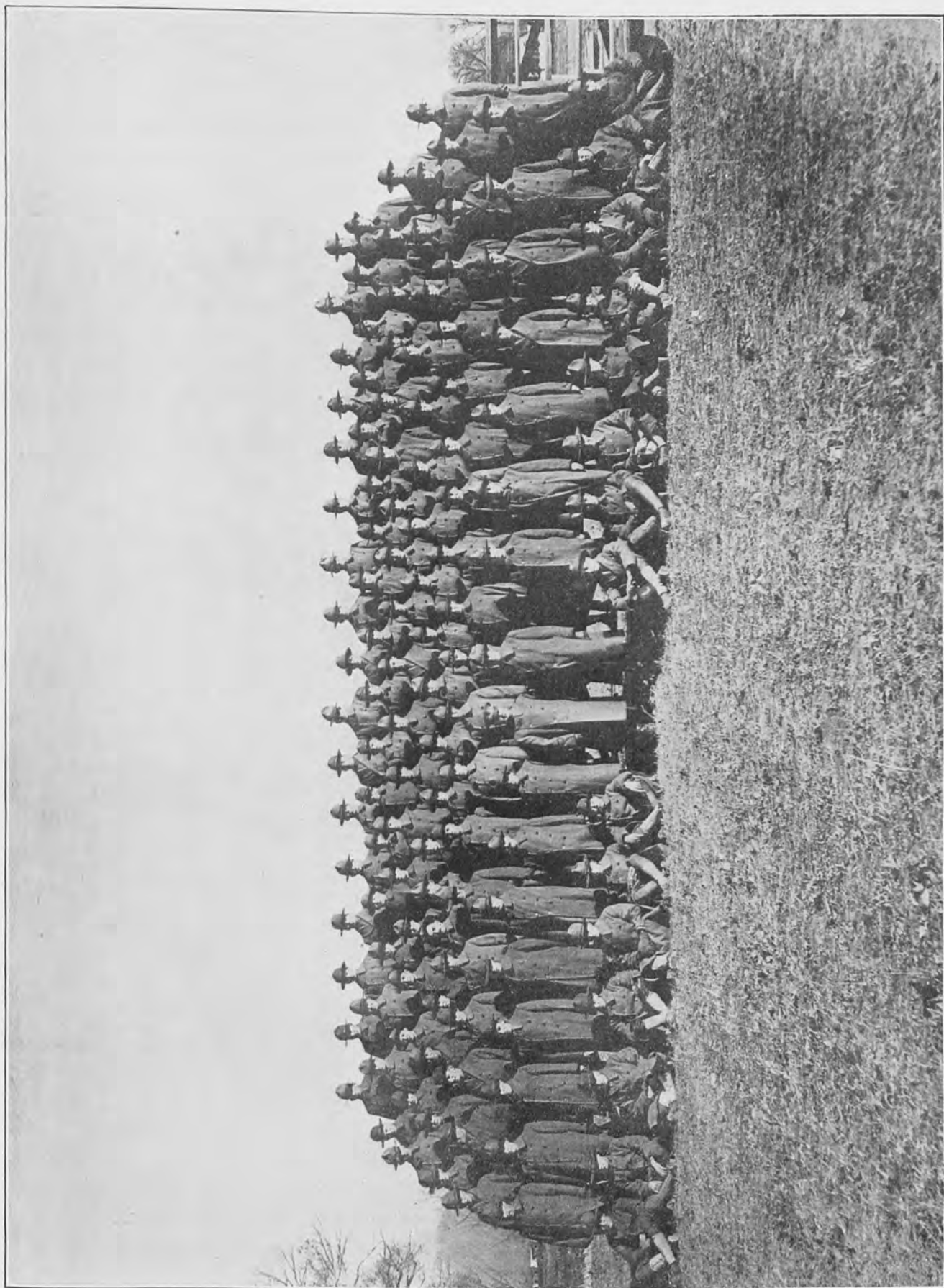
Boucher, Everiste
 Boyce, Claude
 Bracy, Edgar
 Brennan, John P.
 Brown, Alva M.
 Bush, Harry F.
 Billingsley, Lee
 Brooks, Cleland C.
 Bailey, Walter
 Callahan, E.
 Canfield, L. L.
 Carroll, Lawrence M.
 Cleasby, Clinton E.
 Cramer, Clarence
 Connor, William E.
 Corbin, Geo. L.
 Craig, Harry
 Derner, Milton
 Davenport, Paul M.
 Drais, Harold W.
 Dunkel, Leroy M.
 Duffy, Arthur
 Eberhardt, Wm. B.
 Esposito, John
 Echenfels, J. C.
 Eisenberg, David
 Evans, Wm. H.
 Farrah, Andrew
 Foster, C. L.
 Francis, Angelo
 Flynn, D. T.
 Foster, Samuel
 Felts, Robert
 Fuch, Peter
 Henry, Thomas
 Garrison, Carl L.
 Goldberg, Abraham
 Houston, Geo. E.
 Hagen, John V.
 Harris, Irving
 Heal, Edgar J.
 Hunt, Thos.
 Joseph, A. S.
 Jones, E. C.
 Johnson, H. B.
 Kincaid, Claude B.
 Keating, James
 Korb, Wm. A.
 Kunzig, Matthew
 Kalstrom, O.
 Lane, Thos.
 Lawson, C. R.
 Leighton, H. E.
 Lowe, Leffie
 Lowenfish, Martin

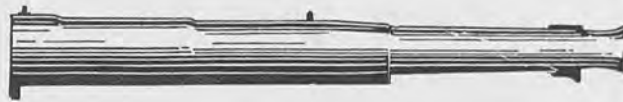
Lemay, Ovilla
 Marriott, C.
 Malloy, John
 Macks, Julius H.
 Meeker, Lee
 Nowak, Louis J.
 Noel, M. D.
 Perdey, Chas.
 Petterson, Carl A.
 Piccianni, Nicola
 Pesadny, Michael
 Powell, A. P.
 Poumairat, C. H.
 Pousson, Leon
 Quisenberry, R. A.
 Ratliff, Arthur
 Rinzler, Irving
 Rafter, J. J.
 Riley, D. C.
 Robbins, R. L.
 Roney, H.
 Seeley, Orlando C.
 Seeley, Edgar W.
 Shelly, Claude
 Sherman, J. B.
 Shaw, T. O.
 Sisholce, Samuel
 Seigler, T. M.
 Smith, Raymond B.
 Snackenburg, P.
 Stanfield, Carl J.
 Salmon, Fred D.
 Sayne, T. E.
 Schuller, Peter A.
 Shadrick, Lon
 Sherr, Geo. E.
 Skoti, M.
 Shepperd, R. H.
 Torpy, Vincent J.
 Thornton, R. B.
 Totton, Geo.
 Thompson, H. E.
 Tarloski, S.
 Vincellette, Hector W.
 Vandenberg, R. S.
 Wilhelm, Frank
 Wardorf, Raymond
 Weis, Germaine
 Wrazen, Chas.
 Yearian, Geo. E.
 Yancher, John
 Yashkunas, John
 Yannucci, Guido
 Zamborski, Walter
 Zaniski, Edward

ON the Fourteenth day of June, 1918, a bedraggled, tired, motley mass of humanity arrived at Aberdeen Proving Ground from Camp Dix, N. J., and looked with interest on surroundings new to them and pregnant with untold possibilities. Out of this mass eighty composed the nucleus of Company "I." The barracks were barely completed and all around were sawed plank ends and indescribable litter. Time passed and the activities of the men soon had the immediate surroundings in shipshape. Lieutenant W. H. Johnson was in command of the company with Lieutenant Luftman as second in command, and Sergeant M. E. Darby (who was commissioned Second Lieutenant shortly after to be succeeded by Sergeant Bruder as First Sergeant) as First Sergeant of the company. Lieutenants Nothnagel and W. J. Evans succeeded Lieutenant Luftman as second in command, in the order named. Changes in the number and personnel were numerous and inevitable. Early in September Lieutenant W. H. Johnson accompanied a fighting unit to France, and on September 20th Captain H. E. Page succeeded him as Company Commander with Lieutenant McConnell as second in command. Corporal E. Sherrick followed Sergeant Bruder as acting First Sergeant of the company on the 17th of August and has acted in that capacity ever since, after gaining promotion to sergeant and later to sergeant first class.

The company is composed chiefly of the Finance, Personnel, Administration, Property and Traffic departments. Every type of masculinity is within our confines and many states are represented, from sunny California to drawly Maine; from Nebraska to the cotton fields of Georgia.

Corporal A. Bennett.





Company K---Third Battalion

Company Commander---FIRST LIEUTENANT H. L. BRUNNINGER
First Sergeant---FIRST CLASS SERGEANT ALAN W. MILCKE
Supply Sergeant---SERGEANT JOHN KECK
Company Clerk---SERGEANT DAVID STERNBERG

COMPANY ROSTER

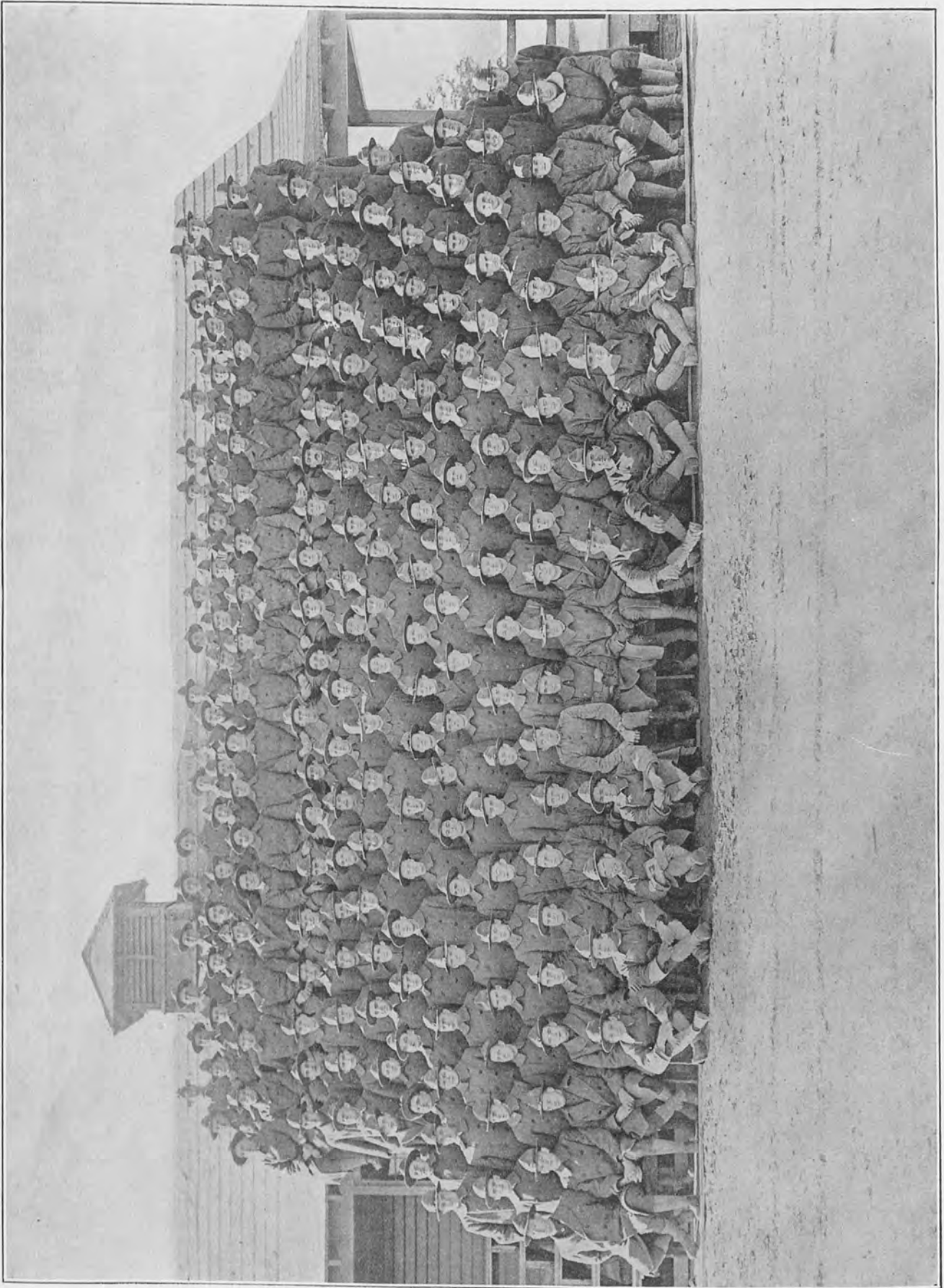
Ordinance Sergeants--- Mako, Frank Becker, Carl H. Frohman, P. H. Adams, R. J. Hallberg, N. E.	Privates 1st Class--- Baker, F. N. Ball, Guy R. Arnold, B. Bowen, E. Boyer, J., Jr. Chase, A. D. Boxler, M. G. Comer, J. H. Codling, W. H. Christ, A. M. Brazel, J. F. Dietz, Walter Duncan, Frank L. Delaney, S. Diehl, C. J. Broman, Frank E. Farrar, J. R. Gates, Elmer A. Heiger, W. Impellizeri, J. E. Kunis, I. L. Ladzin, Seymour M. Malewske, J. A. McClay, J. A. Matuszak, J. McDonough, W. Marks, Milton L. Murray, A. W. Long, A. Lange, Henry Rosenthal, H. Stage, R. E. Sutton, R. Stockton, O. J. Shea, J. J. Sullivan, T. E. Stack, Wm. Wiertz, J. Zouzoulas, Peter	Privates--- Adams, Frank Armstrong, O. M. Adams, H. L. Alverson, R. T. Adamson, L. D. Anderson, A. B. Austin, L. K. Armstrong, H. D. Baum, H. W. Brosman, P. J. Binkley, R. W. Benni, V. Biebusch, W. B. Bridges, W. R. Bruders, E. R. Banfield, J. Berry, L. Brown, W. B. Boyer, Sherman	Privates--- Bambrick, E. Canole, Carl F. Carussotto, J. Cunningham, Wm. Christopherson, J. Conklin, C. Creeden, J. Colabro, P. Colangelo, D. Corey, F. M. Cressitelli, C. Czernichowski, F. Davy, J. Dwyer, D. M. Drake, L. D. Driscoll, J. H. DeSalvo, C. Dey, L. B. Edwards, George Evans, J. W. Early, J. L. Francis, J. P. Forester, C. L. Fallon, D. H. Frank S. Factor, Morris Fried, I. B. Gelb, H. Giles, H. D. Gendron, E. J. Gargano, G. Greenfield, J. Grimes, J. Gibb, D. Goldowsky, P. Gregory, C. Gabriel, E. Hamlett, J. C. Harrington, A. Hart, R. T. Henry, J. M. Hammes, A. F. Humphrey, H. C. Harrelson, O. Henry, T. Hadzima, J. Hyde, C. Halstenrud, A. F. Houll, W. W. Hold, H. H. Hulse, A. C. Jones, G. J. Johnson, P. E. Johnson, W. H. James, L. Johnson, W. L. Jones, C. H. Jones, H. P. Karpas, R. Keenan, J. J. Kershaw, A.	Privates--- Ketchum, C. Kiel, Morris Kane, George Luck, Oscar Lake, G. W. Lamanna, L. Lietro, Frank Lind, K. H. Lang, J. F. Leary, E. A. Lescher, P. Landry, A. Mahan, H. D. Maloney, J. J. Miller, Willie Markwalder, E. A. Malott, J. A. Mannion, J. F. (Hosp). Markel, E. McDougal, Adam McNelis, J. J. Munerowski, J. McCluskey, C. J. McKay, W. F. McCann, J. J. Michaelson, C. McGuire, E. Monteverde, J. Murley, D. Mastracco, C. Marshall, Wm. Morrelli, John Mayer, John Montalbano, Peter McCabe, F. Mallaghan, H. Mensching, C. McChristel, J. B. Miele, A. Markhus, E. McDonald, G. Morrell, C. J. Meissner, E. H. Neimsyk, F. Names, F. J. Neeman, A. J. Noffsinger, W. R. Newman, I. L. Neill, D. W. O'Malley, J. Ornstein, I. Oswald, G. E. Olson, R. W. Oxner, T. D. O'Connor, J. P. O'Connell, E. L. Poteraj, S. Pierson, O. Palladino, D. Pearl, P. J. Poplawski, A.	Privates--- Passaretti, M. Piescinski, J. Panavas, A. Piles, George Presley, A. E. Procopio, S. Quigley, P. J. Qualls, J. T. Riley, J. Ridgeway, D. O. Ryan, H. M. Rosenfield, M. Richen, W. C. Ross, E. G. Rubins, J. H. Rabideau, E. Rimkus, Konst. Reed, R. M. Royer, G. N. Russiello, T. Rothstein, C. Rice, H. J. Rathgeber, Wm. E. Scarano, M. Scott, Wm. M. Scheinthal, S. Schyling, G. C. Shields, J. F. Steinberger, P. Sinsabough, J. E. Snopkowski, J. Siezowski, J. Shimkus, S. Seroweicki, J. Smith, E. H. Shockley, E. B. Shrier, H. Seidl, P. Swindell, C. T. Simandl, F. Serlen, H. Sohle, F. V. Tzicka, J. Tatore, P. Tommassini, E. Uzzell, A. L. Vinci, D. Van Hook, J. Vojcak, J. Wheeler, W. H. Winkley, L. E. Witzeman, J. Waslowski, F. J. Weise, J. White, Wm. B. F. Williams, T. Walsh, H. J. Weatherhead, E. R. White, H. A. Warren, C. W. Whitman, F. S.
--	--	---	--	--	---

TO mention "K" Company is to associate with it the Construction Department. Both in a way are one and inseparable. Company "K" is composed almost entirely of enlisted men who are fitted by training and experience for the work of the Construction Department. "K" Company thus appears in a twofold sense; namely, in a military sense it might be termed an alphabetical identity and in another sense commercial, if you please, as a construction company. For a proper understanding of what the men of this company are doing, it will be necessary to get a somewhat general view of the work of the Construction Department.

Foremost appears Major A. B. Roberts, Constructing Officer, nominally Assistant Constructing Officer, who has moved quietly behind the scenes, but the touch of whose master hand has left an indelible impression on every important item of construction. His kind and genial disposition has inspired confidence in his subordinates and urged them on to greater endeavor, the fruitful results of which are numerous. It may be truthfully said that the enlisted men find Major Roberts a "prince" to work for.

Lieutenant H. L. Breuninger is Major Robert's assistant, acting in an administrative capacity, also our Company Commander, and has charge of Motor and Horse Transportation. We, however, know him best as our Company Commander. He has given a patient ear to all complaints and administered the affairs of the company in a most praiseworthy manner. He sees that fair play is dispensed to all the men under his command, and he has earned for himself the gratitude of all the men of Company "K."

Private Henry Rosenthal.





Company L---Third Battalion

Company Commander:—CAPTAIN T. S. FARRELLY
First Sergeant:—ORDNANCE SERGEANT JOHN W. DODGE
Supply Sergeant:—SERGEANT FIRST CLASS FRANCIS STEVENS
Company Clerk:—Private Richard Spring

COMPANY ROSTER

Sergeants—

Harris, William
Matthew, Bryce
Johnson, John
Potento, Anthony
Gillen, William J.
Keeley, William
Wice, George
Turner, John
Richardson, Walter

Corporals—

Canada, Dolphie
Foster, John
Keitr, Harry
McDermott, Farrell
Corcoran, James D.
LeNay, Thos.
Harris, John E.
Meeker, Clair
Kanas, Mike
Kruger, Charles A.
Harlow, Dennis

Cooks—

Elvin, Sander
Moskowitz, Emil
Bartone, Anthony
Smith, Preston W.
Ohler, Louis

Privates 1st Class—

Berberick, Karl W.
Blair, Milton
Brockett, Gideon
DeFelice, Angelo
Dragg, Joseph
Flittner, Rudolph

Fry, Edward H.
Hornbustle, Edward
Jerrahian, Khoran
Huff, Earl
Kiernan, Bernard
Klein, Max
Levy, Julius A.
Mavery, Guilbert
McCabe, John F.
Salitress, Joseph
Turner, Robert L.
Wells, Mark
Worley, Russell L.

Privates—

Anker, Albert A.
Ashworth, James
Albritton, Joseph W.
Anders, Harle
Arwwood, Jake
Bittinger, Rolla
Bliss, Franklin
Blum, Morris
Borowoj, Waldemair
Bottger, Walter
Brown, Clayton C.
Baker, Robert H.
Barnhill, Pink I.
Blackwell, Horace
Boyd, Arden
Buckner, Luther B.
Burke, William E.
Campbell, Edward
Cannizzara, Joseph
Carey, John J.
Caudel, Walter C.
Coene, Richard E.
Connett, Richard
Cole, John

Corbit, James
Cannon, Charles
Czarinski, Joseph
Cartledge, Joseph
Davey, Edward
DeAngelis, Ernesto
Delmon, Harry L.
Delvechio, Vito
Doughty, Restore
Dale, Coe
Edwards, Thomas
Ennis, Zach W.
Fein, Benjamin
Foshaar, George
Flannigan, Thomas
Flynn, Jeremiah
Galante, Christ
Gallagher, James
Gallaghde, John
Galupin, Barney
Gelertner, Joseph
Gammon, Landau
Grown, Benjamin
Hanschen, Henry W.
Hozak, Emil
Horton, Warren
Hargett, Evan P.
Hiller, James
Harmon, James
Holt, Ruben
Howell, James R.
Inman, James
Johnson, Andrew
Johnson, Spencer L.
Karnowski, Felix
Kavities, Melaes
Kearns, Thomas M.
Kessler, Richard
Kurkovsky, Louis

Koehler, Charles
Landau, Gersheon
Lauterstein, Max
Lionette, Patsey
Lockner, Adolph
Long, Frank
Luckett, Andrew
McLatchey, Bradford
Mahoney, Edward
Males, Guy
Marshall, Herman
Mortorana, Pietro
Mayer, Joseph
McClellan, Robert
McKenzie, Joseph
McNamara, Daniel
Metzler, Mike
Miller, Clayton W.
Millstein, David
Morse, Earl J.
Mostowye, Michael
Mangham, Fred
Mangham, Walter
Meiss, Edward
Meyer, Eddie
Meyer, Henry J.
Natcharian, Nazaret
Nettles, Rochester
Novicki, John
O'Brien, James
Ohler, Edward
Oslowski, Constantine
O'Tool, John E.
Padufalski, Frank
Piligno, Anthony
Polo, Anthony
Priscoe, Generso
Provost, Robert
Quinn, John J.

Raniero, Angeline
Reinhard, Frank
Riska, Louis
Rowe, George
Rosenblum, Samuel
Riggs, Ruben
Schiff, Isidore
Schields, David
Schwind, Louis
Schroeder, Ernest
Smithwait, William
Snyder, Henry
Stachyra, John
Stapert, Klass
Starnes, John D.
Stanzark, Joseph
Stole, Charles H.
Stephenson, Chalmers
Stewart, Robert S.
Stillman, Roy
Stole, Rader
Susky, William E.
Sutton, Fred
Schuring, Fred
Schuster, George
Sinclair, Wallace
Sims, Homer
Tausche, Arthur L.
Taylor, David F.
Tompkins, Benjamin
Travis, Alfred
Taden, John
Valche, Cyrel
Van Winkle, Louis
Ventra, Anthony
Ventimiglia, Antonio
Williams, Mortimer
Wills, L. A.
Zaleski, Tony

ON the 15th day of June, 1918, Company "L" was organized. Lieutenant Hough, who has seen active service with the British Army in France, in command and Lieutenant Nea, assistant commanding officer. The Orderly Room force consisted of First Sergeant John W. Dodge, Sergeant Greer, who has since been commissioned Second Lieutenant, and Corporal Beyer. There were 74 enlisted men who had been transferred here from the 78th Division, National Army, Camp Dix, New Jersey, in the Company at the start, but this number was shortly afterward augmented by 110 additional men from the same Division which, together with other transfers brought the strength to about 200 men, which it has averaged ever since.

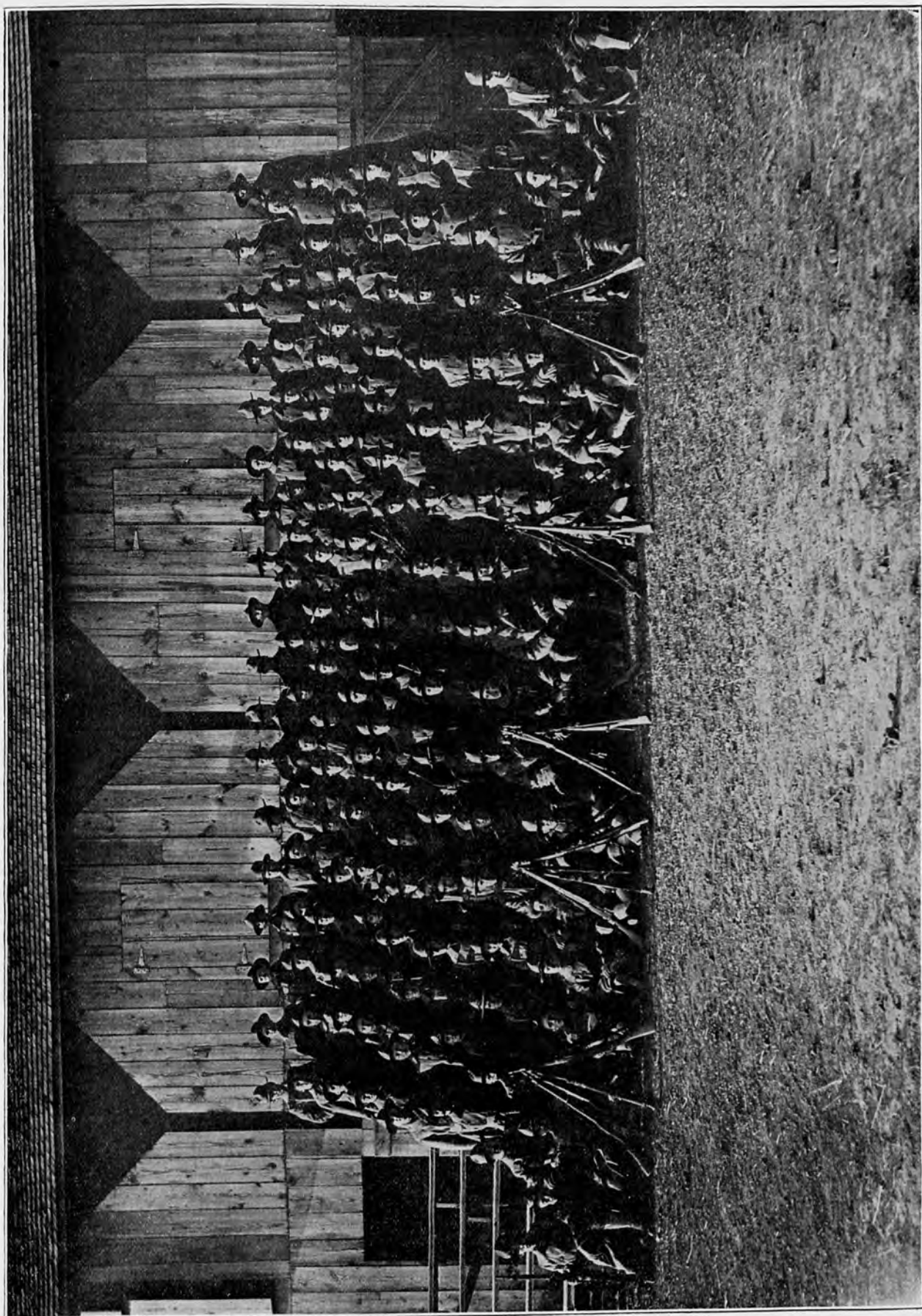
The special details to be furnished by Company "L" have been the Farm Detail, Officers' Mess and Quarters, Fire Detail, Orderlies and details for the Traffic Department and Police Officer.

The efforts of the detail on the Proving Ground Farm, which is located on the Artillery Range, and not considered suitable for civilian farmers, have been felt mostly through the Post Mess Halls. The peaches, tomatoes and sugar corn, for which Maryland has ever been famous, constantly adorned the tables in our mess halls before meals—if not afterward. The gathering of these Maryland specialties has been the delight of the men of Company "L," not to mention large quantities of other vegetables, over 10,000 bushels of potatoes, and enormous quantities of grain and hay. The farm is a model for the neighboring farmers and it is not unusual to see them adopt new methods which have been inaugurated here.

And who are all the orderlies in the Administration Buildings? Who are the orderlies that bring your telegrams stating that your twenty-second cousin—with the twenty-second omitted—is sick? Company "L" men, you may be sure.

We do not feel that the roster of the company is complete without the names of those who died during the epidemic of influenza, and sincerely regret the passing away of Privates Benjamin Smiley, Philip Reilly, George C. Albritton and James Sewell.

The personnel of our company was enlisted from over half of the States in the union, together with several foreign countries, and represents all walks of life from the Farm to the Wall Street office, and from the Mine to the Pulpit. More congenial men would be hard to find, and, when we are finally separated on our homeward jounries, many pleasant associations will be broken, but we will never regret the work we did for Aberdeen Proving Ground and the U. S. A.





Company M---Third Battalion

Company Commander:—FIRST LIEUTENANT E. A. MCGUIRE, JR.
 First Sergeant:—ORDNANCE SERGEANT LINDSAY M. GOODEVE
 Supply Sergeant:—ORDNANCE SERGEANT RUFUS WEISCHADEL
 Company Clerk:—SERGEANT ROGER W. EISINGER

COMPANY ROSTER

Ordnance Sergeants—

Angler, George
 Rieker, Wm. J.
 Goodeve, L. M.
 Weischadel, Rufus
 Slocumb, Herbert

Sergeant 1st Class—

Little, William

Sergeants—

Able, Fred
 Eisinger, Roger W.
 Neifield, Barney
 Farr, Charles
 Brown, William E.
 Mussmon, John J.
 Daily, Allen V.
 Bush, Frank L.
 Smejkal, Charles
 Dunlap, Harold
 Selterman, Morris

Corporals—

Bidwell, Charles C.
 Barrows, Edwin A.
 Patterson, Henry V.
 Brown, Fred S.
 Kent, James H.
 Peavler, George W.
 Hill, James
 Hiland, Andrew S.
 Mains, Homer
 Strunk, Raymond
 Murphy, Thomas
 Gottlieb, E. V.
 Serritella, Chas. P.
 Mack, Leo J.
 Kilkenny, John
 Woods, Clarence C.
 Cervenka, William
 Achard, Eugene
 Meeker, Harry
 Glaman, Charles J.

Wuestman, Andrew H.
 Grampp, William
 Holtfreter, Albert

Privates 1st Class—

Aylsworth, Everett
 DiBlasi, Anthony
 Gustafson, H. J.
 Armstrong, Carl
 Benson, Eloy
 Christenson, Joseph
 Foshee, Philip H.
 Markel, Charles
 Pingatti, Guiseppi
 Beveridge, E. J.
 Gisborne, Grover
 O'Heir, John J.
 Walsh, William F.
 Hickey, Charles
 Hughes, Louis
 Loebig, Henry V.
 Davey, Frank E.
 Bender, Edward
 Montgomery, Clem E.

Cooks—

Newton, Delbert E.
 Sullivan, James J.
 Lindstrom, Alfred
 Eddings, Benjamin
 Lendick, John
 Johnson, Riley R.

Privates—

Abbott, Charles
 Abby, Edward J.
 Assennato, Frank
 Austin, Glen G.
 Beddows, Richard
 Bell, Harry
 Biena, Thomas B.
 Bisbano, Joseph
 Bottone, Frank
 Brown, Eugene E.

Byrd, Alcie R.
 Caldwell, Frank P.
 Canacakos, A.
 Cemon, Randolph
 Dewald, John M.
 Doersam, Carl A.
 Dwyer, Edward J.
 Ellenberg, Sanford
 Ewald, Arthur
 Fese, Benedetto
 Fiore, Ferdinando
 Flynn, Charles
 Fowler, Homer E. S.
 Giovenco, Giovanni
 Goutremout, E. D.
 Graziz, Antonio
 Hajek, Roman
 Haney, Roy
 Hoeger, Clement H.
 Horn, Herman
 Hovanec, Geo. J.
 Huse, R. L.
 Jace, Virgil G.
 Junker, Charles R.
 Kamalafsky, Ignacz
 Kedzerski, Z.
 Lava, Giocomo
 Lee, Edwin A.
 Levine, Benny
 London, Oren
 Long, E. F.
 Lutkewich, Isidorf
 Lykudis, Peter
 McAfee, Wm.
 McGuire, Joseph
 McGuire, Sam, Jr.
 Meavitz, Miron
 Maffucci, Denato
 Malys, John
 Marzec, Franciszek
 Mendichi, Amelio
 Michnerwicz, C.
 Miklofsky, Joe
 Miller, Frank E.
 Milocz, Stephen H.
 Moskowitz, Hugo

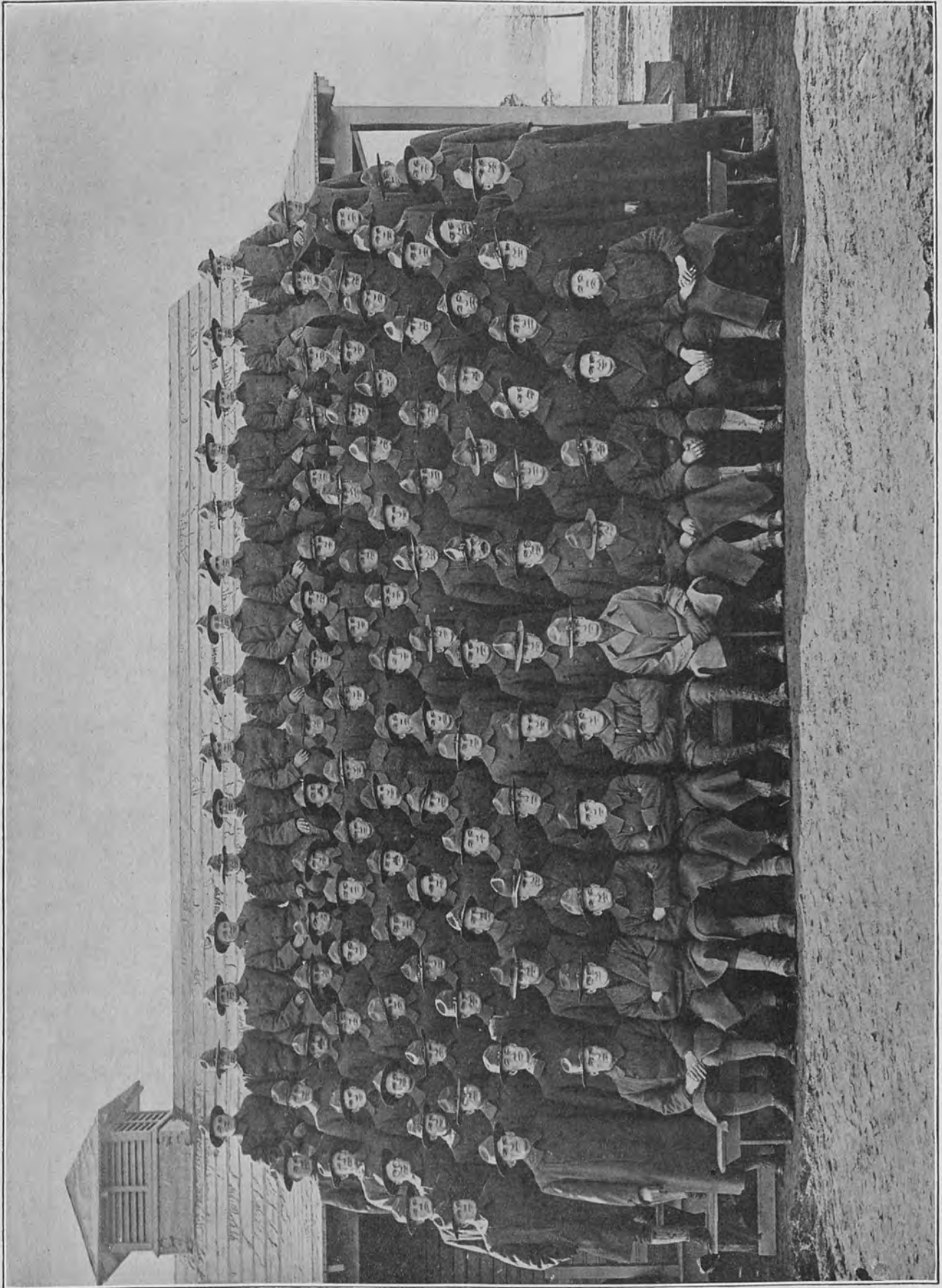
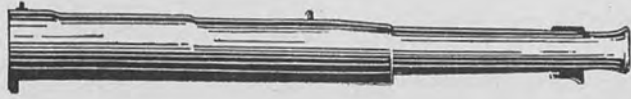
Muehling, Emil
 Muchling, Leo
 Nadashkovich, Nickalander
 Newiadowsky, John A.
 Ogurek, Benj.
 Pace, Angelo
 Passmore, Geo. F.
 Pahlke, Gustav
 Piacente, Serafino
 Piscitelli, Domenico
 Pietroff, Alexander
 Pomerleau, Charles A.
 Povakoskie, John
 Pruitt, Earl
 Prysecki, Joseph
 Pucci, John
 Revel, Alfred
 Riddelle, George
 Ridge, Benj. H.
 Ritter, Arthur C.
 Rooney, James M.
 Rose, Frank
 Rossitto, L.
 Rusek, Joseph F.
 Ryan, John J.
 Ryan, Martin F.
 Saraniero, Michael
 Schmidt, Lester D.
 Schneider, Samuel
 Schofield, Fred
 Schofill, John H.
 Sciavetto, Frank
 Sharo, Anton
 Slavinski, Mike
 Smith, Eugene F.
 Smith, George H.
 Sosnowski, Florjam
 Sperry, August
 Stark, Frank
 Tarle, Sabatino
 Tobak, Joseph
 Vala, Frederick
 Varrone, Dominick
 Vito, Louis
 Wadeki, Wasclaw
 Walker, John J.

ON June 13th, 1918, Company "M," organized, consisted of Lieutenant A. R. Taylor, commanding; Lieutenant Edward Doyle, assistant C. O., and Corporal Jesse Yaden, acting first sergeant; Private Ernest Goodwin, company clerk, and Sergeant Brackin, drill master. The following day, with the arrival of 72 men from Camp Dix, and July 11th, an increment of 110, the present strength was achieved.

September 2nd Lieutenant Taylor was relieved. His successor, Lieutenant Whitney, was in command of the company for the fortnight ending September 15th. At the time Lieutenant Taylor left his command for the Engineering School the reorganized non-com staff consisted of Private Goodwin, acting first sergeant, Private Eisinger, company clerk and Corporal Mierke, supply sergeant.

September 15th Lieutenant Whitney, transferred to the Headquarters Company, was succeeded by the present commanding officer, Lieutenant E. A. McGuire, Jr., ex-C. O. of "B" Company. Lieutenant McGuire brought with him Corporals Goodeve and Weischadel, both Ordnance Sergeants today, the former first sergeant of the organization, the latter supply sergeant.

Company "M," under the new scheme planned in the reorganization of the Post, furnishes the following details: Post Exchange, Stables, Butchers, Provost Sergeant, Gardeners, Power Saw Crew and Police.





Company N--Fourth Battalion

Company Commander:--FIRST LIEUTENANT N. S. SHARPE
 Assistant Commander:--SECOND LIEUTENANT JAS. S. GORSUCH
 First Sergeant:--SERGEANT HUGH L. McKINNON
 Supply Sergeant:--SERGEANT THOMAS J. DAY
 Company Clerk:--CORPORAL HENRY F. GADDY

COMPANY ROSTER

Ordnance Sergeants--

Mazzia, Cipriano J.

Sergeants 1st Class

Conrad, John W.
 Hogan, Louis A.
 Lippman, Harry G.
 McFee, Robert A.
 Peck, Robert R.

Sergeants--

Anderson, Roy J.
 Arnov, Benjamin F.
 Dalbey, Charles D.
 Davis, Percival E.
 Dean, Nat.
 Gotha, George L.
 Lander, Joseph H.
 Parent, Emile J.
 Rule, Samuel F.
 Wilson, Leidy L.

Corporals--

Archdeacon, Maynard
 Beck, Raymond H.
 Bolino, John S.
 Butler, Harry F.
 Butler, Marcus C.
 Conroy, Raymond P.
 Delaney, Leo J.
 DeLotto, John
 Dickerson, Charles B.
 DeWitt, Philip S.
 Doyle, Thomas I.
 Eoff, Lee G.
 Finkle, Joseph G.
 Finesilver, Elias A.
 Galsbauer, William H.
 Goetz, Henry J.
 Hendry, William J.
 Irish, Simon H.
 Kleponis, Joseph J.
 Klovekorn, George L.
 Morris, William T.
 Olive, Paul E.

Phillips, Everett C.
 Peck, William S.
 Roderick, Frank R.
 Rupert, Jay E.
 Sanford, Fred L.
 Schaffer, Emery F.
 Scaldenbrand, Ray J.
 Schutte, Raymond J.
 Troudy, Raymond H.
 Truex, Fred.
 Willig, Bruno
 Yaeger, Harry T.

Privates 1st Class

Atkins, Jessie E.
 Armstrong, Sherman
 Billmeyer, Victor C.
 Bradley, Byron P.
 Brady, James P.
 Carroll, Raymond R.
 Casey, John J.
 Cutter, Ray J.
 Crawford, Hugh H.
 Davis, Herschel H.
 Diamond, Lee
 Duggan, Bernard
 George, Clarence M.
 Gralow, Fred.
 Hajek, John
 Hawkinson, Joseph S.
 Heim, Walter V.
 Henderson, George
 Hipwell, Alvin
 Isaac, Bert
 Johnson, Grover H.
 Kapner, Abraham M.
 Karalus, George E.
 Keefe, Francis P.
 Keesler, Harrison C.
 McConnell, William
 McGann, John J.
 McLeod, Bert
 McManus, Joseph D.
 Mirsky, Solomon
 Moore, Robert
 Pilpel, William

Rice, James J.
 Rowbotham, Edlon H.
 Shea, Patrick J.
 Smith, Harold H.
 Stow, Miles F.
 Straus, Max
 Strimple, Ralph L.
 Sturts, Charles C.
 Terem, Paul
 Timm, William P.
 Vanderpas, Nicholas
 Vantz, Carl E.
 Wanzer, Clarence
 Wagner, Wilmer
 Wolski, Henry
 Wood, Arthur W.
 Wood, Arthur H.
 Wujcik, Andrew

Cooks--

Moser, William H.
 Towre, Roy
 Searcy, Claud
 Ross, Charles L.
 Spicer, Lewis A.

Privates--

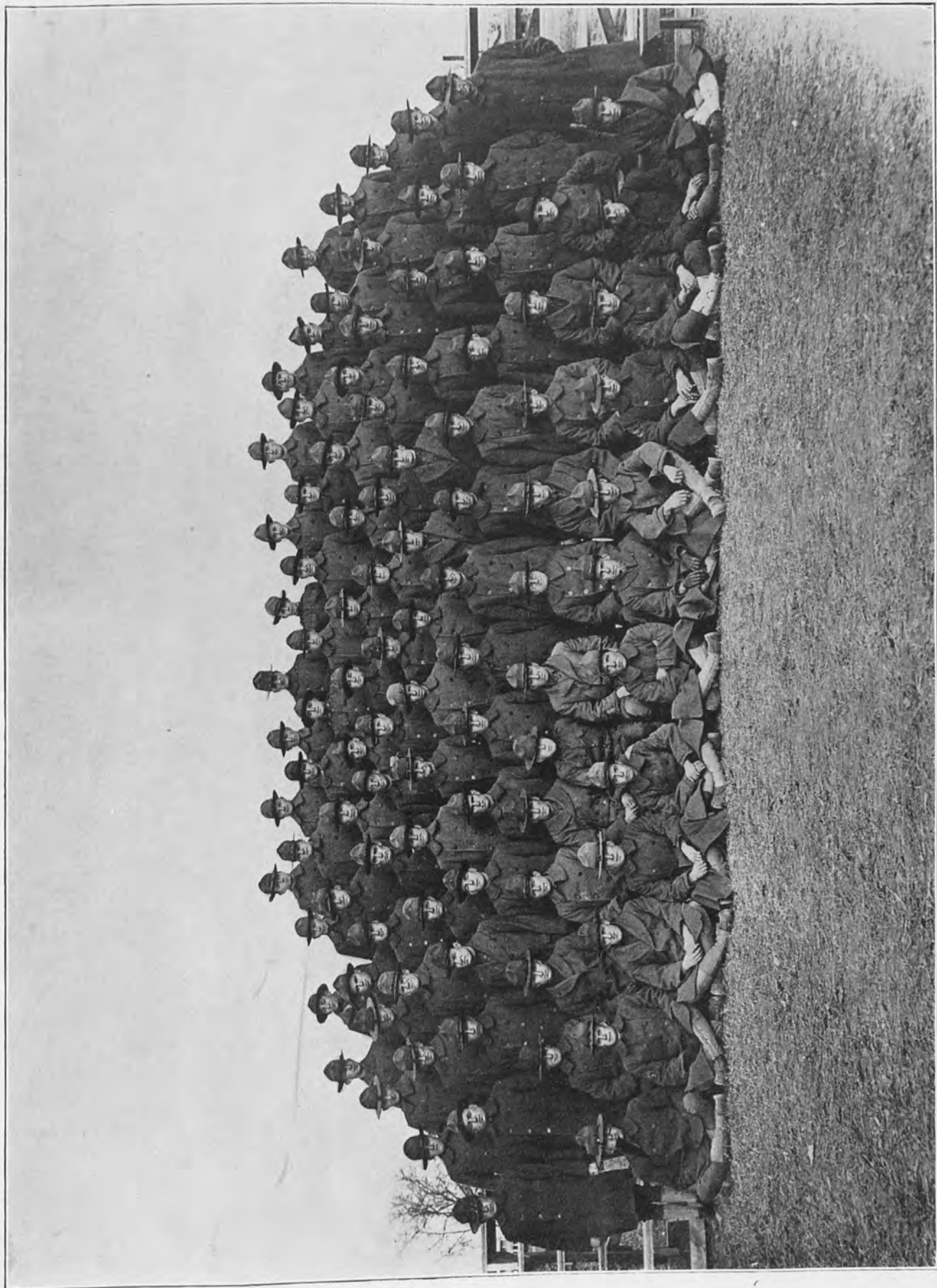
Aarhas, John
 Alexander, George
 Alfano, Peerio
 Aldrich, Lewis E.
 Althof, Earl A.
 Alger, Weyman L.
 Amore, James A.
 Barlow, Thurman E.
 Basco, Michael A.
 Block, Sidney
 Bivin, Lowell L.
 Bissell, Morris H.
 Boloski, Felix
 Boykin, Percy
 Broadway, Nathaniel W.
 Brown, Gordon H.
 Campbell, Arthur E.
 Canaday, Claud S.
 Cerny, Henry
 Connallon, Martin E.
 Cope, Harry Cope
 Coury, Thomas
 Cramer, Joseph
 Daniels, Michael
 Deathe, George M.
 Dellapenta, Louis
 Demarest, Leland K.
 Del Puppo, Eugenio
 Depiazzal, Joseph J.
 Donnelly, John P.
 Doran, Joseph B.
 Emple, Jay N.
 Fink, Joseph
 Fischer, Harold S.
 Follendore, Hartwell B.
 Francis, Frank
 Gehringer, George
 Gentile, Umberto
 Glassen, Gustav F.
 Goecke, Roy R.
 Greenberg, Louis
 Grube, Jacob
 Haverty, James J.
 Harris, Charles L.
 Harbaugh, Brent M.
 Hobbs, Albert W.
 Hilt, Louis J.
 Higgins, Edward J.
 Helms, Joseph G.
 Jaskolski, John
 Jardine, James
 Jeffas, Cornelius
 Johnson, Allan C.
 Johnson, Christian
 Kalliches, Thomas
 Kellington, Roy I.
 Kelleher, William H.
 Kehoe, Henry J.
 Klingenstein, Herman F.
 Kilmartin, Elmer A.
 Kret, Max
 Laving, Calvin M.
 Lee Lopez
 Leonardis, Joseph
 Levy, Rubin M.
 Martin, Lillis
 McEnroe, George A.
 McGrew, Clayton

McOscar, Daniel P.
 Mahaney, Charles B.
 Mahler, Sigmund
 Markowitz, Isidore
 Masterson, Daniel A.
 Miraglie, Donato
 Morris, George R.
 Monix, Henry P.
 Murray, George M.
 Pancoast, Caleb L.
 Perkowski, Teofil
 Piechowinski, John
 Prostler, Bartholomew F.
 Quaglia, Enrico
 Rockwell, William
 Royahn, Charles A.
 Rooksby, Frank L.
 Russell, John
 Reil, Edward L.
 Schuster, Walter C.
 Schaff, Frank P.
 Scanlon, William J.
 Schultz, Arthur
 Schramm, Karl B.
 Schuster, George E.
 Schuhman, Edward F.
 Sepe, Carmine
 Sieber, Charles W.
 Sinkoff, Samuel E.
 Smith, Andrew J.
 Sontag, Raymond P.
 Spence, Simon F.
 Spriggs, Herbert
 Steip, William
 Stuart, John M.
 Suteh, Steve J.
 Swift, Michael F.
 Taylor, Amos S.
 Thompson, Ray S.
 Thompson, Howard N.
 Trites, William C.
 Ullness, Norman E.
 Wheeler, Joseph L.
 Wolfing, George F.
 Werner, William C.
 Wuetrich, Hans J.
 Yonusewki, Vincent P.

ON August 23rd, 1918, a general reorganization of officers and enlisted men was ordered and "N" Company was designated as the home of all men connected with the management, operation and maintenance of all motor transportation facilities of the Post. The total strength was then 214 men, First Lieutenant R. C. Abbey in command. The size and personnel of the company has changed but little since its organization, with the exception that Captain B. R. Clarke and First Lieutenant N. S. S. Sharp succeeded Lieutenant Abbey, in order named, in the dual capacity as officer in charge of Motor Transportation and Company Commander.

Among the most important work performed by the company is the transportation of ammunition and supplies by truck and truck trains from arsenals throughout the East, the transportation of officers, men, supplies and equipment by touring cars, buses, trucks, tractors and motor cycles, about the grounds, to the several ranges and to towns both near and far, as necessity arises at any time of day or night.

The duties connected with the operation, in the broadest sense of the word, of such an organization, in order that the needs of all the departments might be satisfied as far as possible, are necessarily extremely varied and call for the greatest amount of energy, patience and sacrifice on the part of every man connected therewith. While it has not always been possible to meet all the demands which have from time to time arisen, it is fully realized, considering the limited equipment, facilities and experience of many of the men before entering the service, that the organization has served well the needs of the Post, and especial credit is due the enlisted men who have faithfully performed their tasks whenever called upon, or saw it as their duty.





Company R--Fourth Battalion

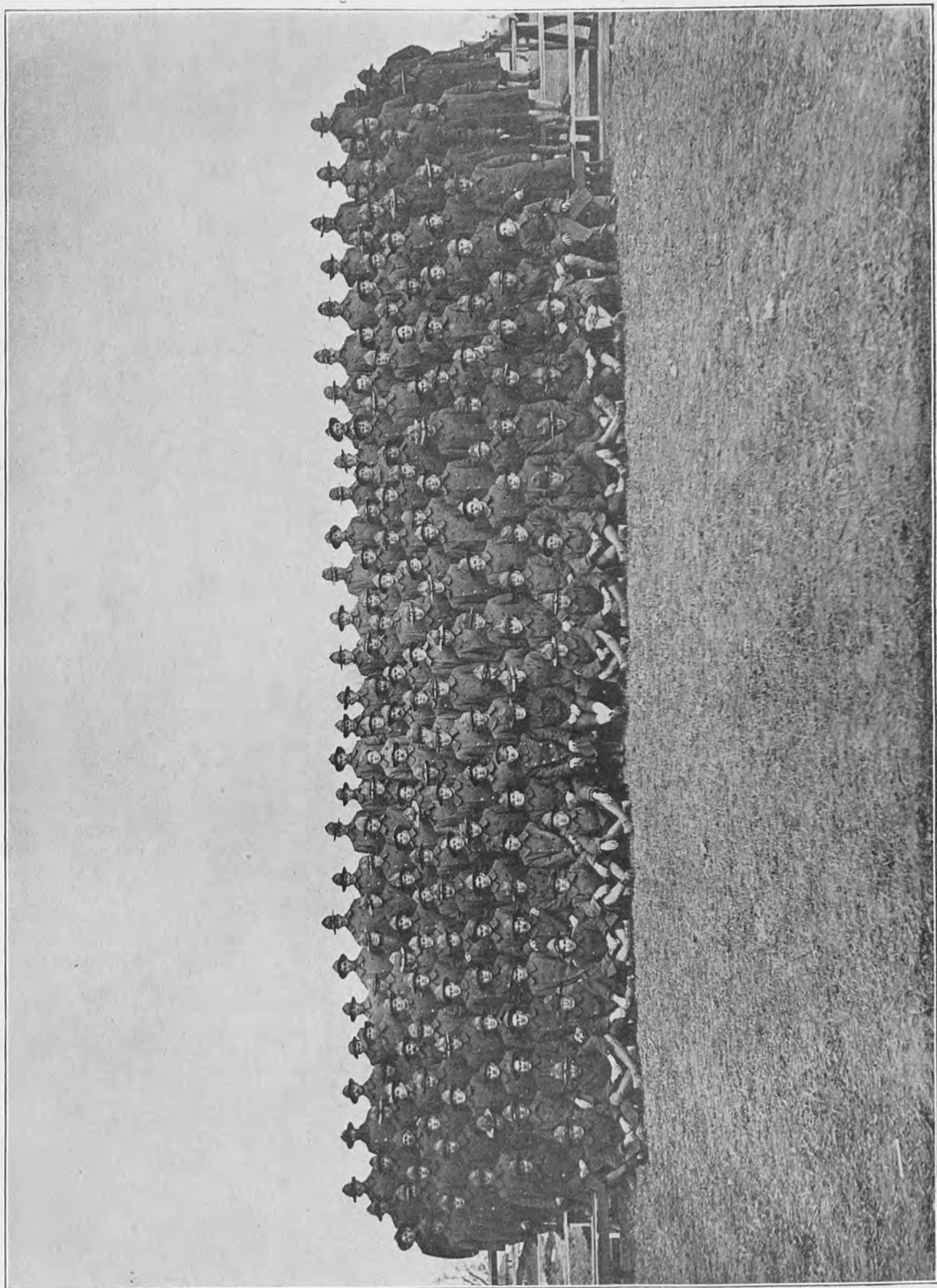
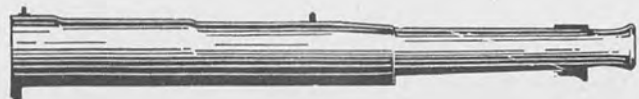
Company Commander:—FIRST LIEUTENANT T. E. HAIST
Acting First Sergeant:—CORPORAL JOHN J. GARRY
Acting Supply Sergeant:—CORPORAL WILLIAM K. HULL
Company Clerk:—CORPORAL R. D. McNEES

COMPANY ROSTER

Sergeant— Davis, P.	Buttacavole, V.	Hurd, R. F.	Piwinski, W.
Corporals— Garry, J. J. Hull, W. K. Muphy, H. Pietrazak, M. Sloan, E. J. McNees, R. D. Peck, W. Belenio, J. Archdeacon, M.	Calamia, N. Callorico, J. Cararelli, N. Carauddo, A. Cardona, J. Caielta, J. Carusone, A. C. Cepnel, I. Cernera, R. Chapin, N. O. Checo, R. Citkoski, J. F. Cloutier, E. Colura, C. Cope, H., Jr. Crawford, J. Cropsey, Chas. Cucchi, L. Cuccugliato, R. Curin, W. Daniels, M. Diamond, L. Diclemento, G. Dremk, J. Duggan, B. T. Durr, P. F. Dusck, E. Dziubinski, S. Enacone, D. Evans, L. E. Falanga, L. Fauzza, L. Ferrelli, A. Fields, J. Frtus, F. Furrey, J. Gatti, J. N. Glynn, H. N. Gonzales, M. Grady, J. H. Greenberg, L. Hahnke, F. W. Halones, J. Harbaugh, B. M. Hassan, M.	Ide, F. T. Iovine, M. Jowaski, S. Lamparski, S. Kalamaras, G. Kovorkian, O. Kopf, Chas. Korenick, J. Krawczyk, A. J. Kupezenia, P. Kupeiski, T. Lamparski, S. Ladwig, C. F. Lease, L. Lekich, J. Ligato, J. Liatto, N. Levy, R. M. McErone, G. A. McGrew, C. Mastragiavanni, M. Mumford, A. B. Mazza, G. Mangini, J. Menaguale, G. Mikula, A. Militello, S. Miller, H. Mitrano, S. Mukhalian, S. B. Napoli, C. Nardelli, V. Nebel, C. L. Nesor, J. Niemi, A. Nirelli, N. O'Leary, F. Olenski, J. Padasinovic, G. Painko, A. Pallatto, P. Patino, S. Pescetelli, N. Pietrantuono, F. Pillitere, S.	Putvinskas, A. Repucci, F. Ricca, S. Richterman, G. J. Rizzon, S. Rossito, D. Safianowski, M. Salmen, E. Scanlon, W. J. Schultz, A. Schlack, S. Schmiett, G. Seng, L. Sexsmith, R. W. Shermer, H. A. Shukalo, S. Slywicki, J. Soldutto, M. Staton, W. H. Steenbeck, W. J. Straubel, W. Sullivan, J. Supienko, A. Szymanski, E. Tanguay, J. Tarasewich, N. Tassone, T. Teresi, R. R. Topojitski, A. Traino, J. Torno, Chas. F. Vacca, H. F. Vicarro, M. A. Vickery, S. W. Villane, P. Welenc, W. Wieczorek, J. Wolfe, L. Yablonski, J. Youngblood, H. Zacchei, P. Zanzaro, M. Zappeteni, P. Zitch, W.

COMPANY "R," Fourth Battalion, is composed of men physically disqualified for overseas service. This does not alter the fact that, had they been privileged to go across, they would have rendered service equal to that of the more fortunate. It is particularly significant that there has been developed within this organization a quota of non-coms which the company commander is willing to stand up against those of any other unit on the Post. The company as a whole is possessed of morale which has resulted in "rookies" being whipped into shape in short order. Well clothed, well fed, they do their bit cheerfully, with a vim that has brought praise from the officers in charge of the various kinds of work to which the men of "R" Company have been assigned.

The men of the organization arrived at A. P. G. from Camp Dix, N. J., November 1st, 1918, and were assigned to the tents opposite the Hospital as the First Depot Company, Fifth Battalion, Lieutenant Haist, commanding officer. After a few days they were transferred to the Fourth Battalion, becoming "R" Company of that organization in charge of Lieutenant Chase, to whom, in a large measure, is due the development of the company. November 30th, 1918, Lieutenant Haist again took command of the company vice Lieutenant Chase relieved on account of transfer to Erie Proving Ground, Ohio.





Company S--Fourth Battalion

Company Commander:—FIRST LIEUTENANT WALTER C. RUSS
 First Sergeant:—FIRST CLASS SERGT. ROBERT R. APPLGATE
 Supply Sergeant:—SERGEANT HOWARD A. McCALLUM
 Company Clerk:—PRIVATE GEORGE W. BLAIR

COMPANY ROSTER

Sergeants 1st Class—
 Dean, Edward L.
 Smith, Charles L.

Sergeants—
 Bullamn, Lewis
 Eaton, Rolfe S.
 Eyre, Alfred
 Morrisson, James
 Pease, Irving
 Spencer, Earl W.
 Turner, Roy

Corporals—
 Best, John
 Bloedorn, Irwin
 Creasy, Charles O.
 Fink, Peter T.
 Hay, William
 Hughes, Raymond
 Law, Charles L.
 Morgan, John T.
 Morris, Clifford, R.
 O'Connor, John
 Paradine, Robert
 Pittman, James A.
 Sheets, George
 Stevens, John
 Tarczynski, Edward
 Valcho, William J.
 VanStratton, Joseph
 Wagner, Joseph L.

Privates 1st Class
 Anderson, Frank
 Berkery, Thomas
 Davis, Fred
 Ferguson, James
 Holmes, Floyd
 Johnson, Fred S.

James, Charles
 Samon, Floyd
 Vreeland, Garrett
 Riha, Joseph
 Reynolds, Joseph
 Sullivan, Erel
 Mattern, Arthur W.

Cook—
 Carr, Edward L.

Privates—
 Bare, Iron
 Bates, Roy G.
 Blair, George W.
 Butts, Albert
 Boehm, Fred
 Brewer, Thomas
 Brokaw, Harold S.
 Cancianni, Henry
 Carrel, Homer L.
 Cason, William
 Castle, Clarence
 Christey, Okey
 Cohen, Philip
 Collatto, Nick
 Cook, Ivan
 Combs, Hulet B.
 Chojnaiki, Joseph
 Derence, John
 Donohue, Harry
 Drzewucki, Frank
 Dearing, Ralph V.
 Dowdy, John W.
 Eichner, Frank
 Farrow, Harvey
 Freedman, Robert
 Guyot, William H.
 Gaier, Charles J.

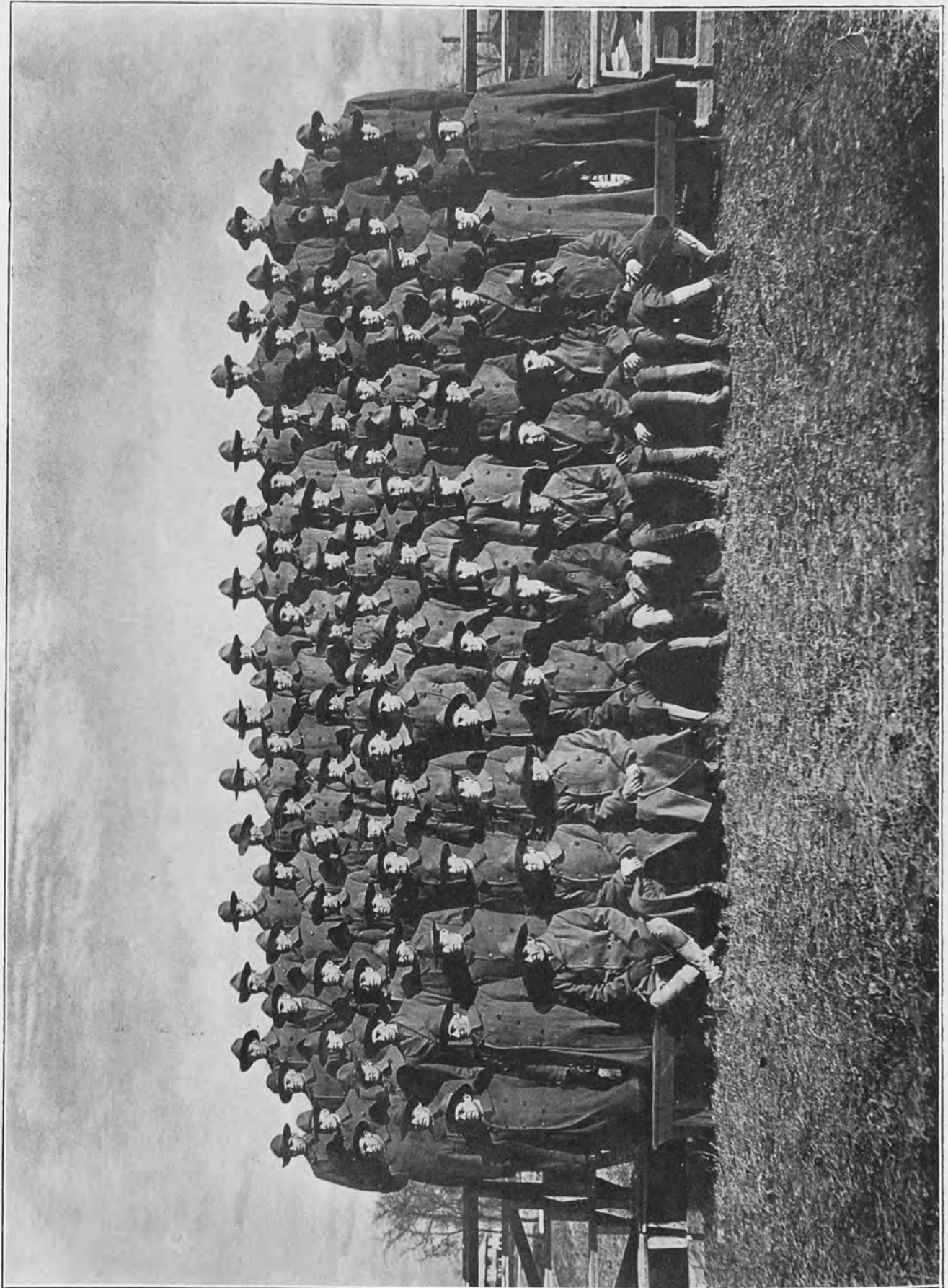
Garfinkle, Phillip
 Guckian, Frances
 Goldfinger, Harry
 Holmes, Arnold L.
 Hailenbeck, Charles
 Hichman, Leslie O.
 Hensler, Albert
 Hawley, Edward W.
 Harris, Luther D.
 Hughes, Edwin
 Hockenberry, John G.
 Jaeger, Fred
 Jennings, John W.
 Kentzel, John
 Kovolick, Andrew
 Kaszyckij, Simon
 Krasner, Charles
 Kraus, William
 Kennedy, Frank
 Liberte, Ernest
 Luthi, Noah
 Lunsford, Harry
 Lentulay, Edward
 Lee, John W.
 Lanzavecchia, Carlo
 Lewis, Walter
 McNulty, John
 McFarland, William
 Mariotti, Charles
 Myers, Joseph
 Milbroad, Andrew
 McGee, Joseph
 Maglio, Frank
 Marshall, Edgar T.
 Messina, James
 Mannes, Albert
 Montgomery, William
 Maysa, Joseph

Mraz, Charles
 Myers, Ralph T.
 Nooes, Charles
 Ostoperiz, John
 Otto, Sam
 O'Brien, Jerry
 O'Dell, Martin C.
 Olson, Edgar A.
 Pathay, William
 Pashley, William
 Pashley, Lewis
 Pollitt, James K.
 Pearlman, Harry
 Picariello, Nick
 Pessa, Simon
 Pontarelli, Carl
 Quattini, Giovanni
 Rose, George
 Rydzinski, Joe
 Reetz, Albert C.
 Rentsch, William G.
 Richen, Walter
 Rutherford, William
 Slattery, Stephen
 Sanders, Albert
 Stoko, Mike
 Shimel, James
 Sprague, William H.
 Schyve, Abraham
 Stickler, Robert
 Tansey, Edward
 Warren, Charles
 Wright, Martin T.
 Watchler, Steve
 Zeppiro, Biago
 Zimba, Stanley
 Zanon, Albert J.
 Graves, Martin

COMPANY "S" was organized on August 23rd, 1918, from all the details in the Service Department exclusive of the Garage. These details are as follows: Machine Shop, Blacksmith Shop, Telephone and Telegraph, Boats, Forestry, Sawmill, Service Department Offices, Stables and Construction Department. At the time of its organization the Company, consisting of 96 men, was for the purpose of administration combined with Company "N" under one command, with First Lieutenant R. C. Abbey as Company Commander and Sergeant First Class Hugh L. McKimon as First Sergeant.

On September 19th, 1918, Company "S" became a part of the Fourth Battalion and was separated from "N" Company. First Lieutenant W. C. Russ was assigned as Company Commander, First Lieutenant R. B. Litchfield and Second Lieutenant O. C. F. Lippert as assistant Company Commander. Sergeant First Class Robert R. Applegate as First Sergeant. The strength of the Company had then grown to approximately 145 men which it has maintained up to the present time.

The work of the men of Company "S" is varied and, in some of the details, of a nature requiring special skill and training. Besides furnishing the men for the details above specified, Company "S" also supplies from its personnel officers and non-commissioned officers in charge of each, under the general supervision of the head of the Service Department.





Company T-Fourth Battalion

Company Commander:—LIEUTENANT C. A. WEBSTER
First Sergeant:—SERGEANT EDWARD L. SULLIVAN
Supply Sergeant:—SERGEANT JAMES F. TEHAN
Company Clerk:—CORPORAL CHARLES L. DUFUR

COMPANY ROSTER

Sergeants—

Amell, John F.
Cashion, Michael M.
Soule, Robert
Yeanish, Charles

Corporals—

Eggert, George B.
Frye, Leroy
Johnson, George L.
McNees, Robert D.
Ross, Earl D.
Salthouse, George M.
Winings, Earl R.

Cooks—

Bobb, George E.
Schubatis, Charles L.

Privates 1st Class

Baker, Edward L.
Dickinson, Louis C.
Harmon, Joseph H.
Miller, Roy S.
Levine, Lewis

Privates—

Adam, Frank S.
Bennett, Frederick
Bersani, Francesco
Blankenship, Quinn
Bocotri, Nardino
Bolton, John W.
Bonfiglio, G.
Breen, John T.
Brody, William
Burns, John J.
Carlson, David
Carroll, Patrick F.
Crumes, Ed.
Curcio, Domanic
Czapran, Frank A.
De Nicholas, Frank
Donio, Guiseppe
Donowick, Walter J.
Enslin, Henry H.
Erickson, Ernest
Evans, William
Farlow, Julius L.
Fields, Ezra
Folds, John D.
Foreman, Clarence W.

Galuppo, Marian A.
Generoso, Nicola
Goldstein, Jacob
Gondolach, Louis D.
Griffith, Howard J.
Grosso, Anthony
Gilpatrick, Arthur C.
Hall, Robert C.
Hubbell, Ephraim M.
Hutton, Percy D.
John Frank
Johns, Melvin P.
Joneson, Jens M.
Josephowitz, Jacob
Kelly, John
Lance, Walter W.
Lapietra, Nicolas
Lassiter, Jefferson E.
Lennon, William J.
Lescarbeau, Henry J.
Littleton, Jasper J.
Lomagno, John
Mabley, Walter H.
Maher, Edward J.
Marrazza, Raffaele
Mendelowski, Steve

Miller, Ernest W.
Monaco, Sam D.
Norris, Elijah T.
Palmer, James R.
Paris, Walter R.
Patterson, Charlie
Quisenberry, Edgar M.
Perisco, Pasquil
Ring, Porter J.
Rosasco, John
Rossi, Anthony
Sackett, Eaarl
Schwartz, Mier
Sheret, Walter M.
Stanford, Lonnie L.
Stefani, Annibal
Themmen, Alfred T.
Thomas, Dallas
Tolish, Antonio J.
Vetere, Frank
Vroman, Raymond C.
Watts, Walter
Witzak, Steve
Zotadz, John

COMPANY "T," formerly known as the Third Depot Company, was organized about the 25th of August. Before the enlisted men arrived Lieutenant C. E. Wheeler was assigned to command the company. Sergeant Edward L. Sullivan, of Company "F," was transferred as First Sergeant of the company.

As the men were to be quartered in tents, and they were not pitched at that time, Lieutenant Wheeler and Sergeant Sullivan superintended the laying out of "Tent City."

On August 31st two hundred men arrived from the Raritan Arsenal and were assigned to this company. The company continued its usual duties and training, the outcome of which produced some of the best soldiers now on the Post.

About the middle of September, nearly the entire company was transferred to the several different organizations over the Post. Shortly after the Second Depot Company and Third Depot Company were consolidated and called Company "T," Lieutenant C. E. Wheeler was then relieved from command and succeeded Lieutenant R. C. Abbey, who was in command about one month. Lieutenant C. A. Webster then took command of Company "T" and is now the present commander.

Lieutenant C. A. Webster has seen active service on the Mexican Border with the First Rhode Island Field Artillery, Battery "A," which was attached to the Fifth United States Regular Field Artillery, El Paso, Texas.

First Sergeant Edward L. Sullivan has seen previous service in Company "E," Twenty-seventh Infantry (Fighting 27th), United States Regulars.

Company "T" has proven a very model company and the Company Commander and First Sergeant have been supported by a very able personnel, consisting of:

Sergeant James F. Tehan, Supply Sergeant, who has proven himself to be a very able man in that capacity.

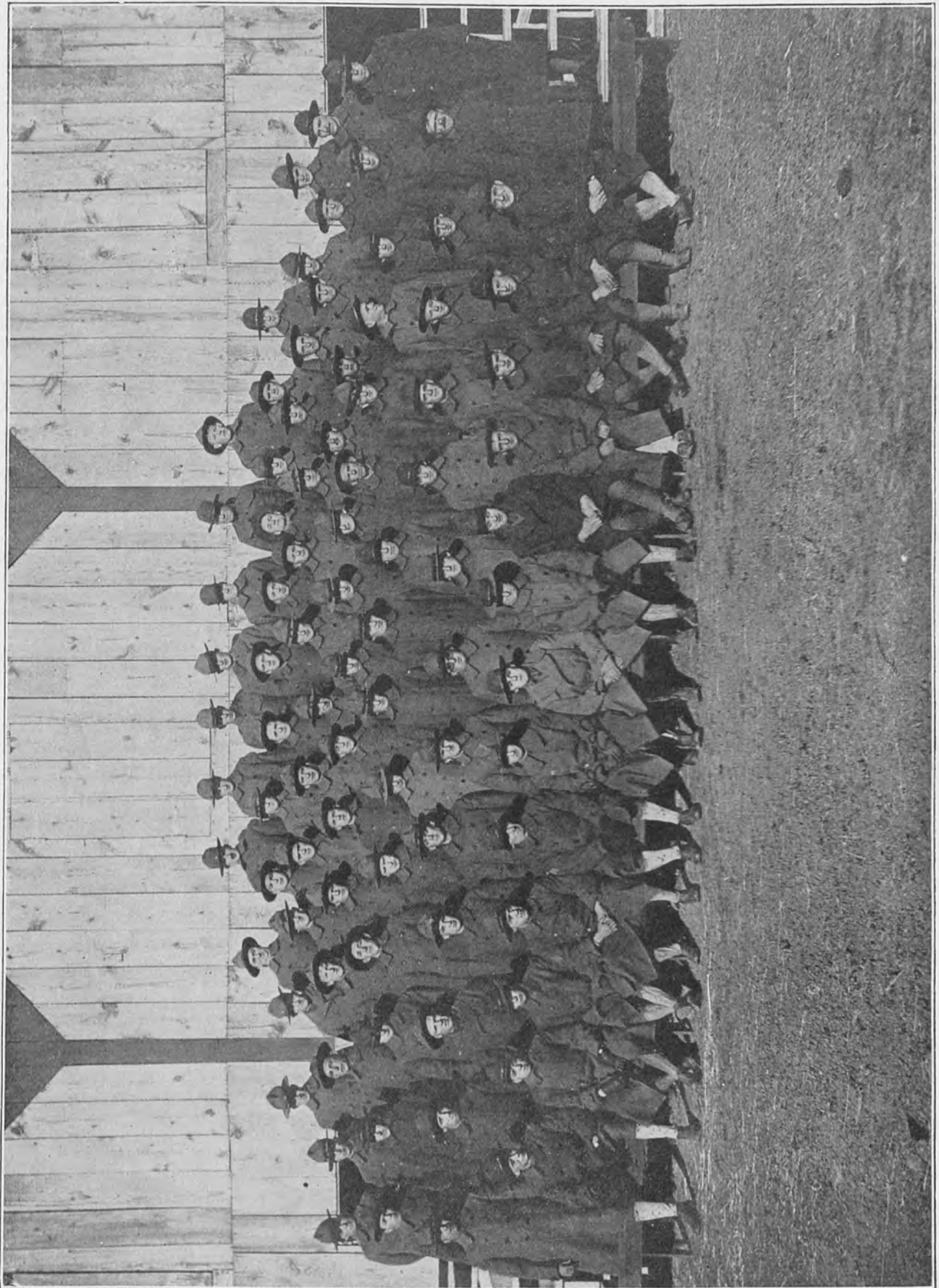
Corporal Robert McNees, former Company Clerk, and excellent clerk.

Corporal George M. Salthouse, Company Drill Master, who discharged his duties in a very able manner.

Our present Company Clerk, Corporal Charles L. Dufur, has assisted Lieutenant Webster, who is also Personnel Officer of the Fourth Battalion, in handling the paper work, and enough cannot be said of the efficient manner in which the Corporal discharged his duties.

The following Sergeants, Michael M. Cashion, Charles Yeanish and John F. Amell; Corporals George B. Eggert, Leroy Frye, George L. Johnson, Earl D. Ross and Earl R. Winings are highly commendable for their efficiency and satisfactory leadership in obtaining the very best of results from a fine co-operative enlisted personnel.

To Mess Sergeant Robert Soule, Cooks George E. Bobb and Charles Schubatis, Acting Cooks Louis C. Dickinson, Joseph H. Harmon, Roy S. Miller, John D. Folds, Clarence W. Foreman and Charlie Patterson, is due a great deal of credit for the remarkable work and accomplishment in feeding the men of this company. They are certainly a fine bunch of cooks. Napoleon said, "An army marches on its stomach," so Sergeant Soule and his crew came up to expectations.





First Company--Fifth Battalion

Company Commander:--SECOND LIEUT. WALTER P. RATHELL
First Sergeant:--SERGEANT EDGAR ROTH
Supply Sergeant:--CORPORAL ABE MASKIN
Company Clerk:--CORPORAL OSCAR ERSFELD

COMPANY ROSTER

Sergeants--

Smith, Harry Everett
Gegan, Thomas A.
Hornbostle, Charles

Corporals--

Greenwood, Thomas L.
Harty, John Francis
Littleton, Walter G.
Needham, Benjamin
Schwager, Charles
Stausbaugh, Herbert
Worsley, Joseph C.

Privates 1st Class

Albert, Elwood Frank
Benton, William E.
Beojekian, James
Carlton, Frank E.
Dawson, Eugene
Fink, Roy
Hoeck, James
Letman, Max
Meyers, Harold E.
Moon, John
Piviratto, Samuel Z.
Roseman, Louis
Santorelli, Victor
Smeryage, Russel E.
Waddell, George F.
Zimmering, Henry

Privates--

Abramchuk, Jacob
Ackenheil, John
Adams, Bernard J.
Angello, Joseph
Aho, Alexander
Albarelli, Carmine
Allen, James G.
Anderson, John
Andrews, John
Anzovino, Giuseppe
Apanowitz, John
Azzara, Joe
Baldwin, Isaac
Balis, Mike
Balliet, Louis
Banadta, Ralph
Bard, Oscar
Barossi, Frank
Bates, Fred
Batherman, Hyman
Battaglio, Giovanni
Becker, Chas. H.
Bedner, Chas.
Belinger, William F.
Berajogean, Mishok
Bernius, Jacob
Bitterman, Harry
Boboleck, Anton
Bonci, John R.
Boshko, Parfu
Branch, John D.
Brindle, Daniel J.
Brizzi, Leonelli

Buck, John
Buckley, Patrick J.
Burch, Cecil Albert
Burk, Albert C.
Buraffatto, Giuseppe
Camacho, Ygnasio
Campana, Anthony Patrick
Campagnolio, Giovanni
Carbone, Charles
Carbonaro, Michele
Carlino, Giuseppe
Carlson, Fritz W.
Caros, Theodore
Carr, Walter A.
Castagnetti, Tarquino
Castle, Leonard S.
Chachonitros, Elias
Chachowich, Chiolo
Chusniak, Joseph
Cihon, John
Cirone, Michele
Cohn, Samuel
Cohen, Sam
Colombrers, George
Colondra, Domineck
Colvin, John W.
Comstra, Jacob
Correia, Joseph
Corkum, Albert W.
Coscia, John
Cotsifas, Eraklis
Courtmanche, Noe, Jr.
Couture, Henry Gilbert
Crisifas, Harry
Criticcos, Harry
Danaman, Robert
Daumen, Andrew
Delifotis, Nick
De Maarsico, Joseph
Doherty, John
Dolce, Joseph
Dougherty, John Joseph
De Blassio, Sebastino
Drosnias, John
Ducas, Costos
Dumbruski, Clemens
Dunleavey, Daniel
Eckenrode, Charles
Eidlund, Ernest
Eisenberg, Rubie
Eleew, Morris
Enstrom, Peter
Eremew, Feodor
Escaloni, Leon
Estrella, Jesse
Feuer, Caral
Frankel, Meyer
Fowler, Frank J.
Fornabio, Joseph
Frey, George
Gebelein, Christian
Gerandoris, Christas
Gerttenschlager, Henry Wm.
Glaviano, Peter
Glisci, Rocco
Goldfarb, Abraham
Goldman, Samuel

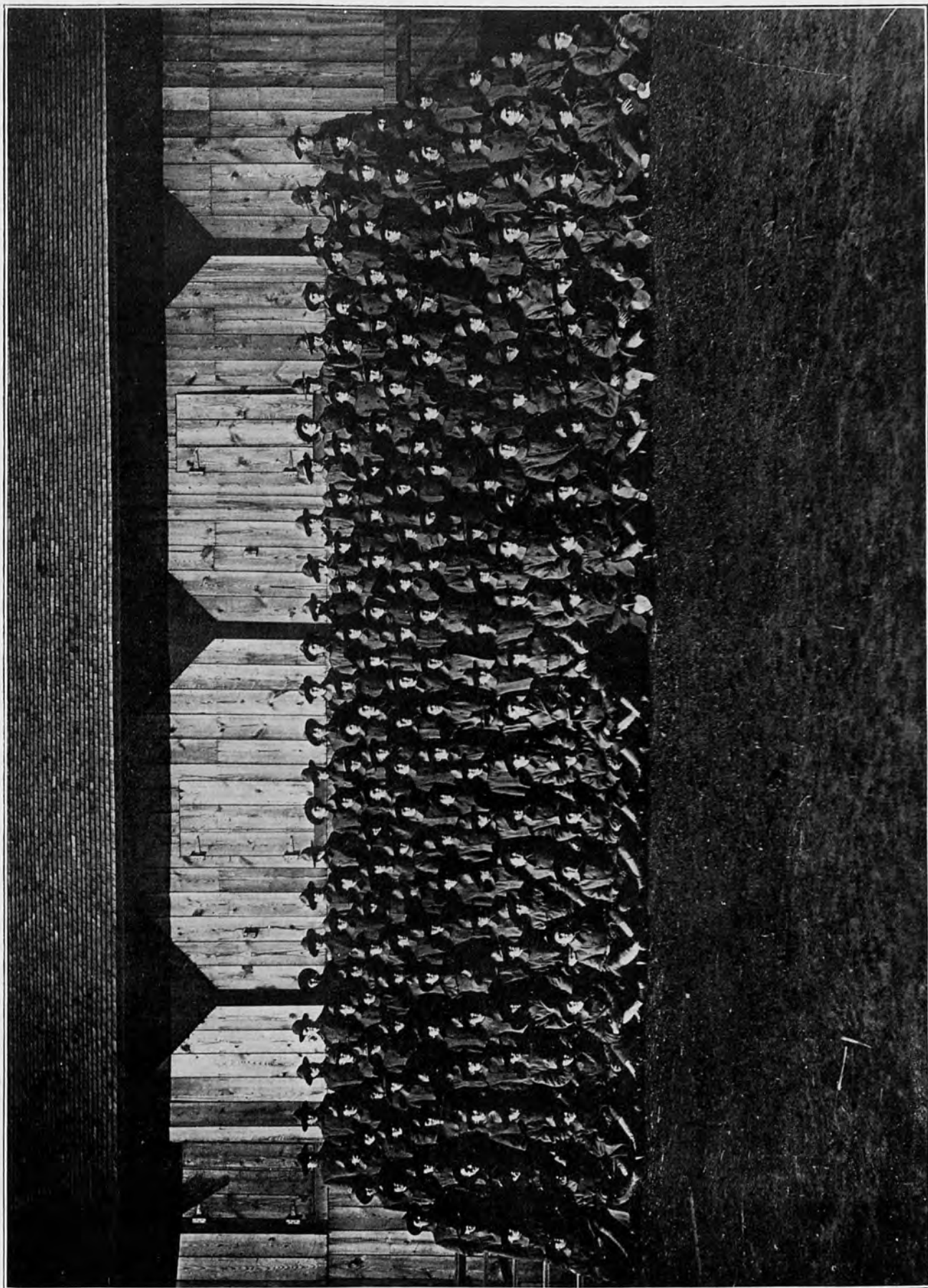
Borbatch, Constantine
Gosselin, John T.
Gouger, Clinton
Gowgill, Frank
Gravlin, Arthur C.
Gray, Malcolm
Greenwald, Max
Griffo, Carmine
Gurci, Giuseppe
Habberstad, Elme
Hainlin, Leo V.
Hanlon, James J.
Hartwig, Paul August
Head, Pinckney C.
Hobbs, James
Hood, Robie Thos.
Hughes, Edward
Hunter, J. F.
Hurst, Larkin
Hutchinson, Robert J.
Iannone, Gerard
Jameson, Charles
Jewel, Louis
Jones, Willie D.
Johnson, Carl
Joyce, Henry
Kalafatis, D.
Kaplan, Reuben
Kansler, Edgar
Katruk, Pantellimon
Kempa, Henry J.
Kenonian, Garabed
Kofsky, David
Kohler, James A.
Kopfman, August
Kozloff, William
Kroupa, Joseph
Kussman, Matzu
Kuszuchowski, Joe
Kutch, William
Lafame, Joseph
Lane, John Root
Lang, Richard
Lanza, Giuseppe
Larsen, Carl Ingwald
Leion, William
Levine, Julius
Levinson, Benjamin
Liefbroer, Peter
Lines, Albert Otis
London, P. W.
Loriaux, William
Lucisano, Domineco
Lucksinger, George Fred
Lube, Thos. J.
Lundy, Charles
Marler, Robert
Matera, Peter
Matson, William Eugene
McBride, Francis Robert
McCarthy, John Joseph
McGuire, Edward
Melice, Charles
Millner, Nathan
Netestky, George
Nadekow, Babil
Nagunst, Otto C. W.

Nepogoda, John
Nervinski, Peter
Norris, Roy Spencer
Norwatchuk, Michael
Oberheim, Joseph
Olsen, David
Orr Nelson
Peterson, Adrian
Petrik, Ndrek
Polowchina, Trifim
Paliz, Joseph
Pratt, Guy C.
Pukalo, Anton
Quiney, Frank A.
Redjou, John H.
Reeves, Edward Leo
Rhoades, Charles
Richter, Stanley A.
Rook, Charles
Rubin, Abraham
Ryels, Sam
Sacker, John
Schaefer, Louis S.
St. Pierre, Frank X.
Scherer, Andrew Simon
Schliffner, Arthur
Schmidt, Rudolph
Schneeberg, Jacob
Schwartzott, Simon
Seulene, Teddy
Seals, Willard
Seibel, Frank
Semenuk, Ivan
Shaffer, Paul N.
Shamroy, Savony
Siebert, Lee F.
Simpson, F. F.
Sielling, C. R.
Silberling, Simon E.
Smith, George
Smith, Hilton
Snak, Mike
Sollenberger, Earl
Stankewich, Joseph
Stepfanik, John
Stern, Walter
Stonkus, Ignatz
Sztratyak, Greger
Succa, John
Sullivan, Chas.
Sutera, Vincenzo
Swanson, John A.
Trainor, John
Vala, Louis
Wager, Corbett Jas.
Whalley, W. J.
Ward, Marshall Charles
Warren, William J.
Webster, Grover
Weiner, Joseph
Weingarten, Abraham
Wenck, Mathias
Whitt, Kimsey
Wilcox, Ralph W.
Wilson, Roy
Wood, John
Zablinsky, Joseph

THIS company was organized as part of the Fifth Battalion, on October 10th, 1918. The Fifth Battalion was organized from a detachment of 934 Infantry troops transferred to the Ordnance Department at Aberdeen Proving Ground from Camp Upton, N. Y.

Although primarily organized as a labor company this organization has furnished many specially trained men for service in the various departments, such as the Property Department and the Construction Garage. It has also furnished Special Duty men for such Departments as the Finance, the Postoffice, etc. One of the proudest records of this company is that it stood third in the local Liberty Loan campaign--although the company was then in its infancy. The only two companies that bested it in this campaign were the Headquarters Company and a company of Air Service men--both of whom had on their rolls more higher paid men, non-commissioned officers.

Though comparatively a new company it has speedily merged itself into the work and activities of the Post and is now a true member of the A. P. G.





Second Company--Fifth Battalion

Company Commander:--SECOND LIEUTENANT OLOF E. ANDREN

First Sergeant:--SERGEANT ALBERT RICKETTS

Supply Sergeant:--CORPORAL HARRY GREENBERG

Company Clerk:--SERGEANT MATHIAS SCHIEBELM

COMPANY ROSTER

Sergeants 1st Class--

Reindl, Hugo

Sergeants--

Mierke, Arthur
Slavin, James J., Jr.
Dougherty, C. W.

Corporals--

Arendt, Leon
Cady, Michael
Cooper, Joseph
Conklin, James
Dennin, Fred
German, Ralph
Keating, Daniel
Osmundsen, Elmer O.
Stoltz, Roland

Privates 1st Class--

Isope, Aurelio
Lucier, Frank X.
O'Brein, Warren
Reed, Floyd
Ross, George

Cooks--

Brown, Herbert
Durfee, Levi
Heckman, Fred.

Student Cooks--

Apostal, Zafhere
Spector, Philip
Wheeler, Roy
Yancey, William B.

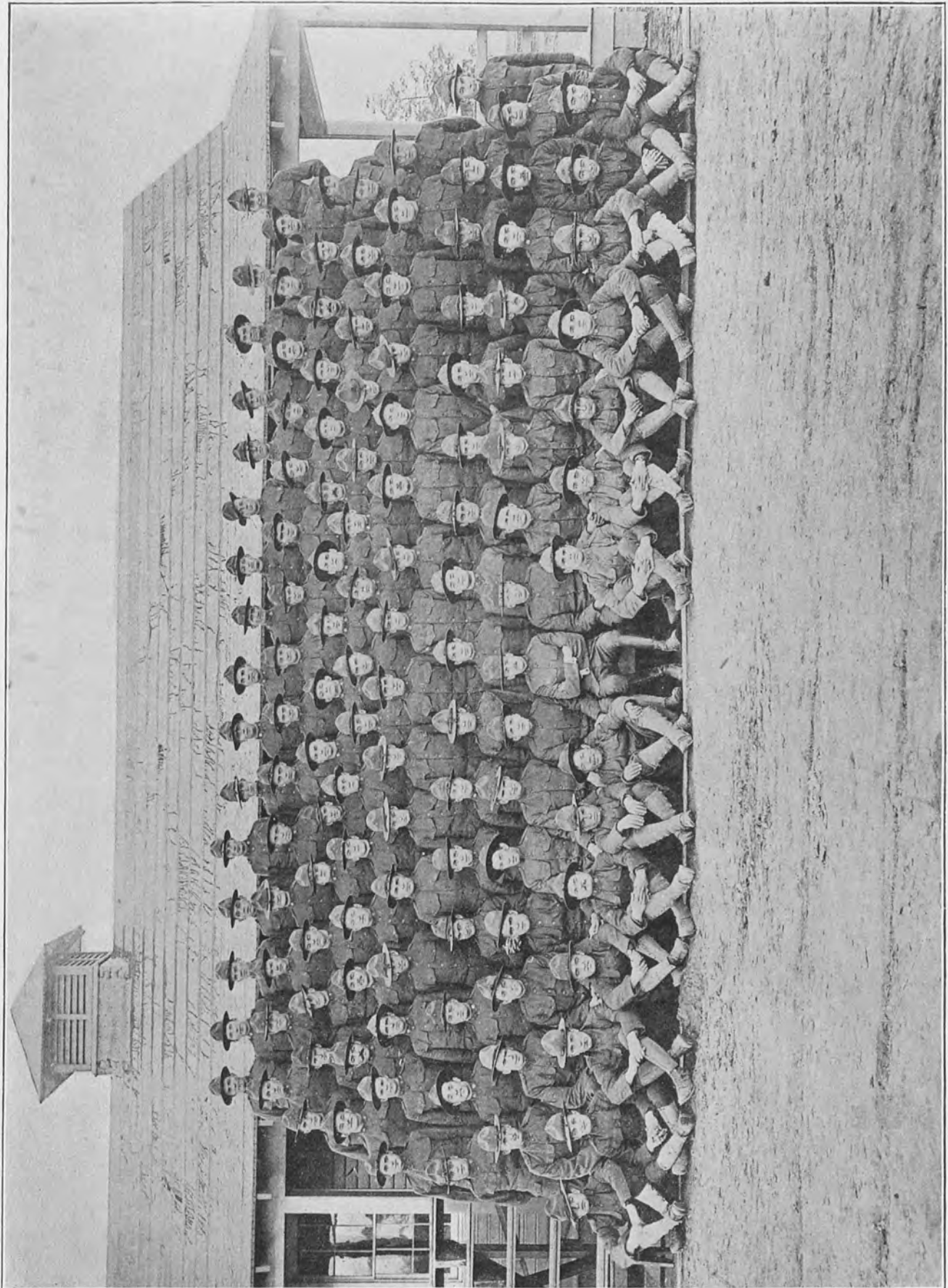
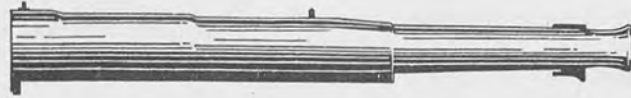
Privates--

Abraams, William S.
Anastacia, Louis
Arzonian, Krekor
Baker, Fred G.
Balchea, Charles
Barrassi, Paul
Becker, William
Bond, Donald
Botta, Antonio
Belkywiz, August
Brought, Leonard
Gruzza, John
Burgess, Frank J.
Butler, Arthur
Budd, John C.
Calabro, Frank
Carrigan, Edlaw
Cascio, Charles
Cassinelli, John
Cella, Samuel
Celso, Louis
Cessario, Frank
Christiana, Felix
Clement, Bailey
Colma, Alvin
Conroy, Marin
Crutcher, John A.
Cullin, Michael
Cupola, Peter M.
Cushing, John
Cysdorf, Frank
Cywinski, Frank

Carini, Francesco
Charalampos, John
Dakin, Andrew
Dean, Thomas
Dicarlo, Dominico
Derosiers, Elphege
DeSimone, Vinzenzo
Dilcadaro, Antonio
DeCicco, Joseph
Downey, William
DeCandia, Felix
Eberhardt, Ernest W.
Epstein, Nathan
Falla, John
Feruacha, Carnello
Field, Leren
Florentine, Henry V.
Fritz, Anthony
Garbarino, Guisepe
Gardner, William F.
Gendleman, Max
Gilmore, Frank M.
Gordivski, Vincent
Greeley, Dennis
Green, Edward
Green, Peter
Green, William
Groschiwiak, John J.
Groos, Charles
Gulimarian, Hovepp
Gunyo, Percy
Hansen, Harold
Hanseris, Thales
Harrell, Albert J.
Harris, Roy
Hazen, Morris
Herrod, William
Hey, Max
Hildebrandt, Anthony
Hines, William H.
Hoots, Alfred E.
Heard, William F.
Hopkins, Albert E.
Holstrunk, William
Huntley, Frank F.
Kaelin, William A.
Kaida, Stanislaw
Klinowski, Alexander
Kelly, Joseph
Kelmelis, Felix
Kirkwood, William C.
Knowles, John
Kochendorfer, August
Kochman, Haig
Kaufold, Harry
Kleinhenz, Edward G.
Krawczyk, Wawrzyniec
Kazacos, Vasilios
Kurpinsky, Julius
LaCroix, Leo
Lane, Thomas J.
Levitzske, John
Lokosowsky, Michael
Lombardi, John
Lewelling, William O.
Luchtenberg, Hugo
Lavaggi, William
Marks, Thomas F.
Martin, Sylvia S.

Mathews, Edward F.
Muratore, Orazio
McNamara, Raymond J.
Marker, John
McCarthy, Patrick
McDonald, Alexander W.
Mikitan, Paul
Miles, Walter
Mullin, James
Miller, Leo
Myers, Joseph A.
Moses, David
Markowitz, Louis
Murphy, John L.
Michalides, Alexander
Murry, Daniel
Monteforte, Dominico
Nastasi, Alberto
Niklason, Hjalamar
Nimmo, Farine
Niwczyk, Walter
Nowick, Billy
Nalbandian, Charles
Nasso, Gueatano
Natalizio, Vincenzo
Natucci, Nick
Nice, Frank H.
O'Brien, John
O'Connell, William
O'Donnell, Joseph
O'Donnell, Roger J.
O'Sullivan, Frank J.
Oucher, Philip
Obright, George
Orlousky, Frank
Orlynkovich, B.
Pacenkow, Arcenie
Pagliari, Tony
Palter, David
Palumbo, Peter
Pantellis, Cost
Panzica, Vincent
Parsons, Gideon
Pattow, Walter J.
Pelzman, Gildale
Perlick, Gustave
Peters, August
Petracaro, Luigi
Petrella, Thomas
Placello, Michele
Polymerides, Marrodis
Pottiger, Earl C.
Palidenn, Nicholas
Paliologen, John V.
Pappas, Costas J.
Parrish, Levi
Pattas, Thomas
Perlman, Charles
Petshak, John
Pfalzgraf, Carl P.
Picard, Alphonse W.
Piccione, Francesco
Polichuk, Stephen
Politsky, Peter
Papoutsos, Peter
Puzach, Ignatz
Picioli, Avelina
Pac, Michael
Redmond, William

Ricalo, Guisepe
Russo, Nicholas
Radosarvich, Proko
Rakowsky, Adam
Ricci, Giovanni
Romantesek, Jackin
Rooney, Martin
Schneider, Elmer
Schuellein, Frank
Sementilli, Guisepe
Zarate, Lorencos
Zaruba, John
Sensabough, Frank
Shumsky, William
Siavich, Peter
Skilda, Jackim
Smiegel, Gustave
Snoop, James
Sofranas, Christopolus
Sprague, George H.
Sperakis, George
St. Pierre, Joseph
Stolman, Nickolas
Sullivan, Joseph A.
Susma, Louis
Sutton, Grover C.
Szuba, Joseph
Samulik, Mitro
Sandrowitz, Louis
Sanfelliippo, Guisepe
Saurella, Joseph
Sarkasian, Hamayag
Scalia, Louis J.
Scaf, James
Schaffer, Morris
Schreiber, Morris
Sherry, Peter
Shkirick, Alex.
Sigenthaler, Jacob
Sierota, Maciej
Silver, Max
Smalitzer, Jacob
Socie, Alex.
Solovay, Nickolay
Sorbello, Mariano
Spezzamo, Tony
Spremo, Miro
Steslicki, Frank
Still, Alexander
Stansbury, John
Salata, Joseph
Somtag, George
Thurston, Louis D.
Tarczy, Abey
Underwood, Luther
Valentini, Gugliamo
VanGilder, Samuel
Viechilla, Antonio
Vandervlies, Cornelius
Wentzel, Fred
West, Bert
Whitmore, Wm. A.
Wasilius, Joseph
Widra, Adolf
Willing, Herbert J.
Wilson, Bert
Wheaton, Roy W.
Yetmanchuk, Euphame
Zabghi, Philippo





Fourth Company--Fifth Battalion

Company Commander:--SECOND LIEUTENANT PAUL H. HUMMER

First Sergeant:--ORDNANCE SERGEANT GEORGE HOLLAND

Supply Sergeant:--CORPORAL JOHN DOOLITTLE

Company Clerk:--SERGEANT FREDERICK L. SHANKLAND

COMPANY ROSTER

Sergeant--

James, Albert

Corporals--

Coniglio, J. J.
Doscher, Frederick J.
Ferguson, Chas.
Grabill, Walter
Khauli, Philip
Muchow, Alvin A.
Oroschin, Robert

Cook--

Cushing, George

Privates 1st Class--

Bosco, Anthony
Kidder, Omar
Pierce, Roger
Preston, Anthony
Sparbeck, Walter W.

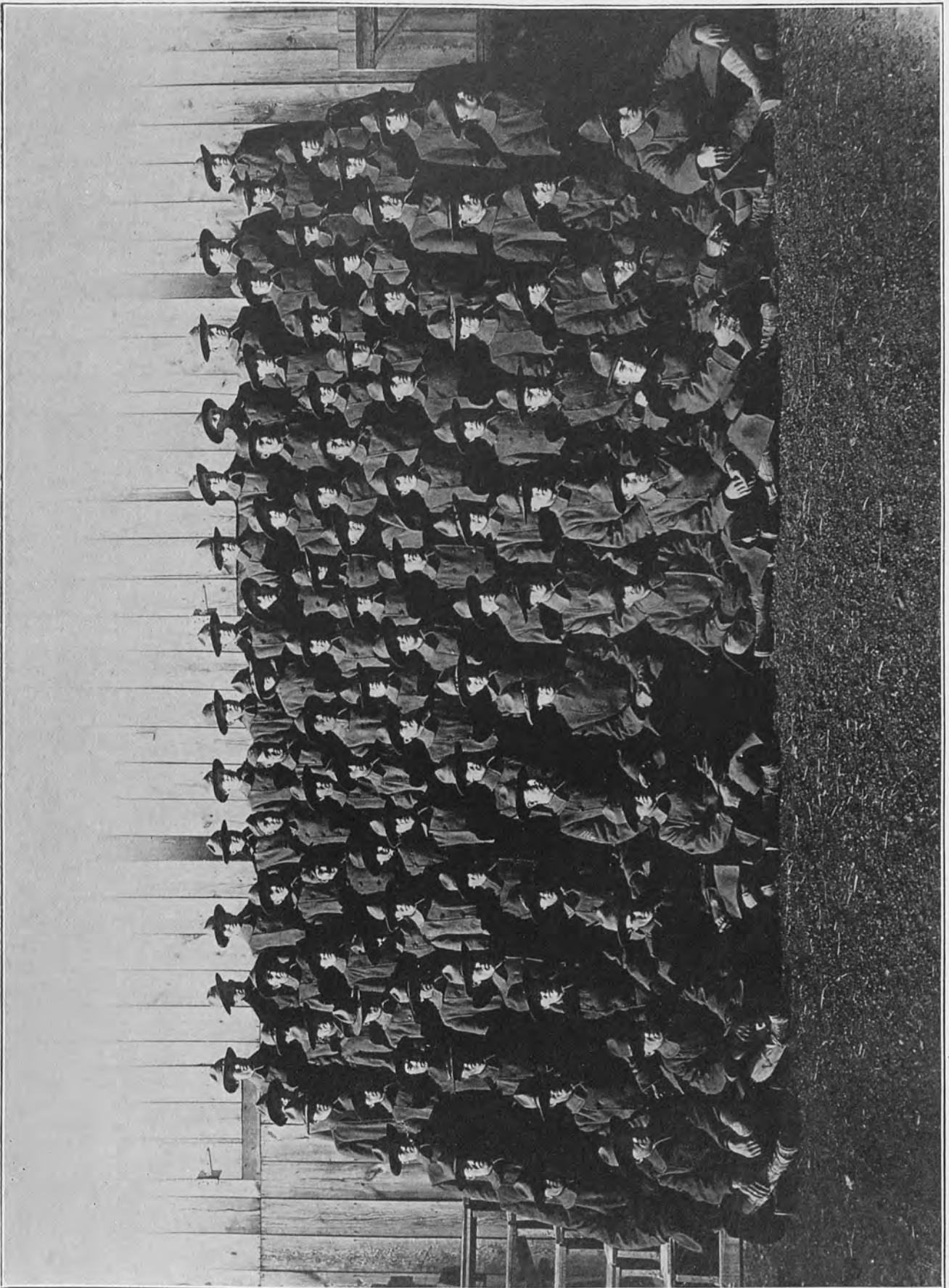
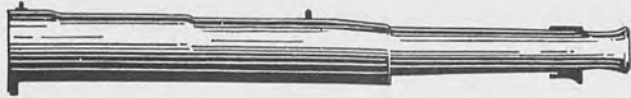
Privates--

Ahmet, Gani
Babeck, Ernest
Bambina, B.
Baron, James
Blair, V.
Bonico, G.
Cahog, Mike
Cannella, Pasquale
Capezio, Michael
Carbone, Joseph
Cardo, Anthony
Carroll, James
Casagrande, Chas.
Crane, M. G.
Competello, William
Curtin, John
Cushing, Chas.
D'Agostino, Antonio
Deahna, Chester
Denezio, Antonio
Dennis, William
Dolce, Rodolfo
Diminiski, Stanislaus

Dupuis, Joseph
Engelhaupt, Chas.
Estrume, Joseph
Farrell, James
Farrisi, Pasquale
Filangeri, John
Fornari, Alfredo
Fulgano, Marco
Gallano, Vincenzo
Garlick, George
Gewanter, David
Giglio, Salvatore
Gimbroni, George
Gioio, Carlo
Gionata, Joseph
Girsch, Abraham
Goos, Chas.
Goff, George
Goldman, Abe
Gonchar, Theodore
Gorafsky, Stephen
Grdo, Dan
Gromatka, W.
Gritz, John
Grogan, Michael
Gualtiere, Gabriel
Guerra, Carlos
Guniniak, Ludwick
Gura, Joseph
Guttas, Joseph
Gutierrez, Anastacio
Hadlock, Norman
Hansi, Tony
Harter, Cecila
Hassan, Mohammed
Haverin, Haki
Henry, Chas.
Hall, V. E.
Hofer, John
Hoffman, Morris
Holopigian, Chawott
Holotko, Ignatz
Iannuzzo, Francesco
Itson, Hubard J.
James, Frank
Jennings, Edward
Johnson, Rhodell

Johs, Fred. G.
Karabaan, Joseph
Karakastas, John
Karoppka, Foma
Kazlas, Peter
Keefe, Chas. V.
Kilbourn, Raymond M.
Kirk, Nils Oscar
Kookowich, Frank
Kopceksky, Roman
Kopsky, Sam
Kozakowich, Mike
Kozlowski, Kozimier
Kraft, Christ
Krunas, Michael
Kwiatkowski, John J.
Kremodas, George
Kureva, Constantine
Kusacki, Stanislaw
Laborgo, Gaetano
Lanagan, Philip
Lampe, Errich
Lasher, Chas.
Lewis, Max
Lettiere, Frank
Leibovitz, David
Leone, John
Lichter, Jack
Losi, Ettore
Lossius, Egil
Lumersky, Wladislaw
McLaughlin, James
McWilliams, Robert
Madrerahan, Cossacks
Mahon, David
Malescuk, Alexander
Marotznik, Isadore
Mastragiavanni, Michael
Matthews, George
Matosian, Paul
Maymi, William
Melano, Salvatore
Mellinger, Clarence
Meredakis, John
Mezzapelli, Sam
Miller, Chas.

Myers, Ray
Nelson, Nels C.
Novello, Dominick
Owens, O. J.
Panagiotou, Christ
Paolucci, Raolo
Pappas, Stratos
Pape, Henry
Paynton, Robert
Perallo, Antonio
Piccoli, Nicola
Pistock, Joseph
Procepio, William
Psaris, George
Ray, Arthur
Reeder, William
Rhodes, George
Reilly, Thomas
Rose, Morris
Rosensteel, Floyd
Ruiz, Anselno
Ryan, Joseph
Saladin, Fred.
Sak, Stephen
Schmelter, John W.
Sapea, D.
Schulz, William
Seislove, John M.
Sherman, J.
Silvestri, Pietri
Skoutelas, Theodore
Sodowski, Tonie
Sullivan, Walter A.
Sutkowski, Wladyslaw
Toarmina, Joseph
Taricer, Saviour
Testa, Pasquale
Tierinni, Giuseppe
Tyrell, S.
Valenzisi, Michael
Verde, G.
Vetucci, Joseph
Weidman, Fred
Weindorf, Leonard
Wolk, John
Yalamos, Straties
Zakowski, Frank





Third Company, Coast Artillery Corps

Company Commander—SECOND LIEUTENANT EDWIN J. LINTNER
 First Sergeant—SERGEANT STEVE M. JESSUP
 Supply Sergeant—SERGEANT JOSEPH SHENAULT
 Company Clerk—SERGEANT TILLMON H. GEHRIG

COMPANY ROSTER

Sergeants—

Brandes, Alston
 Drill, Benjamin
 Davis, Carvey G.
 Gray, Chas. A.
 MacInnis, Justin P.
 Ralston, Weston D.

Corporals—

Ritscher, Robert C.
 Lucas, Robert L.
 Comford, John J.
 Grimsley, Garrett H.
 Radford, McKinley H.
 Fields, John O.
 VanDyke, Harry E.

Levesque, Joseph E.
 McLaughlin, Geo. V.
 Pease, Wilbur L.
 Pasquantonio, Angelo

Cooks—

Martines, Eustathies
 Kalafat, Louis

Bugler—

Milligan, Albert J.

Privates—

McLaughlin, Frederick L.
 Porter, Israel
 George, Louis
 McGuire, Neol W.

Attached

Sergeants—

Kittl, Joseph
 Meitzler, Jacob

Mechanic—

Dickerson, Geo.

Privates—

Beiggs, Chester A.
 Brennan, Wm. J.
 Burke, James F.

THE Third Company, C. A. C., Baltimore, was organized as a company in the Coast Defense of Baltimore, July, 1915. The foundation of this organization was the old Fortieth Company, C. A. C., formerly of Ft. Hancock. Most of the regular army men have long since been transferred to other outfits that were due for oversea service.

In respect to the oversea service the Third Company has without a doubt furnished as many if not more men than any other company in the C. D. of B. The first detachments left in June, 1917, as a R. R. Battery. Many who went in that first few months of our participation of the war have made that supreme sacrifice, and to them we accord the honor and glory of those who had the rare privilege of dying for the cause.

The portion of the company that remains, came to this Post September 24, 1918, from Ft. Smallwood, Md. The work assigned has been largely at the Water Range, firing the R. R. mounts and other heavies.

Lieutenant Lintner, the present Company Commander is a graduate of the C. A. C. School of Fortress Monroe, Va.

Sergeant Steve M. Jessup



Signal Corps Detachment

Commanding Officer:—SECOND LIEUTENANT JOHN W. HOWARD
 First Sergeant:—SERGEANT H. E. KANTER
 Supply Sergeant:—SERGEANT RANDOLPH HARLAN

DETACHMENT ROSTER

Sergeants—

Conley, Harry J.
 Camp, Orton
 Carvin, Frank D.
 Harris, Leroy J.

Hartenstine, Charles J.
 Ide, Charles E.
 Lane, Russell C.
 Machin, Ellsworth C.
 Matthew, G. E.
 Neumer, Otto

Noll, Waldemar
 Richards, Matthias H.
 Wickersham, Leroy W.
 Wasco, Casimer A.
 Wood, Frank E.

Privates—

Gelb, Isidor
 Haughey, James P.
 Meckley, Earle W.
 Morici, Theodore
 Twinem, Paul D.

THE GODS OF ABERDEEN

One day the mighty Jove came down to earth
 And wandered far in search of twenty men
 Quite wise enough to reign with him on high.
 He sped from place to place, from school to
 school

And having found some engineers,—
 Both civil and mechanical,
 Construction and electrical;
 And wizards of the sciences,—
 Of mathematics, chemistry,
 Of physics, meteorology;
 And e'en a Prof. of history
 And student of theology,—

He brought them all to Aberdeen
 And told them there to reign
 As gods on Mt. Olympus:—

To rule the spirits of the air,
 To prophesy the coming storms,
 To ride upon the winds and clouds,
 To fly along with lightning shells
 And guide them in appointed paths.
 And so they reign at Aberdeen,
 Immortal gods of worlds unseen;
 They rule with wondrous power on high
 The splendid kingdom of the sky.

Aberdeen Proving Ground,
 December, 1918.

Private Paul Twinem



METEOROLOGICAL SECTION

IN order to make accurate tests of various kinds of firing, specially range firing, it is necessary to have at hand knowledge of meteorological conditions from the surface of the earth to the height that the projectile rises. Therefore as soon as the Proving Ground was sufficiently organized to begin extensive firing a meteorological station was established to obtain this data.

The station was organized early in February by Lieutenant Warren K. Green from the Sandy Hook Proving Ground. Late in February Sergeant Howard E. Kantner and Ellsworth Machin from the U. S. Weather Bureau, Baltimore, Md., were ordered here to assist Lieutenant Green. The first thing done was to establish an aerological station to make pilot balloon flights. This was set up on the old Hopkins Place with the office in the Hopkin's House. The first flight was made on March 4, 1918. On April 1, Sergeants John J. Sinclair and Adin Grubb, also from the Weather Bureau at Baltimore, were sent here. On April 10, Lieutenant Green left for overseas leaving Sergeant Grubb in charge. In June Sergeant George E. Matthew of the Division of Meteorology of the Panama Canal, arrived and later took charge of the department supplying surface conditions. In July Sergeant Frank D. Carvin, from Ft. Wood, began kite flying to obtain upper air conditions. Early in September the force was further increased by the arrival of five men from the U. S. School of Meteorology at College Station, Texas. Late in September, Sergeants Sinclair and Grubb were commissioned and in October the former was sent over seas and the latter to Ft. Omaha, Nebraska. Lieutenant John W. Howard from Sandy Hook Proving Ground, was then put in charge of the station. At this time the station was further enlarged by the arrival of five men from the headquarters office at Washington and six men from the Meteorological School at College Station.

As mentioned above, the meteorological unit was organized to supply meteorological data for firing, especially range firing. This information is supplied on wind aloft, density aloft, surface weather conditions, and the effect of wind upon the range of projectiles.

The aerological section supplies information on the direction and velocity of the wind aloft to an average of fifteen thousand feet, with a maximum height of fifty-two thousand feet or about ten miles. A rubber pilot balloon is released and as it drifts aloft it is followed with specially adapted transit instruments, known as theodolites. At intervals of one minute the vertical and horizontal angles are read and the readings telephoned to the office. Here they are

plotted and the direction and velocity of the wind for various elevations are calculated.

A department, similar to a Weather Bureau Station, supplies surface data, such as temperature, barometric pressure, relative humidity and precipitation. It receives weather forecasts from Washington which are posted in conspicuous places.

The density of the upper air is computed from the pressure, humidity and temperature aloft. These upper air conditions are usually obtained from recording instruments sent up in large kites. But due to a poor starting field, and regions of calm upper air in this vicinity, kite flying was difficult. It also was dangerous because aeroplanes might fly into the kite wire. Finally when one of the kites took a notion to go swimming in the bay, leaving the wire hanging over a high power transmission line and burning things, kite flying was abandoned. Meteorological observers were then sent up in aeroplanes three times daily to take the readings.

The computing department worked on a range finding problem in connection with the Range Firing Section. The normal range for a gun is taken as the distance the shell travels, fired when there is no wind and the air is of normal density. As these standard conditions do not exist corrections for wind and density have to be made for finding the normal range. The density and wind aloft for the corrections are supplied by the departments already named. From the study of wind and density charts of the upper air, it is seen that winds and density at different levels are very irregular. Since it is very inconvenient to make corrections for various levels, the meteorological department computes a ballistic wind and a density curve. The former is a resultant wind of all the winds up to the height the shell rises and the density curve is a curve that combines all the corrections for the various levels. Therefore only one wind and density correction has to be made for range firing. But the methods for working out these resultants have been unsatisfactory. In February, 1918, the surface wind alone was used for the correction. As soon as the wind aloft was obtained by the Meteorological Section, it was used, but a good method of obtaining an accurate ballistic wind and density curve was not known. Since then a satisfactory method has been developed. By the use of an application of integral calculus, a series of curves were worked out known as "Wind Weighting Factor" curves and "Density Weighting Factor" curves. From these curves exact values can be read off that should be given to the wind and density at various levels for

(Continued on Page 190)



HOME
of
COMMANDING
OFFICER

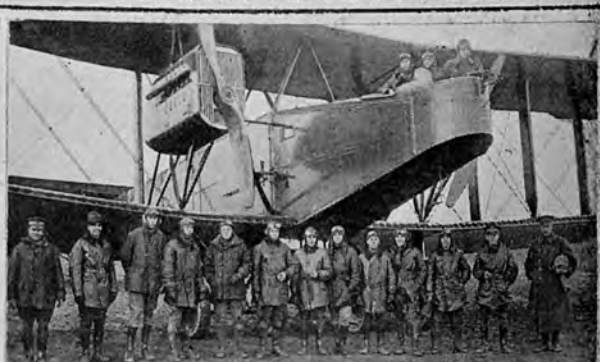


BOMBING PLANE AT A.P.G.



AN ABERDEEN MUD TURTLE

ONE
OF THE
TWO
HANDLEY
PAGE
MACHINES
IN
U.S.A.



WEIGHING SHELLS
IN ASSEMBLY SHED



ONE MAN TANK



FOUR WHEEL DRIVE TRUCK
DRIVEN BY
PVT. AMOS TAYLOR



PERSONNEL of INSTRUMENT DIVISION



INSTRUMENT BUILDING WHERE NEW IDEAS TAKE CONCRETE FORM



GROUP OF AVIATORS AND
THE BOMBS THEY USE.



Quartermaster Corps

Acting Quartermaster:—CAPTAIN P. M. WEIDMANN

Assistants:—CAPTAIN B. S. LAWYER

LIEUTENANT F. T. SCULTZ

LIEUTENANT G. R. BLISS

LIEUTENANT J. E. McCANN

DETACHMENT ROSTER

Quartermaster Sergeant—

L. C. Parker

Sergeants 1st Class—

H. H. Gordon

G. N. Hazard

Sergeants—

Sarasohn, J. S.

Moore, R. B.

Cohen, Benjamin

Bell, L. M.

DeVere, G. A.

Plumm, L. E.

Reiter, George

Wilson, J. A.

Corporals—

Thayer, J. A.

Kampmann, R. B.

Lynch, R. H.

Kaltenbach, J. I.

Richardson, S. N.

Cooks—

Barrington, Jack

Roecca, John

Privates 1st Class—

Bierman, F. E.

Buchter, C. C.

Decker, J. F.

Grala, L. S.

Knight, R. L.

Rodieck, H. L.

Thomas, E. C.

Wilson, E. W.

Privates—

Aitken, David

Almato, Paul

Anderson, Elmer

Armstrong, P. L.

August, Samuel

Beekman, Elbert

Blankenship, W. G.

Brand, John

Brooks, John

Castle, John

Cooper, W. J.

Costanzo, Charles

Coyne, J. J.

Dubner, Morris

Enright, J. J.

Fennell, E. A.

Goodridge, S. A.

Goroehenia, Peter

Gubsch, Charles

Hall, W. J.

Hamecke, G. H.

Kashuk, Morris

Kofahl, E. J.

Kosloski, Valentine

Kuhn, L. J.

Liebowitz, Sidney

Lighthall, Wilfred

Mallon, John

McElroy, H. J.

Mealy, Paul

Meyer, W. P.

Molfetto, Guiseppe

Moore, F. W.

Morley, William

Newton, T. L.

Peckholdt, Albert

Pellegran, J. V.

Perry, G. F.

Polise, Falice

Rickert, R. S.

Rider, L. B.

Romondino, Frank

Salter, W. B.

Scorza, Eugenio

Shepherd, V. I.

Thornton, C. F.

Tremonte, Joe

Vichiconti, Dominick

St. Lawrent, Henry

Victor, I. J.

Warren, C. B.

THESE lines on the company treat of it as a group of men whose enlistment under the buff hat-cord and assignment to A. P. G. constitute the best lil' ol' bunch of fellows ever herded under a single roof since Time was a lance-jack. The record of the achievement of the Corps as a part of the machinery of the Post, a more dignified treatise, appears in its proper place, elsewhere.

* * * * *

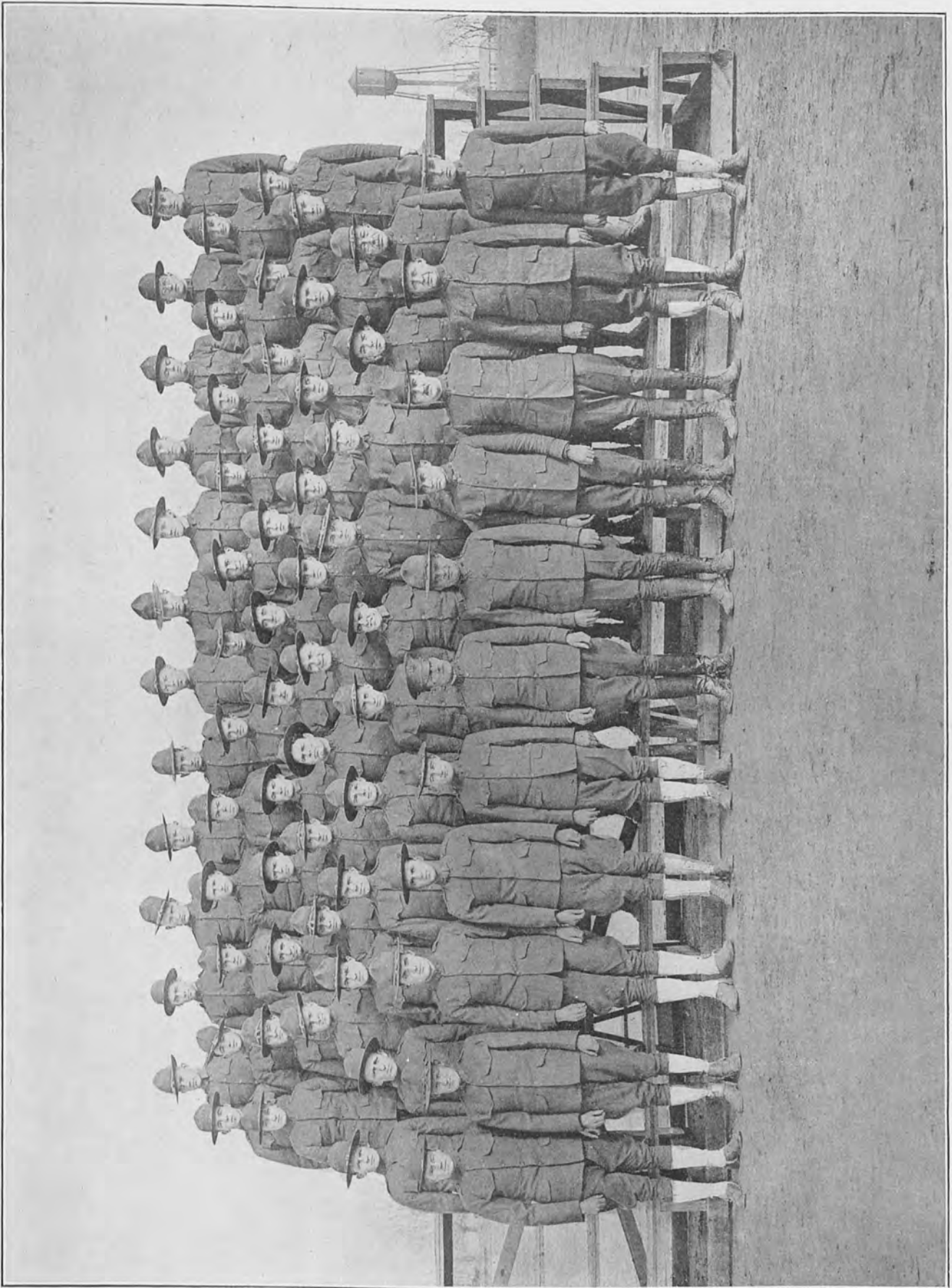
On the 22nd day of October, anno domini 1917, Captain (then Lieutenant) Lawyer arrived at Aberdeen Proving Ground, in command of a red headed detachment by the name of Corporal Charles Gubsch. Over the cornfields which today are part of the finest proving ground in the country the twain gazed sadly, heaved, respectively, sighs of reminiscence for the departed days of S. H. P. G., then rolled up their sleeves and pitched in. The back of barrack 10 was the original Q. M. Warehouse, separated by a partition from the front half of the building where the P. X. held forth. Here, amidst cases of canned tomato and breeches, woolen, O. D., stoveparts and stationery, spuds in sacks and shoes in cartons, the detachment of One, joined shortly thereafter by Q. M. Sergeant, L. C. Parker, Sergeant H. H. Gordon and Private Lynn W. Howard hung their hats. In January of this year the establishment was removed to what is today the P. X. Building. In June the new Q. M. Warehouse, twin structure to the Ordnance Storehouse, was invaded, seized and occupied by the doughty Q. M.'s.

In December Lieutenant Lawyer was succeeded by Captain Weidmann, the present Quartermaster. Under the latter the detachment has grown until the personnel numbers 5 officers and 77 men on duty: Office, Store-rooms, Reclamation, Garage and Farm.

From the de-luxe and deckel-edged Back Bay of Boston to the wilds of Wyoming, the marble-vestibuled apartment house of sophisticated Gotham Town to the fruitful farm of arcadian Kansas, Michigan to Mississippi, Connecticut to Colorado: 77 men represent 38 states. Bankers, lawyers, cattlemen; M. A.'s from Harvard and Ph. D.'s from the University of Hard Knocks, runs the roster of the Q. M. C.'s. We boast traffic experts and machinists, C. P. A.'s and carpenters, lounge lizards and politicians—a democratic coterie welded into one homogeneous whole. We scrap like the devil amongst ourselves, in jest (though never a blow in anger or a word calculated to stir choler, in all our history), but woe betide the outsider who would raise his voice against any of us to another of us. His name would be Dennis and he would be completely out of luck. When there is work to be done, we do it, the clock on the office wall notwithstanding. Shoulder to shoulder with the Bull Gang, the clerk, with his typewriter abandoned for the time, digs in to help unload a carload of sorely needed stoves; and often, with the first of the month looming in sight with its grist of reports and inventories, the truck driver climbs down from his perch back of the Selden motor to grasp a pencil in his horny fin. That's the kind of a lot we are!

Captain P. M. Weidmann is C. O. of the Q. M.'s today, assisted by Captain Lawyer, Lieutenants Schultz, McCann and Bliss. And the organization, endorsing the assertion by their names in full, herewith, go on record with the statement that all which has been said of the *Men* goes double—for the *Officers* too!

J. S. S.





271st Aero Bombing Squadron

Squadron Commander:—CAPTAIN GEO. C. FURROW, J. M. A., S. C.
Squadron Adjutant:—SECOND LIEUTENANT FREDERICK J. LONGLEY, A. S. M. A.
Sergeant-Major:—LAWRENCE F. SANDERSON
First Sergeant:—GLENN M. KELLAR
Supply Sergeant:—ALBERT F. WRATE
Squadron Clerk:—RICHARD J. McCARTHY

COMMISSIONED PERSONNEL

Commanding Officer:—CAPTAIN GEO. C. FURROW	Pilot:—SECOND LIEUTENANT PAUL K. MELICK
Medical Officer:—FIRST LIEUTENANT FRANK J. ERDLITZ	Pilot:—SECOND LIEUTENANT WILLIAM M. ROBERTSON
Pilot:—FIRST LIEUTENANT EDWIN M. RONNE	Pilot:—SECOND LIEUTENANT AUBREY W. SCHOFIELD
Adjutant:—SECOND LIEUTENANT FREDERICK J. LONGLEY	Pilot:—SECOND LIEUTENANT DOLPHIN A. DAVIS
Engineer Officer:—SECOND LIEUTENANT HENNING J. BERG	Bomber:—SECOND LIEUTENANT DEAN B. BELT
Supply Officer:—SECOND LIEUTENANT RAYMOND P. LUCE	Bomber:—SECOND LIEUTENANT JOHN C. BENNETT
Bomber:—SECOND LIEUTENANT LYMAN I. COLLINS	Pilot:—SECOND LIEUTENANT ALBERT J. DANIELS
Pilot:—SECOND LIEUTENANT CHARLES E. BRADLEY	Radio Officer:—SECOND LIEUTENANT ROBERT B. HOWARD

COMPANY ROSTER

Sergeants 1st Class—
McNeill, Charles V.
Thomas, Ozro D.
Sanderson, Lawrence F.

Sergeants—
Burkhard, Frank
Richards, Thomas E.
Kellar, Glenn M.
Eisenlohr, Paul L.
Wrate, Albert F.
McKinzie, James L.
Rhubottom, William H.
Addington, Raymond E.
Bidwell, Arthur A.
Robertson, Francis M.
McIntyre, James A., Jr.
Miller, Claud D.
Phillips, William E.
Gardner, Glenn B.
Davis, Louis L.
Carroll, Ray B.

Corporals—
McCarthy, Richard J.
Myklebust, Perry
Burnette, Allan J.
Dahl, Walter T.
Dutrieux, Marion J.
Hayes, Joseph E.
Glenn, William B.

Chauffeurs—
Burbank, Jesse R.
Birchall, John J.
Vance, Albert L.
Ford, Harry J.
Gianni, Nicola
Gorsky, Walter S.
Martino, Ralph

McMann, Donald L.
Menzel, William B.
Mickey, Everett
Minear, Carl J.
DuPont, Elmer F.
Little, Joseph A.
Scholberg, Harold W.

Cooks—
Bussell, Vern E.
Davison, Roma
Keller, Arthur
Downing, Earl O.
Page, Eugene F.
Snyder, Frank E.

Privates 1st Class—
Anderson, Elmer F.
Bagley, Alfred C.
Berg, Henry M.
Boyd, Robert S.
Burns, Albert
Campbell, Thomas
Cassidy, Michael F.
Castle, Hans
Clark, Otto E.
Cole, Orville M.
Cronin, Leo J.
Dunphy, Edward
Edwards, Harold M.
Evans, Arthur P.
Farrell, Edward J.
Grehl, Frank J.
Gorham, Joseph F.
Hermann, John E.
Houghton, Ralph J.
Hubert, Emil J.
Hughes, Ralph C.
Mahony, James J.
Merrick, Robert G.
Morlan, Arthur G.

Morrison, Quinn L.
Mullen, Charles G.
Nolan, John E.
Norberg, Arthur J.
Olsen, Louis R.
Overbeck, Charles R.
Petty, Louis E.
Renneman, George W.
Ross, John B.
Slagter, Joseph
Tell, Reuben C.
Thomas, Tudor L.
Vaughan, Harold W.
Warner, Albert E.
Newman, George H.

Privates—
Aubrey, Noble
Bassill, Michael
Beach, James O.
Botsford, Hollis L.
Brother, W. L.
Byrd, Phill G.
Byrne, John
Calcote, Charles
Clark, Paul O.
Cohen, Charles
Cohen, William
Cone, Frank A.
Crist, William A.
Crockett, James C.
Cummero, James
Danese, Joseph
Delisky, Tony
Dilts, Paul A.
Dunn, Walter J.
Fantaski, Stephen P.
Freeman, Alexander
Gilbert, William C.
Gray, Jerome B.
Hallett, George H.

Harrop, William M.
Holloway, Charles R.
Holmes, Albert V.
Januzzi, Raphael E.
Kennedy, Oliver C.
Lamplough, Franklin J.
Lange, Elmer
Leavy, Leo M.
Marshall, William T.
Mezzanotti, Rudolph
Miele, John
Meade, George M.
Morris, Glenn G.
Mowry, Arthur F.
Muller, Henry R.
McClinton, William F.
Patnaude, Wilfred J.
Phoenix, Arthur C.
Putnam, Robert C.
Rossky, Stanley
Rheaume, Joseph E.
Saelens, Oscar
Shinebarger, Stanley W.
Shurgan, Herman J.
Singer, Harold E.
Skelly, James F.
Sloane, Edward N.
Stewart, Fred J.
Telansky, Joseph
Tickle, Robert H.
Wagner, Louis A.
Whelan, Leo M.
Wilcox, Howard C.
Watson, Walter B.

Medical Enlisted Men Attached for Duty—
Bailey, George P., Sergeant
Blumenberg, Daniel M., Private
1st Class
Effenberger, Augustus C., Private
Stahlin, Howard, Private

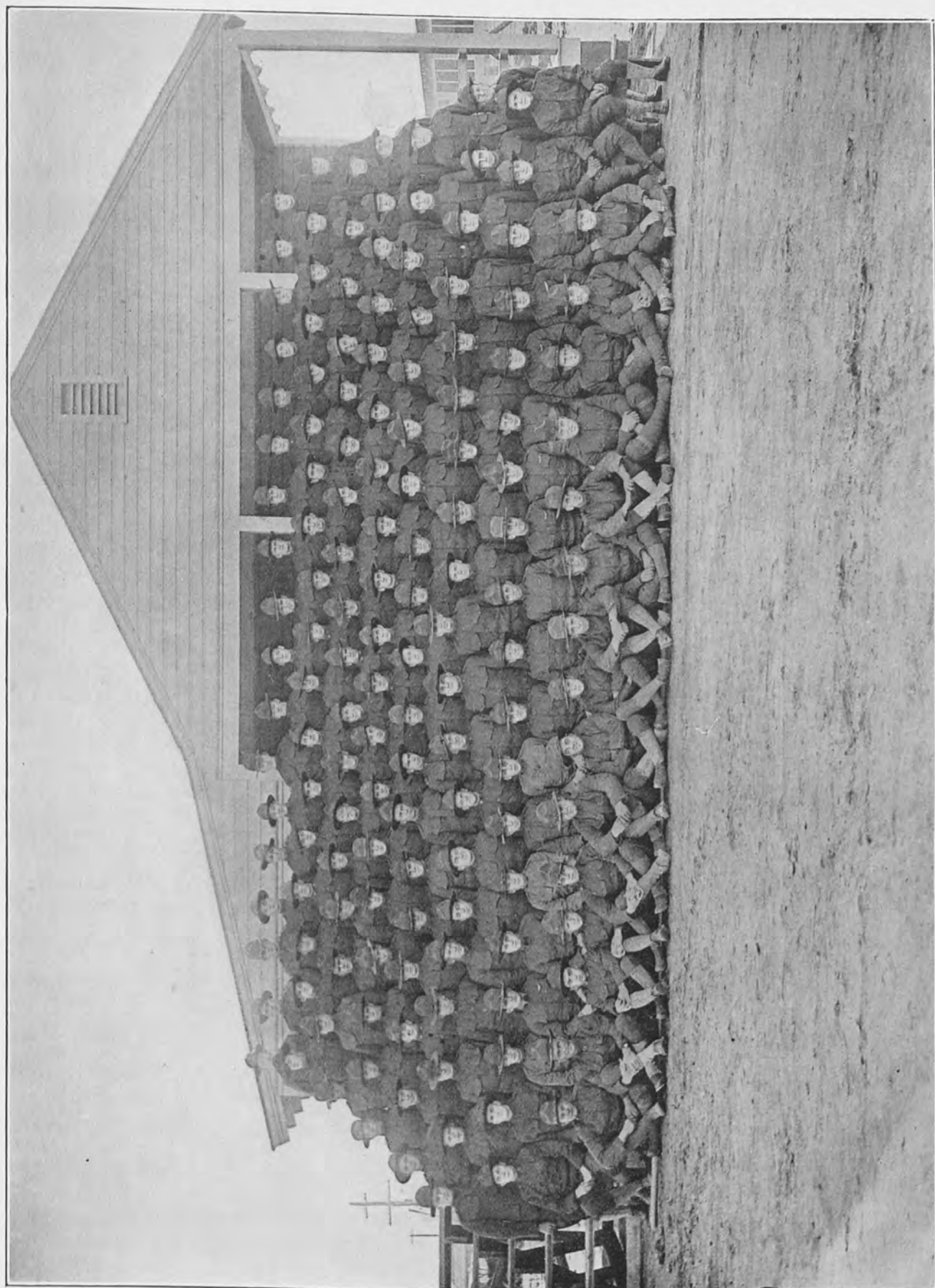
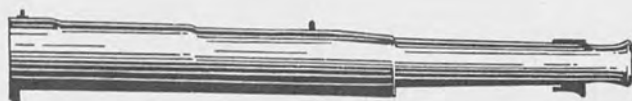
ORGANIZED: February 4, 1918.

AT: Ellington Field, Houston, Texas.

COMMANDER AT THAT TIME: Captain Roger W. Janus, who recently was killed in action in France. Lieutenant F. J. Longley was Acting Commander from March 1, 1918, to May 1, 1918, and Commanding Officer until Squadron entrained for Aberdeen on July 1st, 1918. Captain William A. Tilt assumed Command on July 1, 1918, and left on October 29, 1918, with Over-seas Orders. Lieutenant Longley again became Commanding Officer until relieved by Captain Geo. C. Furrow, our present, commander who assumed command of this Squadron on November 7, 1918. While at Ellington Field, Texas, this Squadron maintained the entire Bombing School for Pilots and Observers, and all bombing activities were carried on by this organization.

STRENGTH: 16 Officers. 145 Enlisted men.

DUTIES AT THIS POST: Bomb Testing, Metrological work results as a basis in computing shell trajectories, carrying Observers for Guns and carrying Photographers and other work connected with the Air Service of the U. S. Army.





AERONAUTICS AT ABERDEEN

AS far as the human mind is in knowledge of the facts of history, the present war is the only conflict in which an airplane or such an organization as an aero squadron has figured; but who knows whether or not our primitive ancestors, having trained the mammoth birds which are now extinct, used those amphibious creatures as airplanes, from whose lofty backs they pestered the enemy with rocks from great altitudes? But the purpose of this article is not to discuss prehistoric mammals or their possibilities as weapons of war; quite to the contrary, it is for the express purpose of outlining a bit of the history, both past and present, not of aero squadrons in general, but of the one situated at this field, the 271st Aero Squadron, and, incidentally, the initial bombing squadron of America.

In the eyes of the layman, the duties of an enlisted man in an aero squadron seem to be synchronous with an individual who suddenly finds himself in the seventh heaven of Jove, and I have even had many questions addressed to me, in substance—"All you boys must do is to jump in a machine and fly away, is it not?" And being so very familiar with the actual duties of the enlisted men in a squadron, it was with difficulty that I suppressed the hearty laugh the question deserved.

Hardly, gentle reader, are our duties those of flying away. The aviation man knows thoroughly the manual of arms and the hardships of guard duty, kitchen police, and the distasteful fatigue. The actual duties, however, in connection with the flying, are many. The hangars must be thrown open in the early morning, the airplanes, or "ships" as they are known to the aviation man, must be rolled from the hangars, filled with water, gasoline and oil, and put "on the line," their propellers buried in the wind.

When the pilot arrives, the crew chief of the ship about to fly gets into the front cockpit of the machine, the motor is started, and the engine is warmed up for several minutes, preparatory to flight. This is a necessity for the upkeep of the motor and to determine the condition of the engine. A single miss and the ship would not leave the ground until the mechanic had it in perfect running condition.

The act of starting an airplane engine, other than being exceedingly interesting to the on-

looker is dangerous to the man who swings the propeller and there have been deaths resulting from the sudden kick from the propeller of a warm engine. The method with the old training type of Curtis is a one man job. Stepping a few feet to the side of the propeller, the mechanic calls "switch off" to the man in the pilot's pit, and the reply comes, "switch off." Then begins a turning of the propeller by the man's hands until compression is reached and, stepping once more to the side, he calls, "contact." "Contact!" comes the reply, and, with a swing of the propeller, the motor is running. With the Hispano Suiza motor, which we are using at this field mostly, the propeller merely has to be set on compression and is then started by a "booster" from the pilot's pit. But in the case of the Liberty Motor, three men, joining hands, are usually employed to swing the propeller, but it is possible to start these powerful motors by one man power, simply by pulling the propeller over the breaking point.

There are many duties other than those mentioned, which, to go into detail, would require both reams of paper and a knowledge with which I am not familiar. The assembling of the planes, the lining up of the ship before it can fly, the pulling of motors that are no longer serviceable until overhauled, the overhauling of these motors, and the reinstallation of the overhauled motor are but a few of a myriad of duties in the lives of the enlisted aviation man.

But all these are neither here nor there with the squadron in general, or why it was sent to this field, and the business it has accomplished since its arrival.

In the early days of July, after months of hardships and stringent duties in Texas, we received the welcome news that we were to leave for the North, where, after the primary dropping and testing of real bombs (we dropped dummy bombs on the plains of Texas) we were to be shipped overseas as the initial bombing squadron of the states. On the fourth of July, into the dust of the proving ground we found our way and rejoiced over the fact. Real trees and water stretched out behind our barracks and these, the first seen for months, received great acclamations of praise from each man. Then came the duties of assembling the

(Continued on Page 200)



“Poetic” Effusions of “Inmate” Genius

FROM THE HOSPITAL WARDS

Done In O. D.

I.

'Twas the night before payday
And all through the shanty
Not a crap game was stirring—
'Twas all penny ante.

Broker Genn.

II.

'Twas at noon before Mess-Call—
The boys were all glum,
Not a man had a doubt, for—
“It's beans, or it's slum.”

B. Iskit Shooter.

III.

“I nade shoes,” said O'Rourke,
“But I'm shure in a fix,
“For my fate are soize twilve,
“And I know I'll get SIX.”

A. S. Upply Sergeant.

IV.

'Twas time to get up,
But in Headquarter's shack
Each non-com just yawned,
And turned on his back.

J. Ellis.

V.

“I'm rich,” said young Jones,
“I've a dollar nineteen,
“That'll buy one cigar
“At the old Post Canteen.”

S. M. Ochre.

Father And Son

Old Peter was a millionaire,
He made his pile in prunes,
Young Peter serves his daddy's fruit
In Mess Hall Three, and croons:

*Eat a pound of prunes a day,
Keeps the Doctor far away,
Helps the Old Man, too, and say—
That means a check for me, Hurrah.*

II.

Cohen Senior runs a shop
Where they make breeches, wool
O. D.,
Sergeant Cohen issues clothes
To all the boys, and sings, with
glee:

*Seven million pairs of pants
For us and for the boys in France,
I should worry, treat 'em rough,
Dad's contract calls for lots of stuff.*

III.

J. P. Skidless sold, to date,
Four million tires, to Uncle Sam,
Corporal Skidless drives a jit,
And puts the brakes on with a
slam—

*Some folks are keen for opera, not
me—*

*I wouldn't know a musical high “C,”
The sweetest note I've learned, yea
bo,*

Is when a 30x3 lets go!

J. S. S.



WILL YOU EVER FORGET?

The First Time You Put on a Pair
of Wrap Leggins

To The Nurses

The Nurses are a Jolly bunch,
So Happy and care-free,
Miss Mattfeldt is the chief of them,
Fourteen with Mary Dee.

The sunshine of Miss Lachman's smile
The laughter of Miss Love,
The pretty dimples of Miss Dibbs
Brings thoughts of Heaven above.

The motherly care by Miss Coreoran
shown,

The coyness of Miss Burns,
The bashfulness of Doranblaser
Promotes many great turns.

The loving nature of Miss Bolt,
Miss Harney's tender care,
The cunningness of Katy-Wolfe,
How well they do their share.

The blushing Anna Whittle,
Miss Ellwood's auburn hair,
Miss Rodgers' disposition
Will win a home somewhere.

And now our tale is ended,
We have no more to say,
So here's a toast to each kind nurse,
Their work we can't repay.

S. Hospital Sgt. Smith.

To The Officers

Of Gallant officers we may learn
Whose deeds the war helped win,
And I have reference in my turn
To these of A. P. G.

With Major Henry in command,
And what more need I say,
'Cause he's a fighter of the land,
The U. S. that won the day.

Then comes Captain Junk, our adju-
tant,

Who's name among us all has won
A place in the hearts of every man
For the work that he has done.

We boast of Captain McCausland,
Trowbridge, Shepard, and Perkins,
too,

With Stier, they have made their
stand

To the U. S., noble and true blue.

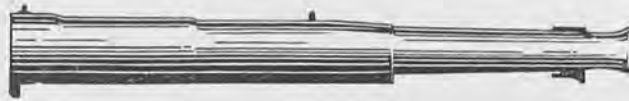
With Lieutenants Higgins, and Black-
well

We sure can claim our pride,
For during that epidemic of Hell
They kept many from that last long
ride.

Then we have Lieutenant Collinson,
And Jimmy Lyons, too,
They keep the camp healthy and
clean

And to them much praise is due.

A Crissman and a Hasbrook,
Lieutenant dentists fine,
And right in the army hall of fame
They take their place in line.
Corp. Wm. P. Shannon.



MEDICAL CORPS

Commanding Officer:—MAJOR THOMAS B. HENRY
Adjutant:—CAPTAIN JAMES J. JUNK
First Sergeant:—HOSPITAL SERGEANT AUBREY J. SMITH
Supply Sergeant:—SERGEANT CHARLES D. McCARTHY
Company Clerk:—SERGEANT THOMAS H. GRAHAM

DETACHMENT ROSTER

Sergeants—

Aldrich, Leon M.
Corrigan, Leon F.
Blankenship, Ferris
Dyer, Philip
Riley, William M.
Wick, Bert S.

Corporals—

Beaudoin, Joseph
Douglass, George, Sr.
Griffith, Robert B.
Jaccard, George C.
Sanders, George T.
Shannon, William P.
Young, Lester B.

Cooks—

Babcock, Lester W.
Leinhard, James J.
Shlam, Francis W.

Privates 1st Class—

Allen, Paul E.

Arvin, Albert L.
Castor, Samuel B.
Collins, Arthur W.
Curran, John R.
Dingethal, Arthur S.
Franseschi, Massino
Fischer, Samuel J.
Hadlock, Bryan
Hagerman, Isaac
Hankins, Caarl L.
Hardy, William G.
Harrison, William E.
Hauschild, Charles F.
Heald, Harry H.
Henn, Edward
Hitzel, Frank F.
Kessler, Benjamin
Krone, Edward J.
London, Jonh C.
Martin, Herman S.
McCullough, Mark M.
Newman, Ernest L.
O'Brien, John T.
Paterno, Vincent J.
Perkins, Manus H.

Phalen, John H.
Prather, Virgil G.
Ryan, Francis G.
Smith, Edward J.

Privates—

Bannister, Roy McP.
Bullis, Oland D.
Cogley, Harold G.
Curry, Charles W.
Daggett, Melbourne M.
Davidson, Arthur B.
Dedrick, Blanchard
Gaudette, Frank J.
Fox, Charles J.
Fuchs, Caarl F.
Grace, Charles B.
Gralsfski, Jozef
Gunn, George T.
Harkolu, George
Helfanbein, Jacob
Holland, Fred W.
Hornor, George C.
Jensen, Henry M.
Kane, Charles

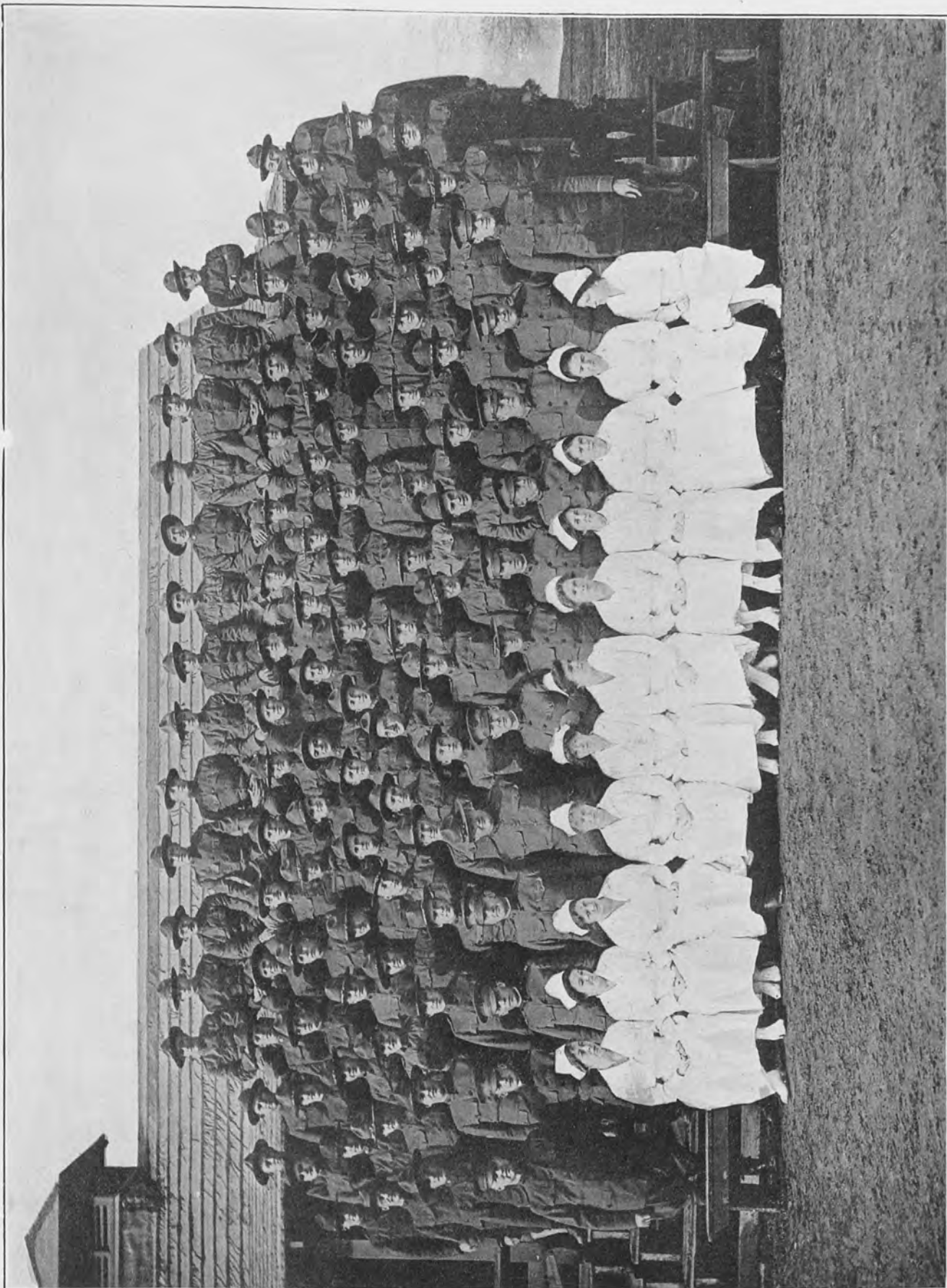
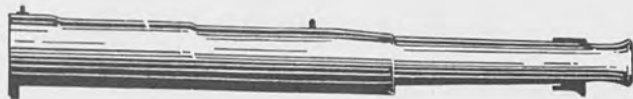
Kaplowitz, Abraham E.
Kawesch, Max E.
Kelly, William E.
Klatzkin, Arthur A.
Ladieu, Horace J.
Lundberg, Carl H.
Lynn, Joseph
Maher, Maurice J.
Matheny, Dale K.
Mearns, James P.
McCann, Daniel J.
McLaughlin, Vaughn H.
Murphy, John
Newman, Mike
Nolan, William D.
Nowak, Franklyn W.
Noyeke, William J.
Obermark, Riben H.
Olson, Edgar I.
Palmer, James F.
Paul, Walter S.
Phillips, Pohnathon C.
Quinn, Frank F.
Rarthburn, Carlisle B.
Reibel, Julius
Resnick, Louis

Ripley, Carroll C.
Rist, Albert H.
Rivett, John F.
Rothblatt, George
Seola, Joseph, Jr.
Skau, Herman C.
Smith, Sherman A.
Vastello, Rocco
Volpe, Alfred
Wende, Reinhardt C.

Nurses—

Miss Paula Mattfeldt
Miss Grace Love
Miss Catherine Wolf
Miss Mary Dee
Miss Susan Rodgers
Miss Mildred Lachman
Miss Annie Whittle
Miss Ella Harney
Miss Grace Dibb
Miss Minnie Dornblaser
Miss Kathrynne Burns
Miss Teresa Bolt
Miss Maary Corcoran
Miss Ellis Lillian Ellwood

A. J. S.—Hospital Sergeant Smith. Scribe of these notes, poet and one of the boys. L. M. A.—Doc Aldrich. Horatia Algers, protege from mail clerk to dentist. F. O. B.—Sergeant Blankenship (Blanky). Georgia peach, fast on Broadway, married in Moravia. J. P. B.—Sergeant Beaudoin, from hardware salesman to mess sergeant, par excellence. L. F. C.—Sunshine Corrigan, the aristocracy of the Medical Department. P. D.—Poy-Dyer Engineer, heart-breaker and landscape gardner. T. H. G.—Tommy Graham, advocate of labor unions, nurses' mascot, and discover of Principio. C. D. M.—Kitty McCarthy, sergeant of supplies our friend Charles D. He thinks less of supplies than he does Miss D. M. R.—Sergeant Riley, surgical assistant and the fear of all civilians. B. S. W.—Sergeant Bert S. Wick, keeps record of the sick. He is clever with the pen, and clubby with the men. G. D.—George Douglass (Old Timer), inspector of mess halls. R. B. G.—Corporal Griffith, the supply sergeants assistant, dealer in second hand clothing. G. C. J.—Corporal Jaccord a polished gentleman, soldier of fortune. G. T. S.—Corporal Sanders (Buck), an old timer from Montana. W. P. S.—Corporal (Bill) Shannon. A member of the Villa Gambrilla, where dwells the elle Elsie. Also an entertainer of the detachment. L. B. Y.—Corporal Shorty Young. He has the bearing of a general, but the rank of a corporal. E. W. B.—A good dinner? No wonder, Babcock cooked. J. J. L.—Jimmy Linehard. Politician, cook and Mexican athlete. F. W. S.—A wonderful cook was Bozo Shlam. He never cooks us eggs and ham. The patients think his cooking fine, but the detachment they go out to dine. P. E. A.—Private Allen, the speed king. A. L. A.—Arvin lover of Kentucky best, but he bolts when with him you jest. S. B. C.—Castor. First in war, first in peace and first in a crap game. A. W. C.—When you speak of cheese, ask Collins, he thinks of days gone by. J. R. C.—Jack Curran, surgical assistant. A. S. D.—Dingethall, slow but sure, his pipe is his pal, his wife his gal. M. F.—Joe Franchessi. From coal miner to K. P. F. J. G.—Gaudette Beu Brumell, nurse, and exponent of modern dancing. B. H.—Bryan Hadlock, is his name, Our Major's chauffeur of much fame, His one cry is gasoline, so he can run his little machine. I. H.—Nurse, electrician and Bible student. C. L. H.—Hankins was a plumber, He could think of nothing worse, Until he joined the army and now he is a nurse. W. E. H.—Harrison qualified from electrician to X-ray expert. C. F. H.—Hauschild, a good nurse and a hard worker. E. H.—Henn, assistant dispenser of good eats to the detachment. H. H. H.—Heald, always smiling always talking. F. F. H.—Hitzel, dazed, don't touch him. B. K.—Kessler, now men I want you to understand I don't intend to run a morgue at this sick call. So stay out of it; what ails yer? E. J. K.—Krone, with the detachment in person if not in spirit. J. C. L.—London, surgical assistant; there can be only one like him in any country. H. S. M.—Martin, private but ambulance sergeant and lance corporal. You boys all know how I worked during the "hypodermic," but if any of you should kick in, you'll know who will take you on that last ride. M. M. Mc.—McCullough the silent, lover of nature, never hurries. Lack of space prevents further criticism. Lucky are those who escaped.





Ordnance Training School

CAPTAIN A. SCHALLER: Commanding

First Lieutenant J. R. Reilly: Adjutant

First Lieutenant P. H. Taylor: In charge of Military Instruction

First Lieutenant R. L. Barton: Instructor in Trench Warfare

Second Lieutenant J. L. Green: Instructor in Artillery Ammunition

Second Lieutenant A. M. Redding: Instructor in Instruments

Second Lieutenant W. J. Thorne: Instructor in Artillery

Second Lieutenant H. F. Butler: Instructor in Small Arms

Second Lieutenant O. C. F. Lippert: Instructor in Chemistry and Explosives

Second Lieutenant E. A. Thomas: Assistant Instructor in Artillery

COMPANY ROSTER

Ordnance Sergeants—

Bender, Theodore K.
Collings, Benjamin P.
Coursen, Roland C.
Dyer, Robert F.
Eby, Leslie H.
Eccleston, Earl S.
Greenawald, Paul B.
Harris, Murray W.
Lynds, John L.
Montgomery, Roger
Ramsdell, Paul V.
Spofford, Walcott E.
Steif, Benjamin L.
Wright, Rexford A.

Sergeants 1st Class—

Baker, Rest R.
Burkhart, Clifford L.
Mann, Karl M.
Stadler, J. P.
Stein, Ralph E.
Stults, William R.

Sergeants—

Almon, Harry T.
Barlow, Herbert W.
Barnicoat, Frederick M.
Block, Sam
Bowman, George L.
Bourgeois, Elvin C.
Clyman, David
Collins, Lester M.
Cooke, George W.
DeMuth, Andrew A.
Hamper, Louis W.
Hipp, John, Jr.
Husband, Robert M.
Jahn, Nicholas F.
Joy, Albin P.
Kuhiken, Henry F.

Lee, Howard W.
Meyer, Harold
Park, Ralph H.
Roden, Hugh F.
Schilt, Vernon
Smith, Walter J.
Whitehead, Joseph H.

Corporals—

Aken, James N.
Appleton, Leo F.
Barton, Larry J.
Breinen, David L.
Castnee, T. S.
Dudley, DeWitt
Forsman, Robert H.
Garabedian, C. A.
Gersman, Bernard
Gilpin, George W.
Graustein, William C.
James, William J.
Mauger, Virgil E.
Mills, George H.
Poindexter, Herbert A.
Proctor, Charles D.
Shannon, Donald G.
Shook, Clarence A.
Stephens, Clarence O.
Sterret, J. C.
Townsend, Louis Van R.
Walsh, Harold V.
White, Albert C.
Wilk, Elmer R.

Cook—

Rockford, Michael

Privates 1st Class—

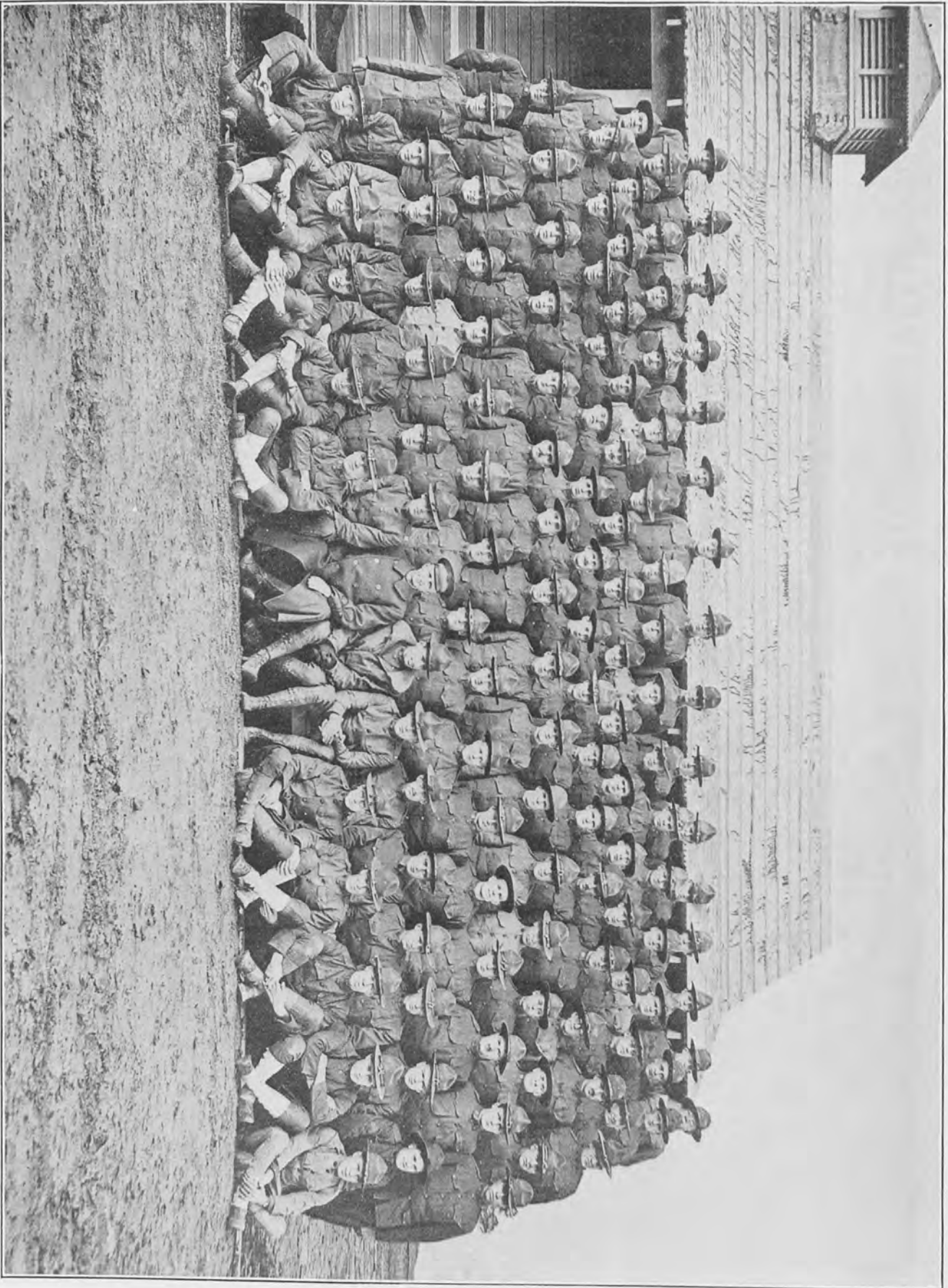
Bales, Harold G.
Bilotti, Domenick A.
Breck, Lawrence W.

Ewing, Wylie B.
Georges, Leroy W.
Gray, George R.
Lampman, Arthur
Lundeen, Curt
Newton, Hollis W.
Odell, Charles W.
Pollock, Frank M.
Quackenbush, Claude
Smoley, Nicolas G.

Privates—

Abell, R. Adams
Allen, Everett W.
Anderson, Robert F.
Askin, Paul H.
Balmert, Richard M.
Black, W.
Blair, G. W.
Bowne, Martin S.
Boyer, Virgil W.
Cadde, Herbert A.
Cate, W. S.
Chapin, Harry A.
Cheney, John I.
Clark, James H.
Cogswell, Lloyd B.
Conrad, Harold N.
Cornett, William F.
Cressman, George R.
Dace, F. E.
Daniels, Frank J.
Demmon, H.
DiBiazzi, Louis
Doherty, J. A.
Doig, Alexander A.
Ellabarger, Lowell S.
Fletcher, A. C.
Fudenski, George
Friedman, Mortimer
Gaul, H. H.

Genn, Vernon C.
Gibson, Fred. C.
Griffing, Ebenezer C.
Griffith, Maxwell L.
Hansen, Paul P.
Hayden, William P.
Hoerle, Rowland E.
Kelly, Robert J.
Kowarsky, Louis
Lawwill, Joseph A.
Ludwig, Clinton A.
Major, Hubert C.
Martin, Clarence A.
Mawrence, Louis
McCathron, Claude B.
McGown, Clark Y.
Murphy, Forrest W.
Nellis, Howard C.
Ormond, Harry
Parsons, Charles E.
Pillow, Richard H.
Pond, Charles H.
Poole, Edward S.
Quisenberry, Russell
Richardson, James K.
Roman, Irwin
Rommel, Roy R.
Schwartz, Phillip
Smith, Edward B.
Stuckenbruck, Harold G.
Teshan, Charles J.
Thornton, Norbert R.
Tuttle, Lauren S.
Warner, Robert W.
White, Hugo V.
Woolverton, Hugh L.
Yorke, Park L.
Young, Udell C.
Zimmerman, Leon C.
Ball, Trevor W.
Thompson, Herbert C.





RAILWAY ARTILLERY SCHOOL

Commanding Officer:—CAPTAIN ALWIN SHALLER, Capt. Ord. Dept., U. S. A.
First Sergeant:—ORDNANCE SERGEANT PHILIP W. HUNT
Supply Sergeant and Company Clerk—SERGEANT THOMAS F. COX
Clerk:—CORPORAL ARMAND J. BOISCLAIR

IT was early in March, 1918, that the boys of the Aberdeen Proving Ground first heard of the Railway Artillery School. In these days most of the men of this Post had been in the service about three months and had not given up hope of a trip across to the other side. One morning a notice appeared on the different company bulletin boards that caused a decided stir in the every day life of the Ordnance Detachment. Fifty-eight men had been selected to go to the Railway Artillery School at Sandy Hook Proving Ground. This meant a good chance for foreign service and the fifty-eight lucky men left Aberdeen on March 22, 1918, with all the good luck that their comrades could wish them. Of the original fifty-eight men, fifty-three are now in France.

The school was located at Sandy Hook Proving Ground till June, 1918. In that time two units were trained and equipped and left for overseas service. The school moved to Aberdeen Proving ground in June, and soon two more units were being trained. These units, namely the Third and Fourth, left Aberdeen early in October. Each unit is under the command of a Captain or a First Lieutenant. It is composed of twenty-eight enlisted men who are rated as follows; four Ordnance Sergeants, five Sergeants of Ordnance, ten Corporals, four Privates First Class, and five Privates Second Class. The men of the first two units were mainly from Aberdeen, while the men of the later units came from Camp Hancock, Ga., and Camp Coppe, South Bethlehem, Pa.

The Railway Artillery School has for its object the training of enlisted men to handle the repairs of heavy railway artillery equipment. Of course it is impossible to make a skilled mechanic out of a laborer or a clerical worker in the short time available. Therefore the men who attend the school must be first class carpenters, engineers, railroad men, machinists, blacksmiths, acetylene welders, etc. These men are selected from the numerous skilled industrial workers in the Ordnance Department and at the school they gain a knowledge of material used in Railway Artillery. They become familiar with the different kinds of ammunition used, the recoil and counter recoil mechanism of the gun carriage, and the breech mechanism. Also they learn how to take care of the rolling stock, receive practical lessons in rigging, and are put through a stiff period of military training.

The Fifth and Sixth units are on the Post at the time of this writing. They were trained, equipped and ready for foreign service when the Armistice was signed. Just what will become of them is doubtful.

First Railway Artillery Ordnance Unit

Commanding Officer.....Charles S. Reed, Capt. Ord. Dept., U. S. A.
First Sergeant.....Ordnance Sergeant Paul Paulton

Second Railway Artillery Ordnance Repair Unit

Commanding Officer.....Marry F. Bates, 1st Lieut., Ord Dept. U. S. A.
First Sergeant.....Ordnance Sergeant Gus Mangels

Third Railway Artillery Ordnance Repair Unit

Commanding Officer.....W. L. Woodmansee, Capt. Ord. Dept., U.S. A.
First Sergeant.....Ordnance Sergeant John E. Marlow

Fourth Railway Artillery Ordnance Repair Unit

Commanding Officer.....A. E. Woody, Capt. Ord. Dept., U. S. A.
First Sergeant.....Ordnance Sergeant E. A. Connolly

Fifth Railway Artillery Ordnance Repair Unit

Commanding Officer.....J. W. McElroy, Capt. Ord. Dept., U. S. A.
First Sergeant.....Ordnance Sergeant J. L. Wright
Ordnance Sergeants.....C. D. Nichols, G. N. LaMar, V. S. Kostowski

Sergeants.....E. D. Knetz, A. D. McGinnis, P. VanHavern, C. C. Calvert, E. P. Hand

Corporals.....V. L. Lewis, C. D. Lewis, J. P. McGrath, L. Griffith, H. J. Oscar, M. E. Mills, P. F. Kearney, T. A. Faith, R. R. Fitzsimmons

Privates First Class.....L. J. Meens, A. J. Koss, W. O. O'Brien, D. M. Leedom

Privates Second Class.....J. Merritt, G. J. Thomas, J. J. Kochan, J. Hemmer, C. H. Novinger, C. L. Dexter

Sixth Railway Artillery Ordnance Repair Unit

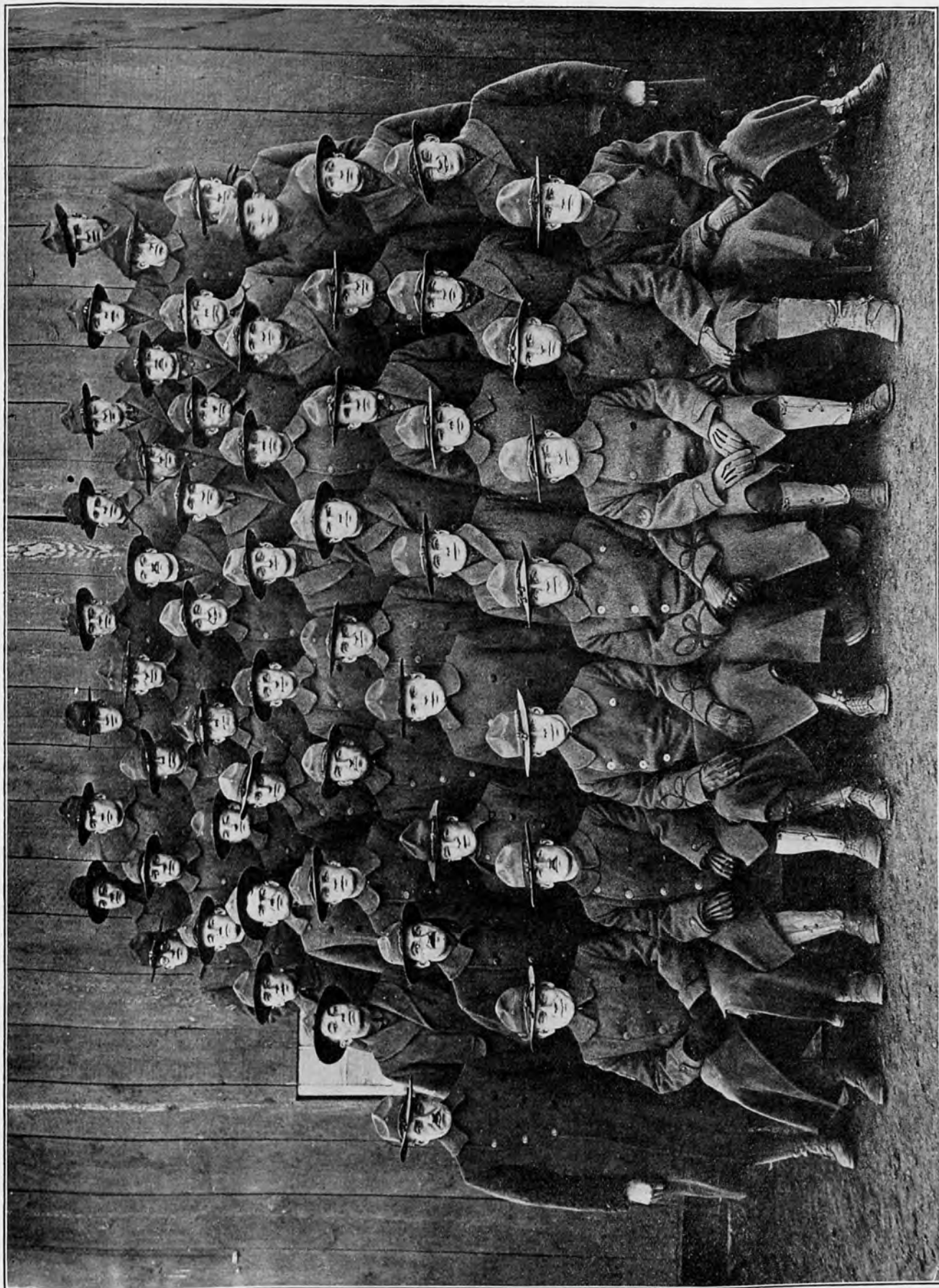
Commanding Officer.....H. A. Ketcham, 1st Lieut., Ord Dept., U.S.A.
First Sergeant.....Ordnance Sergeant W. G. Jamieson

Ordnance Sergeants.....T. P. McHugh, A. Heinel, J. P. Secor
Sergeants.....W. F. Hartley, T. J. Morten, W. Wilson, A. Vanasse, E. M. Dolan

Corporals.....H. O. Church, A. J. Fields, V. A. Beausoleil, J. Gableman, R. M. Joyce, F. C. Kraus, J. F. LaFrenz, F. Michael, E. E. Ritter, T. A. Schaffer

Privates First Class—J. A. Kelly, A. H. Lewis, P. A. VanDam, J. P. Wolpert

Privates Second Class—E. P. Greer, R. W. Kammerer, F. C. Myers, W. D. Thorpe, E. T. Weeter





28th Balloon Company

Company Commander:—SECOND LIEUTENANT REUBEN J. SHAY
First Sergeant:—AMBROSE F. MURPHY
Supply Sergeant:—CLARENCE W. PFEIFFER
Company Clerk:—JOSEPH T. SMITH
Officers Attached:—
SECOND LIEUTENANT ROSWELL W. HENNINGER
SECOND LIEUTENANT EDWARD B. CROFOOT
SECOND LIEUTENANT LEONARD W. LABAREE

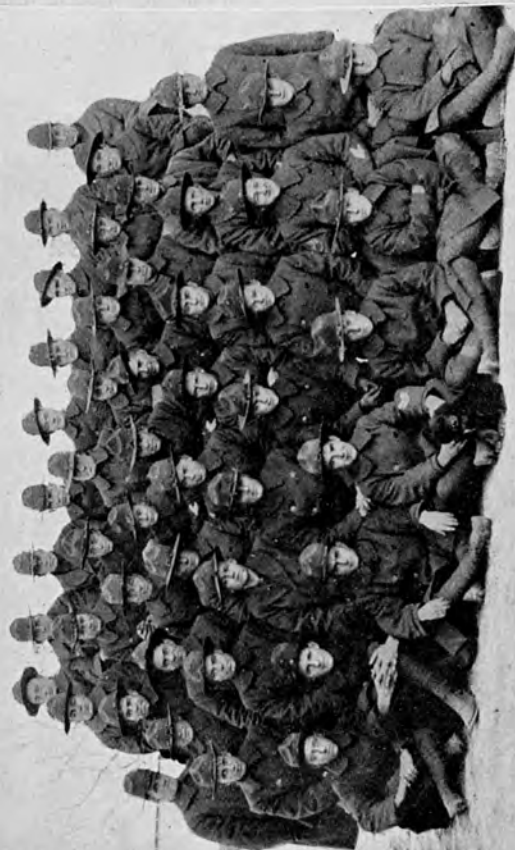
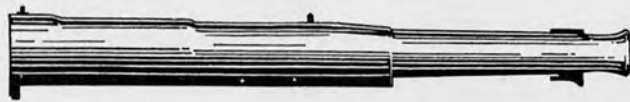
COMPANY ROSTER

Sergeants 1st Class— Hummer, Charles H., Jr. Brandt, Oscar T.	Sergeants— Abels, Charles R. Brandt, Einar Gaff, Elden A.	Corporals— Alber, John J. Barry, Douglas B. Dell, William A. Haggerty, Edward J. Haley, Joel L. Kinney, Irvin C. Le Mere, Francis E. Lorshbough, Sherley R. Lykke, Andrew P. McGinnis, John Mangold, Anthony W. Miles, William W. Truchs, John A. Van Loan, Grant	Privates— Atwell, Henry H. Aguilar, Galizto G. Backman, Frank P. Banks, James E. Barber, Virgil I. Bassett, Eben F. Baumler, Robert G. Boylston, William G. Bradbury, Donald J. Bradford, Harvey L. Bunning, Theodore E. Butts, Paul D. Bush, George M. Carbone, Frank Carlisle, Arthur D. Carlson, Oscar A. Clark, Speedy H. Compton, Samuel H. Cunningham, Elmer E.	Privates— Corbitt, Bethel Corbitt, Grady D'Arey, Charles E., Jr. Farley, Edward M. Gardner, Roy E. Hansen, Julius C. Jarrell, Samuel W. Kadas, Louis Kellerman, George M. Kubler, Martin A. Knapp, Ora D. Krieger, Otto A. Le Mere, Roy A. McDonald, Jesse M. McKenzie, Angus D. Martinsen, Julius C. Moody, Henry R. Pritchett, Allen N. Reid, Eugene Smith, Kenneth C. Thompson, Ewal H. Vassar, Charley Walrath, Ernest L.	Privates— Curtin, William H. Davis, Robert F. Dellera, Kelso DiSesa, William Drake, Hugh Ellwell, Henry T. Erickson, John S. Felix, Albert Foltz, Gail B. Frazier, Kenneth L. Freeman, Hugh Frias, Charles J. Fritz, August H. Gardner, Miles Garry, James H. Gildea, Adward J. Goebel, Otto A. F. Gresham, Raymond T. Green, Joseph Gustafson, Peter S. Hanners, William Hayes, John J. Herndon, Alvin N. Heyman, Harry F. Hoffman, John F. Huffman, Fred. Johnson, Charles C. Johnson, Charles P. Kirchoff, Frank Knuffke, Richard F. Kopeck, Albert J. Lakeman, William H. LaPorte, Henry Larsen, Earl Lewis, Max Lopeman, Charles F. McConnell, Bert McKee, Walter R. McKenzie, Sherrel C. McLean, Curtis A. Mack, Earl C. Manley, Eugene W. Mechler, Ernest Merrill, Paul R. Metcalfe, Robert	Privates— Michael, Elmer B. Moran, Roigh M. Nesbitt, James D. Newton, Le Roy A. Nystrom, Milton O'Brien, Thomas E. O'Brien, Vincent Oklin, Abraham Orlando, Lawrence E. Osborne, Lynn S. Pelletier, Leo J. Pempel, Harry Peterson, John A. Petrella, John B. Fralle, John P. Price, Thomas T. Quick, George M. Rausch, William N. Reese, Earl D. Rieber, Frank L. Schrieb, Caral A. Schwartz, Roscoe J. Selzer, Arnold J. Send, Fred. D. Stankewicz, Paul J. Samll, Otho C. Smith, Glenwood Smith, Byron A. Smith, Ralph O. Spalty, Jacob Tompkins, Emmett A. Tobinsky, Albert Triplett, Wiley J. Tyler, Harry A. Van Hassell, Harrison V. Vaughan, Cicero F. Watson, William B. Weeks, Charles U. Wells, Walter H. White, James M. Wildy, Louis Williams, Andrew Wright, Leondy Wright, Milton E. Zuckerman, Mares
--	---	--	---	---	--	---

THE Twenty-eighth Balloon Company, one of the oldest, if not the oldest, balloon company on this side of the Atlantic, was formed at the Aviation Camp at Waco, Texas, on February 16, 1918 with two hundred enlisted men and the following officers: Lieutenant Harry G. Montgomery, Lieutenant Isaac W. Coulter, Lieutenant Peter F. Allan, Lieutenant Harold R. Miller and Lieutenant Forrest W. Bradshaw.

The company received training at this Post from the date it was organized until March 14th, on which date it left for the Aeronautical General Supply Depot and Concentration Camp, Morriston, Virginia, the embarkation point for Air Service troops. Here the company remained until the 12th day of July, expecting to receive orders any day to embark for overseas, expecting when a shipment of troops overseas was made, to be included in the next shipment. In this way we lived in hopes, always expecting to be chosen, but always doomed to disappointment. We were able to send some of our best men over, though, by transferring them to other companies and it is safe to say that there isn't a balloon company in France that has not at least one man who can tell with pleasure of the spirit shown in the Twenty-eighth Balloon Company. On the 12th of July, 1918, our hopes of being directly connected with beating the Huns were blasted when orders were received to move to the U. S. Army Balloon School at Lee Hall, Virginia. Here we remained making balloon beds and flying balloons until the 26th of December, when we left for the Aberdeen Proving Ground.

Of the original company that was organized at Waco, Texas, none of the officers remain with us and but twelve men. We have transferred men in and out. The company has been few in numbers and then again it would be a full company. We have weathered all storms and have never once faltered or complained and now you behold in us what we claim to be absolutely the best balloon company now in existence and if anyone doubts those words, he is respectfully referred to Lieutenant Reuben J. Shay, our commanding officer, for confirmation.





THE Army Y. M. C. A. Hut was opened for the use of the soldiers on April 1st, 1918. At that time it served about twelve hundred men; but the personnel of the camp has increased so that the "Y" hut serves five thousand soldiers. The result is that we are over crowded; but the "Y" is doing its best to serve and entertain every soldier.

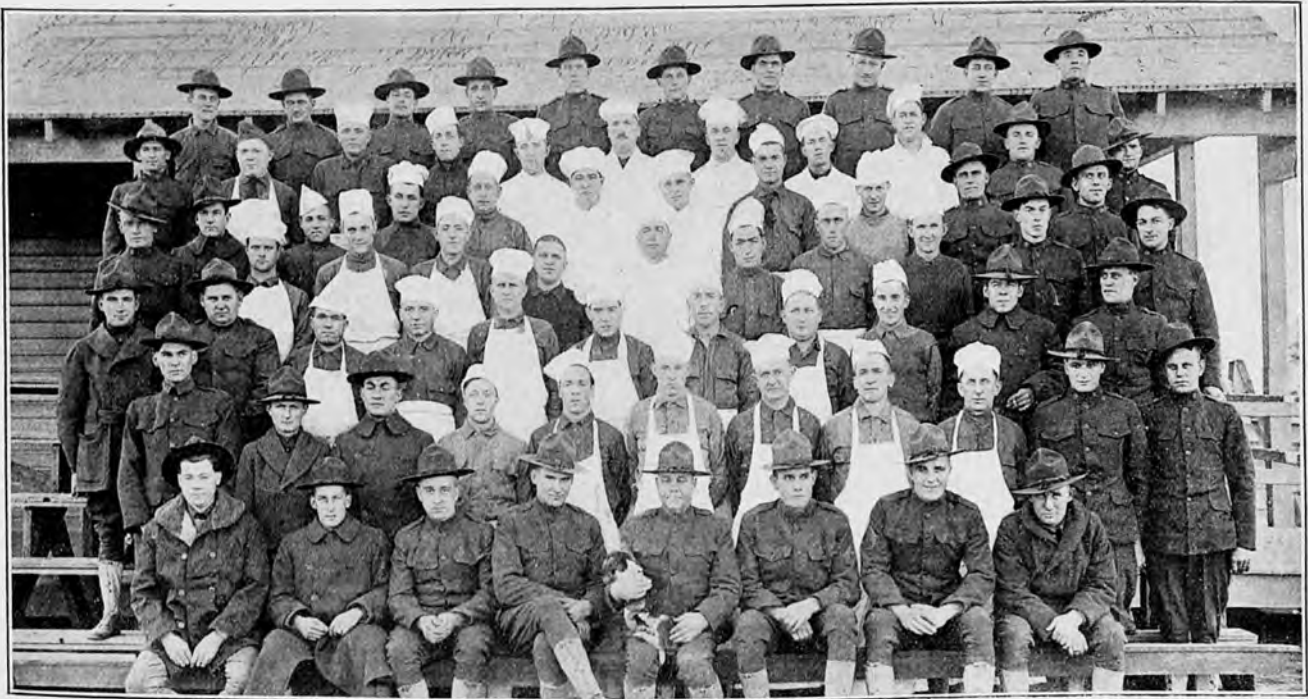
The "Y" work was begun by Mr. W. G. Hawes as camp secretary. He began his work on February 1st and worked a month or more by himself until he was joined by Mr. E. R. Tracy who took up the work as religious secretary. On September 1st Mr. Butler joined the force as social secretary. Mr. Butler left on October 3rd, his place being taken by Mr. Carey who served until December 1st. The present "Y" staff consists of Mr. S. C. Werseth, Camp Secretary; Mr. H. S. Whitehead, Religious Work Secretary; Mr. G. R. Holcombe, Recreational Secretary, and Mr. H. W. Lammond, Social Secretary.

The Y. M. C. A. Hut, as well as all other war activities, is placed in camp to help strengthen the morale of the soldier and give him the right kind of recreation during his spare time. This the "Y" tries to do by giving the soldiers a varied form of instruction and entertainment each week. The weekly pro-

gram which is regularly followed is: Sunday, Bible classes and religious services morning and evening; Monday evenings, stunts; Tuesday evening, motion pictures; Wednesday evening, entertainments from outside; Thursday evening, religious services; Friday evening, educational program; Saturday evening, motion pictures.

In addition to the activities already named, the "Y" hut furnishes paper, envelopes and all necessary writing material free of charge. It sells stamps, post cards and money orders. The "Y" strongly encourages the soldiers to write letters especially to the folks at home, for it realizes that one of the greatest helps and inspiration which the soldier can have is the keeping in close touch with those he left behind.

The Y. M. C. A. has always received the best of support from both the officers and enlisted men of Aberdeen Proving Ground. We, the secretaries, have always tried to serve the men to the best of our abilities. We sincerely hope that our efforts have not been in vain, but that the men have felt that we were here to help them in whatever we could. We appreciate the opportunity of appearing in this publication, thus realizing that we are a part of this Ordnance Department which has done such a splendidly efficient piece of work in helping to decide the world conflict speedily.



DISPENSERS OF HASH AND BEANS, MESS SERGEANTS AND COOKS



"FIXERS" OF BIG GUNS. ARTILLERY REPAIR UNIT



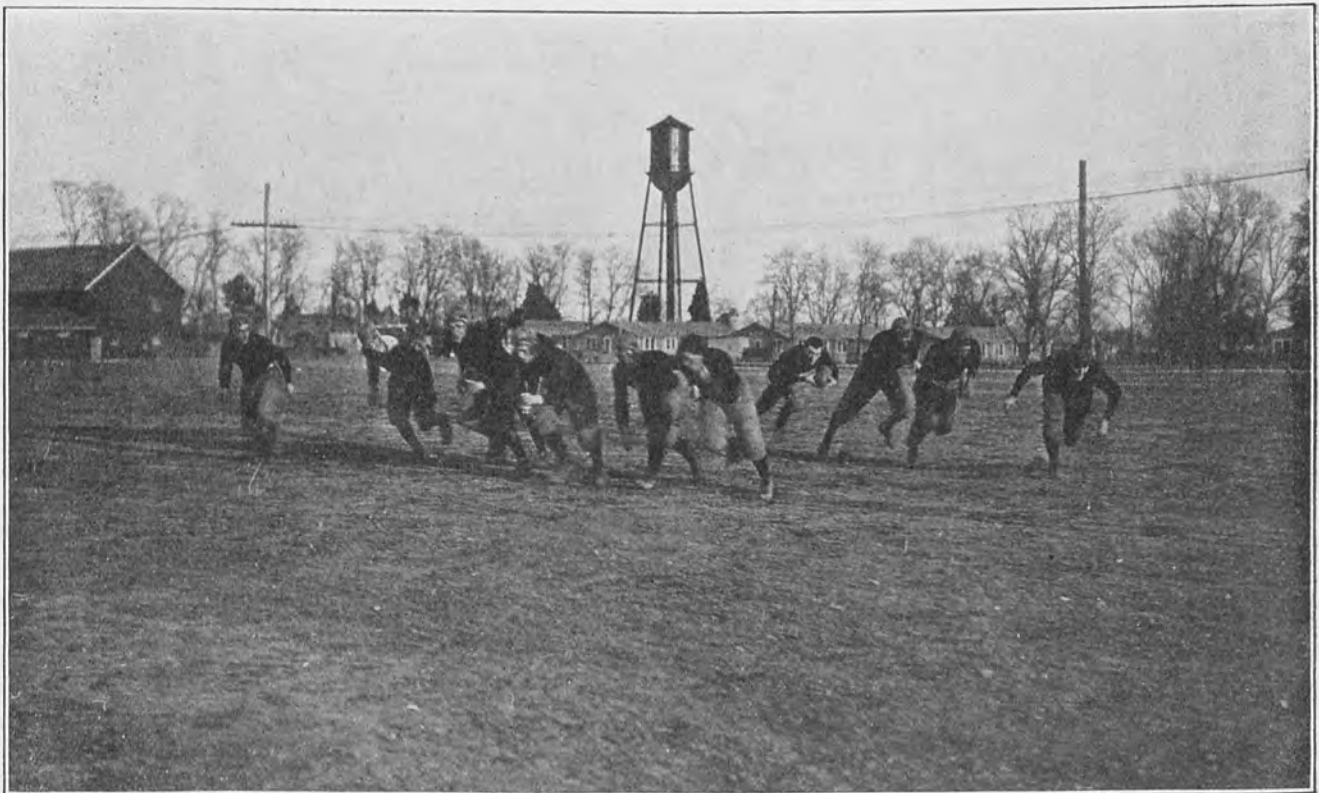
In Memoriam

TO meet and conquer the foe on the field of battle was denied them. Their lot was to serve far from the land where everlasting glory was won by the lads who offered their all to turn back the savage invader. Yet they served where the roar of the guns was incessant, making these very guns safe for the men who would turn them on the advancing foe. In this same work some of them gave their lives, others were the victims of dread disease; but all died in the service of their country. They answered the call as did the others who served, and for the cause in which they believed they made the supreme sacrifice that man can be called upon to make. When the pages of history have been written, when the names of the gallant dead have been inscribed on the tablets of honor and fame, not least among them will be the names of the boys who gave their lives at Aberdeen.

January 31st—Private Adolph Porkop	October 13th—Private James Sewell
March 3rd—Private Harry J. Kennedy	October 13th—Private Frank McDermott
March 28th—Private Edward Inman	October 13th—Private George Beimbrink
May 7th—Private Donald J. Lyons	October 13th—Corporal William D. Stevens
June 6th—Private Peter J. Leonard	October 13th—Private Irtell Williams
June 20th—Corporal James T. Roden	October 13th—Private Cecil C. Rennie
June 20th—Sergeant Elmer F. John	October 14th—Private George Albritton
July 18th—Major William R. King	October 14th—Private John F. McDuff
August 15th—Private Haven E. Robinson	October 14th—Private James Rind
September 29th—Private Albert Hosking	October 14th—2nd Lieut. John S. Thompson
September 30th—Private Albert E. Straus	October 14th—Private Merrill Bishop
October 5th—Private Albert K. Haleen	October 14th—Private John H. Clouser
October 5th—Private Mario Maresi	October 14th—Private Andrea Gilberto
October 5th—Corporal Clarence O. Davis	October 15th—Private Nison T. Kramer
October 7th—Corporal Harold J. Barnes	October 15th—Private Frank R. Cornell
October 8th—Private Fred Buttner	October 15th—Private Phillip Reilly
October 8th—Private Harry D. Haley	October 16th—Private Lycurdus M. Walton
October 8th—Private James F. Mears	October 16th—Private Quince A. Morton
October 8th—Private William Brown	October 17th—2nd Lieut. Isaac A. Chapman
October 9th—Private Arthur Hinman	October 18th—Private Charles Herstein
October 9th—Private Max Zipin	October 18th—Private John A. Krysiak
October 9th—Private Alfred Bolinsky	October 18th—Private Jeremiah Mahoney
October 10th—Private Floyd A. Walz	October 18th—Private Donald A. Stratton
October 11th—Private George Larsen	October 18th—Private Harry Speenburg
October 11th—Sergeant Daniel A. Jenkins	October 19th—Private George H. Reeve
October 11th—Private A. C. Ramey	October 19th—Private John Sullivan
October 11th—Private Gurney A. Kimmel	October 19th—Private Samuel Quesenberry
October 11th—Private Florence V. Carney	October 20th—Private Loronzo Strome
October 11th—Private Lawrence Koppen-	October 22nd—Private Milton Floyd
haver	October 23rd—Private Philip Leist
October 11th—Private William H. Libby	October 23rd—Private Vitro Bossolo
October 11th—Private Ralph J. Mattern	October 25th—Private Alvin Ukkannen
October 11th—Private Phillip E. Beltz	October 25th—Corporal Wm. E. Thomas
October 12th—Private William S. Cole	October 25th—2nd Lieut. Reidal G. Sprague
October 12th—Private William Bauscher	October 26th—Private Ralph F. Jacobs
October 12th—Private Nels Benson	October 27th—Private Leroy Welsh
October 12th—Private William D. McIntyre	October 27th—Private William West
October 12th—Private Joseph H. Stockton	October 28th—Private Frank Lauricella
October 12th—Private James A. Pope	October 29th—Private George Smith
October 12th—Captain Phillip G. Morrison	October 30th—Private Arthur E. Green
October 13th—First Lieut. Ellis L. Griffith	November 16th—Private Duncan Kelly



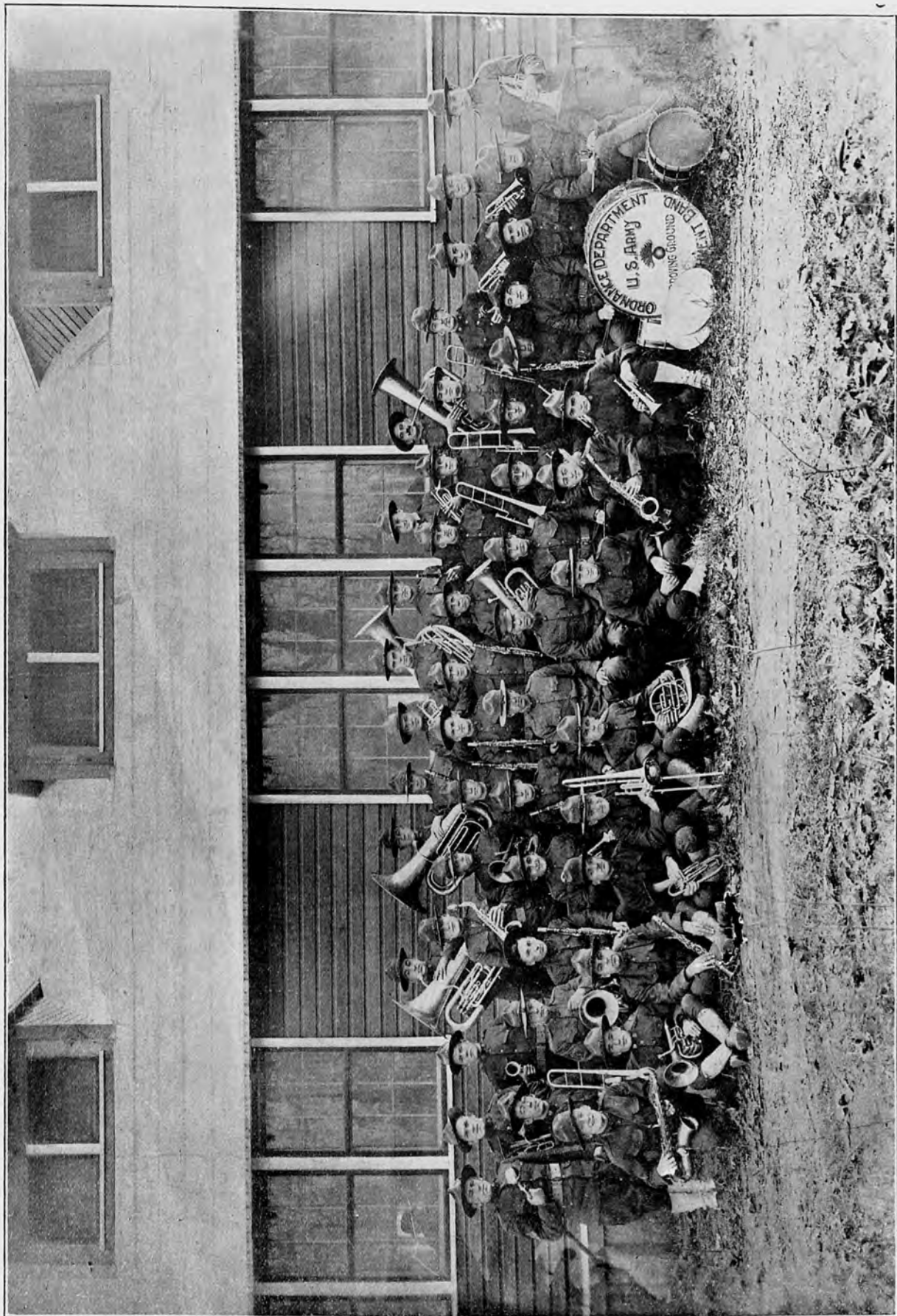
THE BOYS WHO TOOK OUR MONEY.--POST EXCHANGE FORCE



OUR GRIDIRON WARRIORS



CONSTRUCTION DEPARTMENT GARAGE



DISPENSERS OF HARMONY—THE POST BAND





And The Girls Did Their Bit

YES, they did their bit, and the work that constituted their bit was of such staggering proportions that it has not been possible to gauge its volume.

But this is not to be a resume of the work done, for whether it be Proof, Property, Service, Finance, Military—or what not—truly they had a part in it all, it is to be a story of the indomitable spirit of the girls who acquitted themselves like soldiers, who worked with a song in their hearts and laughed at obstacles.

When a big gun at the front barks, a little girl, somewhere in the great maze of offices, is recording with unerring fingers the result of the test; and when an officer becomes responsible for a waste paper basket or a truck train, it is a little girl who makes up the invoice or transfer. It is another girl who converts into phonetic characters the almost unpronounceable technical terms concerning ordnance material. And when Major or Captain or Lieutenant wishes to dictate the first indorsement—

or the forty-first—she is ever on the job, doing her work faithfully and well.

The working day of the young ladies of the Post is conspicuous for absence of “pink tea” environment. It has meant accommodation trains, jitney busses and army trucks for transportation to and from the Post, and in the earlier history of the Proving Ground, it has meant cold lunches and cramped quarters. But the girls have smiled and worked on, thinking not of themselves but of their country—and their flag. She is worthy of the highest tribute we can pay her, but she does not ask it. To her it has not a matter of emolument but pure patriotism.

When bayonets have been moulded into scythes and giant guns adorn the avenues of parks, the part women played in winning the world war will still be remembered; it cannot be forgotten, for theirs are the hands that have compiled the record of the great program they helped to carry out.



TROOPERS TRIED AND TRUE

The list below gives the names of the girls and the departments in which they served.

Ahern, Geneva V.—Service	Hanna, Mary H.—Property	Pollick, Catharine J.—Instrument
Ahern, Ruby K.—Correspondence	Hart, Lula Mae—Correspondence	Poplar, Mayfield B.—Record
Armstrong, Freda M.—Proof	Hartenstine, Marian—Finance	Powell, Mildred E.—Record
Armstrong, Nina G.—Telephone	Harward, Hattie C.—Correspondence	Prescott, Maude E.—Service
Aronstan, Anna—Record	Hayes, Emma E.—Instrument	Preston, Helen G.—Telephone
Aronstan, Tina A.—Personnel	Hemp, Lillian—Service	Preston, Lydia B.—Property
Bailey, Margaret F.—Record	Henderson, Gertrude I.—Storehouse	Preston, Nellie J.—Plumbing
Baker, Elizabeth—Field Auditor's Of.	Hendrickson, Dorothy G.—Proof	Pyle, Elizabeth—Purchasing
Barber, Violet I.—Record	Herriman, Elaine M.—Cost Time	Pyle, Verna M.—Traffic
Barrett, Dorothy V.—Correspondence	Hollinger, Frances—Finance	Railton, Helen M.—Construction
Barrow, Mary R.—Record	Horton, Jennie—Property	Ramsdell, Myra L.—Record
Beatty, Margaret N.—Record	Horowitz, Rachel—Correspondence	Rawhauser, Jessie B.—Service
Beatty, Catharine—Record	Hower, Pauline S.—Property	Rayce, Bethel M.—Cost Time
Bechtold, Louise A.—Finance	Hoyt, Helen—Property	Reynolds, Maude E.—Property
Bidgood, Annie M.—Correspondence	Hudson, Mary C.—Correspondence	Rimmey, Sylvia C.—Record
Black, Mildred I.—Correspondence	Hughes, Margaret—Service	Roszell, Eliz. L.—Property
Blackwell, Bessie—Record	Hyers, Mildred L.—Record	Rowland, Miriam I.—Correspondence
Bluth, Irene S.—Administration	Ireland, Blanche—Record	Russell, Helen—Instrument
Bollinger, Anna K.—Property	Iglehart, Elizabeth—Record	Saeger, Eva M.—Property
Bond, Myrtle—Record	Jeffery, Dora M.—Property	Saiter, Nancy M.—Property
Bonham, Ruth E.—Property	Jenkinson, Eliz. W.—Correspondence	Sanders, Hilda G.—Record
Brabson, Violet L.—Record	Jester, Myrtle P.—Record	Sanders, Vesta B.—Record
Brast, Elizabeth C.—Property	Joell, Agnes A.—Property	Sanderson, Anna M.—Record
Briggs, Marie E.—Construction	Jones, Louise—Record	Saul, Lillian—Correspondence
Brogan, Beulah K.—Telephone	Keen, Annie T.—Property	Scalia, Nettie C.—Proof
Brown, Helen L.—Cost Time	Kellen, Pearl V.—Property	Scheuch, Carrie—Record
Brown, Madeleine—Property	Kelly, Anna M.—Record	Scobey, Mary A.—Property
Brown, Mildred A.—Property	Kelly, Helen M.—Record	Seegar, Lena—Record
Bull, Clara M.—Record	Kepner, Marguerite—Property	Seymour, Norma—Correspondence
Bullman, Martha—Correspondence	Kilmon, Verna W.—Personnel	Shaw, Hilda E.—Finance
Burgeois, Exia E.—Property	King, Paul V.—Correspondence	Sheats, Alinda—Field Auditor's Of.
Burlingame, Florence—Ordinance	Kleiberg, Selma—Correspondence	Simpson, Emily F.—Construction
Calwell, Eva C.—Telephone	Langford, Leona E.—Administration	Smith, Goldie M.—Telephone
Carney, Susie M.—Record	Lauder, Ruth I.—Personnel	Smith, LaBerta—Record
Carr, Frances C.—Property	Lawder, Ruby C.—Mimeograph	Smock, Jane B.—Correspondence
Carr, Evelyn I.—Record	Lillien, Ethel H.—Record	Stevenson, Margaret—Service
Chalifoux, Dorothy—Proof	Loftus, Lesbia G.—Record	Stinnett, Jessie M.—Property
Chappelle, Mary A.—Correspondence	Mahony, Madeline M.—Property	Stocksdale, Irene C.—Property
Chrismon, Clem J.—Property	Mahar, Katharine A.—Property	Sullivan, Marie—Property
Clarius, Lisette—Personnel	Masemore, Zelma G.—Record	Sutliff, Maude—Property
Clarke, Lucille A.—Record	Mason, Lillian G.—Property	Spicer, Ruth G.—Mimeograph
Cochran, Margaret M.—Record	Maust, Esther A.—Field Auditor's	Terrell, Anna G.—Service
Coniglio, Elsie V.—Cost Time	Meglemre, Blanche L.—Property	Terry, Alice M.—Record
Cook, Pauline K.—Property	Menke, Mary E.—Instrument	Thompson, Mabel—Record
Crissman, Maud—Proof	Miller, Annabel—Record	Tapscott, Sara—Construction
Crissman, Marion—Record	Mitchell, Julia A.—Construction	Todd, Isabel C.—Record
Crowl, A. Helen—Property	Monks, Bessie M.—Proof	Toomey, Mae—Record
Currier, Mary A.—Record	Monks, Eliz. L.—Property	Trabert, Martha C.—Property
Dametz, Florence—Record	Montgomery, Anna E.—Property	Trowbridge, Mabel—Record
Davis, Minnie—Proof	Moore, Geraldine—Personnel	Tydings, Naomi—Record
Dean, Geneva—Property	Moore, Dorothy R.—Construction	Tyson, Rosa F.—Purchasing
Dowling, Nellie V.—Correspondence	Morgan, Florence V.—Construction	Vanden Burg, Nancy—Service
Dowling, Hazel—Balance Stores	Morris, Hazel E.—Correspondence	Vermere, Hazel N.—Record
Elsner, Belle—Service	Morton, Grace E.—Record	Vogts, Wilhelmina—Property
Elsner, Ruth C.—Record	Muston, Bertha P.—Finance	Vogts, Leila—Personnel
Engel, Martha—Cost Time	McDonald, Lorraine E.—Property	Walling, Ethel M.—Instrument
Evans, J. Winifred—Property	McDonald, Maud A.—Instrument	Wallis, Flossie M.—Stationery
Fleet, Olga D.—Record	McGuire, R. Anna—Record	Webster, Florence—Mimeograph
Foster, Eva M.—Instrument	McLaughlin, Gertrude—Record	Wenger, Gladys I.—Ordinance Board
Gaffey, Beatrice M.—Instrument	McPherson, Mildred E.—Property	Westmoreland, Ethel—Traffic
Gehringer, Catharine—Property	Nelson, Fannie R.—Service	Wimer, Dorothy G.—Correspondence
Getty, Anne D.—Record	Newcomb, Selena W.—Ordinance Bd.	Woehel, Ada L.—Property
Gibson, Ruth H.—Record	Nix, Maryland B.—Correspondence	Whitehead, Eva A.—Property
Gibson, Lillian—Finance	Noonan, Marguerite—Record	Grabill, Mabel A.—Property
Gilbert, Helen R.—Instrument	Odell, Evelyn M.—Finance	Dace, Helen—Traffic
Grasmick, Irene—Correspondence	O'Keefe, Elsie—Correspondence	Davis, Nettie L.—Finance
Greenbaum, Helen M.—Correspondence	Olsen, Amy E.—Record	deBlois, Mary A.—Finance
Grovenstine, Gladys M.—Property	Osborn, Esther—Record	Cole, Grace A.—Record
Haber, Mary—Property	Packard, Jane J.—Cost Time	Morse, Winnogenne—Property
	Pierce, Helen M.—Purchasing	



The Post Office

Major C. C. Gordon
Lieutenant Charles Brainerd
Ordnance Sergeant M. G. Evatt

Corporals—
Homer R. Ellis
Alexander Hamilton
Rudolph Bieze

Privates 1st Class—
Huber Stephens
John Stiez
Fred Hubbs

Privates—
George A. Anunciato
John Bethelman
Arthur Jewell
Matthew Kunzig

TO relate the growth of the Proving Ground without giving at least a brief sketch of the rise of the Post Office, would give but an incomplete account of the events that go to make up this most wonderful ground in the world. A resume of the building up of this important part of the Proving Ground is therefore in order.

What has kept up the morale of our boys both at the front and in the camps? Was it not the letter of cheer from home? Did not that short but sympathetic note from sweetheart bolster up your spirit after a day of strenuous labor? Are you not down cast, after a day well spent for democracy's cause, to find that the mail man has overlooked you? Yet some will say that the Post Office has not played an important part in winning the war.

Realizing therefore that if they were to keep in touch with the pulse of the nation, the Administrative Officers knew they must have an

efficient postal system. Their choice for such an important position fell on Major Charles C. Gordon. What Major Gordon accomplished in but few months showed that those higher up had made no error in their selection.

Foreseeing the growth of the camp, Major Gordon bent his every energy to obtain suitable quarters, and a force of enlisted men who could work in harmony. After much time and thorough search the present corps of men were chosen.

What a change wrought in less than one year! January, 1917, saw the mail carried from Aberdeen, a single pack full, by one of the boys. Then came the horse and wagon, until today a modern auto-truck is taxed to its utmost to haul the daily mail. One year ago two men were capable of handling the mails; today 15 are employed. From a mere handful of letters, the number has increased to thou-

(Continued on page 195)



"FILLING HER UP"
POWDER CHARGE FOR A "BIG SAMMY"



"READY FOR ACTION"
9.2 HOWITZER



"CLEAR THE RANGE"

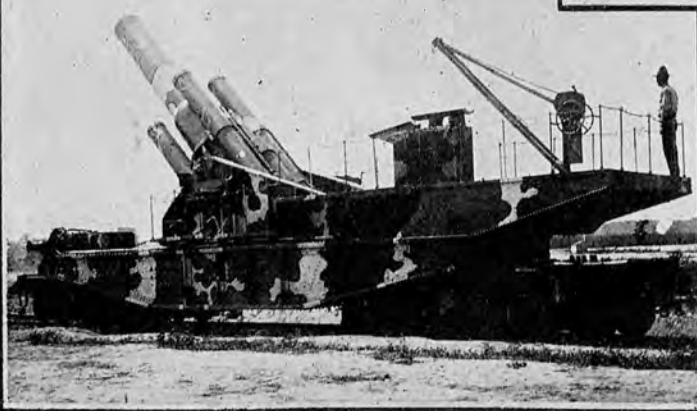
155 MM. HOWITZER



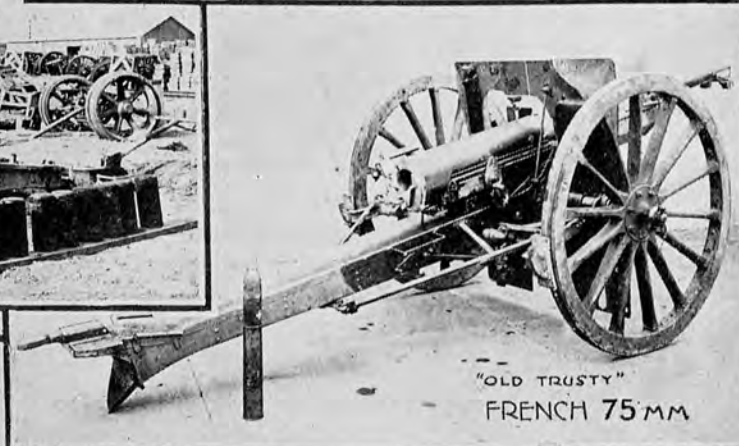
SET FOR GREATEST RANGE
155 MM. HOWITZER



"TO FOLLOW THEM UP"
16 INCH RAILWAY MOUNT



"OLD TRUSTY"
FRENCH 75 MM



RAILWAY MOUNT
SHOWING PORTABLE BASE





THE POST PLAY

FROM the welcome at Wilmington, where the Post Play had its premiere Thanksgiving Day, to the reception tendered the boys of Aberdeen at Washington, Baltimore, Philadelphia and New York City, is history. The newspapers of the cities have brought back to camp, day by day, the record of the hit our husky "chorus girls" have made. As THE BIG GUN goes to press the show is completing its fifth week on the road, the second at the Lexington Theater, New York.

Thanksgiving Day "Who Stole the Hat" made its bow to the public, but, back of opening night, from the week preceding the declaration of Armistice until the curtain went up in Wilmington, behind the scenes here on the Post, the month of November was big in event. From the moment official sanction of the Colonel was secured, with the appointment of the committee each hour of the twenty-four was crammed full of action for the personnel of the newly created "Show Company."

On November 1st Lieutenant Wm. M. Hough, accompanied by Sergeant Ball and Private Kaufman, descended upon the Rialto. Returning three days later they brought with them one of Broadway's prominent directors, Jack Mason, whose cocky derby and cloth-top, patent leathers were soon to become a familiar sight twinkling up and down the highway of the camp. On the evening of Monday, November 4th, to Mess Hall 7 from Main Proof Battery and Water Range, from company orderly room and the office of the Quartermaster, from the Post Hospital and the counter of the Post Exchange flocked the talent of Aberdeen, to be passed on by Director Mason. Twenty-four hours later, in Mess Hall 5, rehearsal was under way.

It is not possible, within the limits of this brief tale of the play and the players, to trace the evolution from soldier to "chorus girl" that took place within the walls of No. 5, under the skillful tutelage of Mason. All day long, and far into the night, Sergeant "Jimmy" Kerns of the Band presided at the piano; all day long, and hours after Taps had sounded, the boards of the ex-mess hall creaked beneath the tread of formations never down in I. D. R. Gradually, around the skeleton of the musical num-

bers, dialogue and "business" was built; the leading man, Private Thomas Fairclough and the "prima donna," Corporal George Gunn of the Medics, "Mrs. Hicks" by Sergeant Means—soon had their parts well in hand.

In the meantime the officers appointed by Colonel Phillips had their hands full. Captain Rodgers, Lieutenants Hough, Degnon and Drexel initiated the campaign to secure the funds to finance the enterprise. "Who Stole the Hat" was to be launched in style. With Broadway itself as the ultimate objective, all the trimmings of a Broadway show were on the schedule. How well the officers performed their part, the support given them by Plum Point—these form an epic in themselves. The pages of RAPID FIRE carried the story at the time.

Herewith the roster of "The Show Company":

Committee—Captain W. S. S. Rodgers, Jr., Chairman; Lieutenant A. J. Drexel, Jr., Treasurer; Lieutenant Wm. M. Hough, Manager; Lieutenant P. J. Degnon, Business Manager; Major Bandholtz, Major Lindh, Major Campbell, Captain Page, Captain Hendricks, Captain Baker, Captain Metcalf, Lieutenant French, Lieutenant Lawyer, Lieutenant Kent, Lieutenant Sharp, Lieutenant Vaughn, Lieutenant Darby, Sergeant C. I. Ball, Sergeant Joshua S. Sarasohn, Sergeant J. W. Galland, Corporal Louis W. Nuse and Private D. M. Kaufman.

Characters

Madame Sherri	Private John J. Wallace
Andre Sherri, her son	Private Thomas Fairclough
Nanette, his sweetheart	Corporal George Gunn
Hiram Hicks	Private J. M. Cohen
Mrs. Hicks, his wife	Sergeant W. K. Means
The Honorable Marmaduke	Sergeant Hugh Roden
Pierre Poupox	Corporal Harold Osmun
Commercial Traveller	Private Abe Kapner
Babette	Sergeant Oliver Hunter
Annie	Sergeant Earl W. Spencer
Reverend Tweedledum	Private Sam Cella

Ponies—Sergeants Thomas F. Swick, Oliver Hunter, Earl W. Spencer; Cook Valentine V. Simon; Corporals John Voll, Isadore Cion; Privates William W. Richards, Harry Mahan, Murray Rosenfield, Carl Limon, I. Leonard Kunis, Miller T. Pence, John J. Shea, Maurice J. Dunn, Harry A. Foster, Howard N. Perrin, Leroy Dontigue.

First Show Girls—Sergeant Walter J. Johnson; Corporal Frank Cox; Privates Paul R. Mealey, Michael K. Schappert, Robert B. Goodwin, Edward A. Walker, Guido Vogel, Joseph P. Lavelle.

Second Show Girls—Corporal Frank J. Lawler; Privates Albert R. Morgan, James F. Jearns, George Rose, Irving H. Engber, Walter Miller, John Castle, Anthony F. Praety.

Men—Sergeants Hugh Roden, William Condon, Isadore Sunberg; Corporals John F. Hughs, Terry J. McHugh; Privates Edward A. Fennel, Edward Dawson, John J. Hughs.



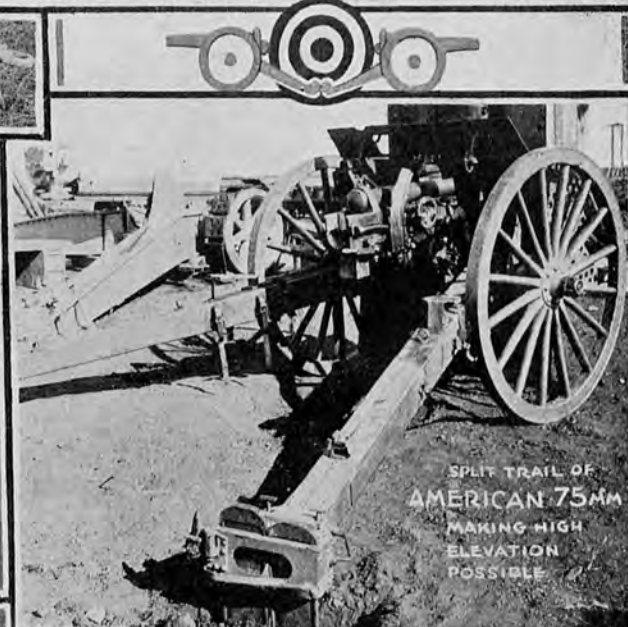
REAR VIEW
75MM GUN



BRITISH TANK
DEMONSTRATING AT
ABERDEEN PROVING GROUND



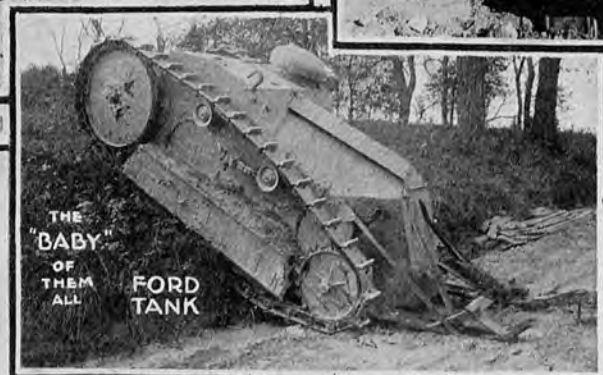
CRATER MADE BY
BURSTING SHELL
DIAMETER - 41 FT.
DEPTH - 17 FT.



SPLIT TRAIL OF
AMERICAN 75MM
MAKING HIGH
ELEVATION
POSSIBLE



MOTOR MOUNTED
ANTI-AIRCRAFT
READY TO FIRE AT
90° ELEVATION



THE
"BABY"
OF THEM
ALL FORD
TANK



"HIDDEN
DANGER"
CAMOUFLAGED
RAILWAY MOUNT



The Mission of The Big Gun

IN the official files at Washington, when the final records have been written, he who seeks may find in unromantic figures the tale of Aberdeen. Ours has been no task in the limelight, but rather one of achievement by application to the severe and exact—far from the fields of glory. But we have done our bit, and, despite the fact that reminiscence can bring no glamour of battles fought or sallies across no man's land, have given a part of our lives to the Cause. That in years to come we may look back and have evidence of our service here, THE BIG GUN was conceived.

Thrown together in the intimacy of the barrack, from all quarters of our country, merchant and mechanic, clerk and scholar, the man of learned profession and the horny handed son of the soil have met on an equal plane. In the melting pot of olive drab we have learned anew to judge a man apart from his environment. The lesson of Democracy—*truth* to our fathers, a *truism*, almost, to us—has been taught us afresh. We have probed beneath the surface of things in our life here at Aberdeen. That we may not forget, that there shall be a lasting remembrance of this year to carry forth with us into the world on that day, not so far distant now, when the old life beckons once more—THE BIG GUN has been written.

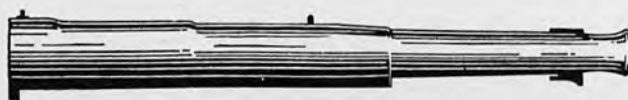
Here, within the covers of this book, as Time travels on his way and the Youth of today climbs the hill of life and then drifts slowly to the shadows, ever fresh as on the afternoon he mounted the stand up at the Parade Ground, he can see himself in the midst of the men who shared the long year with him. Here, caught by the camera as it stood in the last month of the war, will unfold before him the panorama of the Proving Ground; the guns along the front, the company streets, some grotesque but business-like tank, the spread of the Handley-Page that crept droning over-head as he went about his duties at the Main Proof Battery or in the orderly room of his company.

Here the older man of a score of years from now can read the names of his bunkies and refresh in memory, by association with the pictured faces of his comrades, many an incident of the days when he wore the O. D. of his Country. Here the tale of his company, told in the spirited, unstilted phrase of some companion of barrack and mess hall, will greet him. Here he can review and point in pride to some bit of department history written by his old C. O., a sincere and unaffected account of service rendered.

We are proud of the Proving Ground, with somewhat of the pride that one takes in the thing he has created. The Post as it stands today is the handiwork of every one of us whose name appears upon the roster of A. P. G.'s personnel. In some fashion each has contributed to the whole, nor—when the final score is cast—will you find one who would deny his part. We are proud of service given in such manner as our Country saw fit to bid us serve, of the work we did and the fruits of our efforts.

If, in years to come, THE BIG GUN brings back to us the sentiment we keep within our hearts today, it shall have fulfilled its purpose. If, in addition, it may be concrete proof to those whose knowledge of the war will be only hearsay that we also were a factor to the greatest event in all time, although not upon the firing line, those of us who conceived and planned and brought the book into being will have builded, not better than we *hope*, but better than we *know*.

J. S. S.



Top Row—Corporal Butler, Sergeant Hitchcock, Corporal Acheson, Sergeant Sarasohn, Private Wady. Second Row—Corporal Nuse, Sergeant White, Sergeant McCarthy, Corporal Kent, Sergeant Williams, Private Petersen. Seated—Captain Baker

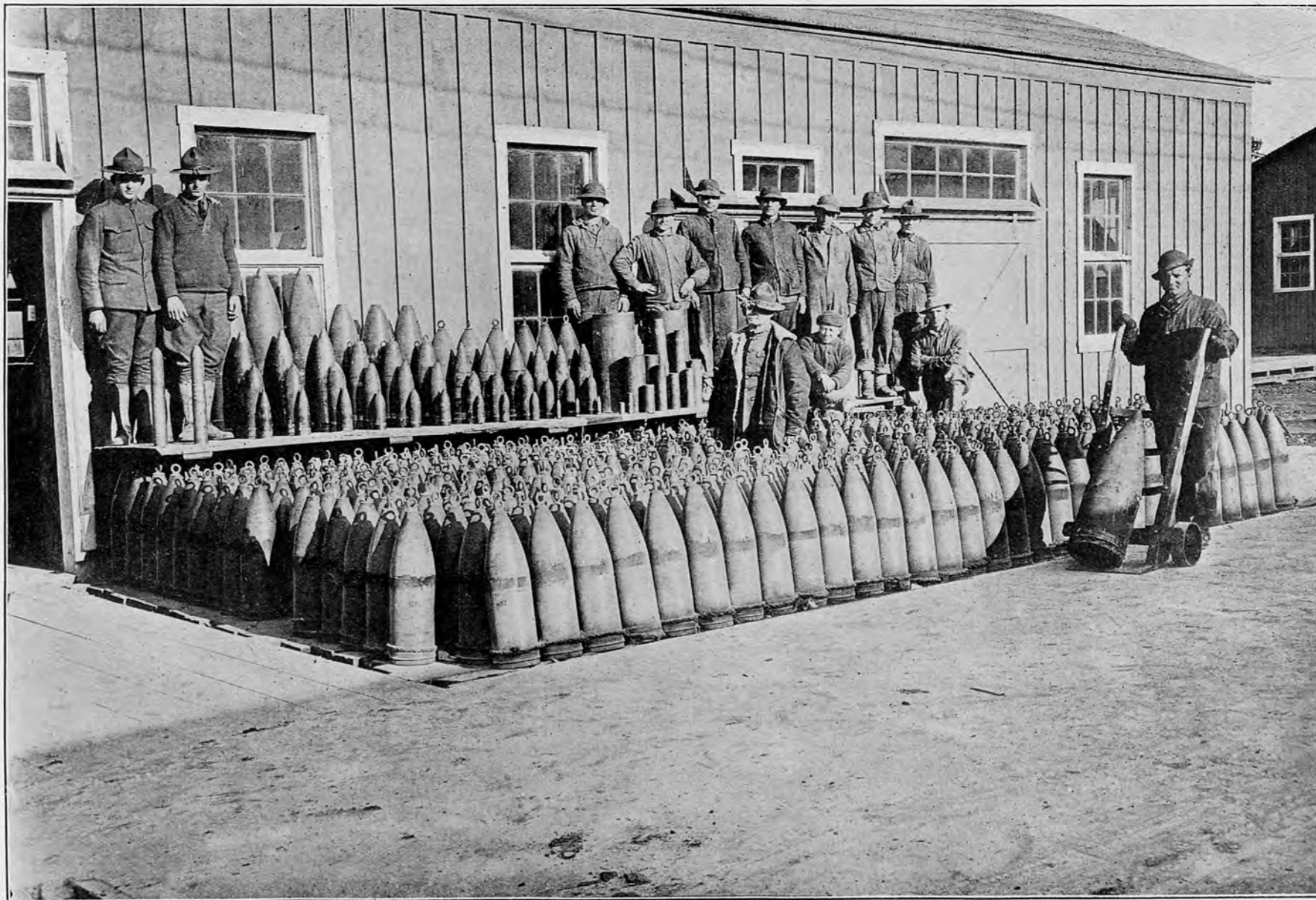
The Story of Rapid Fire

Editor—Sergeant Leon J. McCarthy, D Company
 Associate Editor—Sergeant Joshua S. Sarasohn, Q. M. C.
 News Editors—Sergeant M. Clark White, Headquarters Company.
 Sergeant C. M. Williams, Headquarters Company.
 Art Editor—Corporal Louis W. Nuse, K Company.
 Business Manager—Sergeant J. B. Hitchcock, Headquarters Company.
 Circulation Manager—Corporal Lester L. Butler, Headquarters Company.
 Publication Manager—Corporal James H. Kent, M Company.
 Printers—Corporal Edward J. Acheson, D Company
 Private Charles Peterson, C Company.
 Private John Wady, D Company.
 Censor—Captain G. Harold Baker, Adjutant.

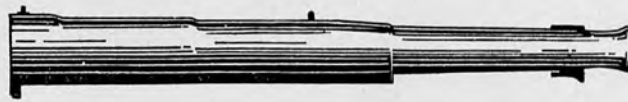
It was back in the bleak days of March, over a salamander in Barrack 11, that three hardy spirits foregathered and debated the proposition of founding a Post paper. Sergeant William Fields (then Corporal), Sergeant Joshua S. Sarasohn and Corporal James Kent (the last elevated to the stripes since that memorable

evening) constituted the triumverate of adventurers upon the sea of journalism at A. P. G. To the standard of the originators of the Big Idea, shortly thereafter, came Privates Manuel (Sandy) Teichner, Rob Setchanove, Lou W. Nuse, Leon J. McCarthy and Edward Acheson.

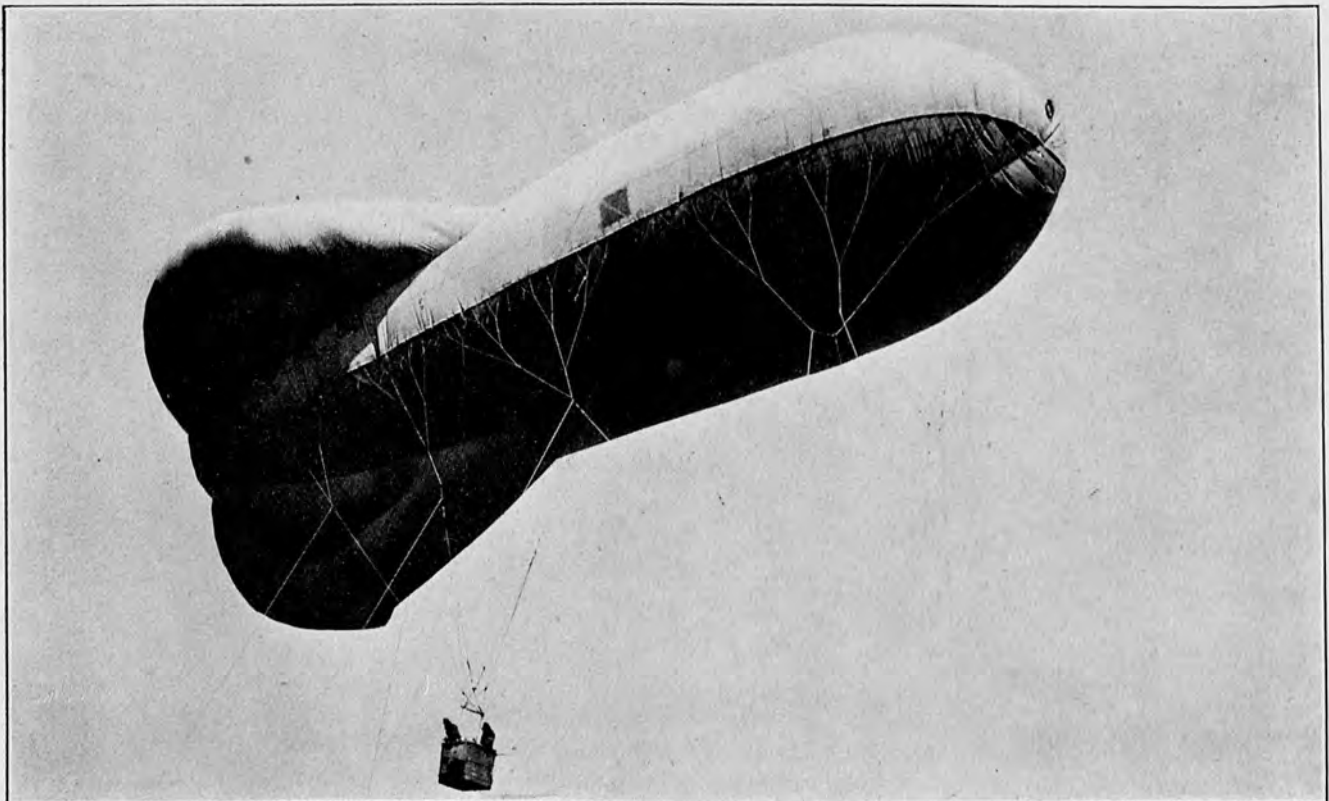
(Continued on page 202)



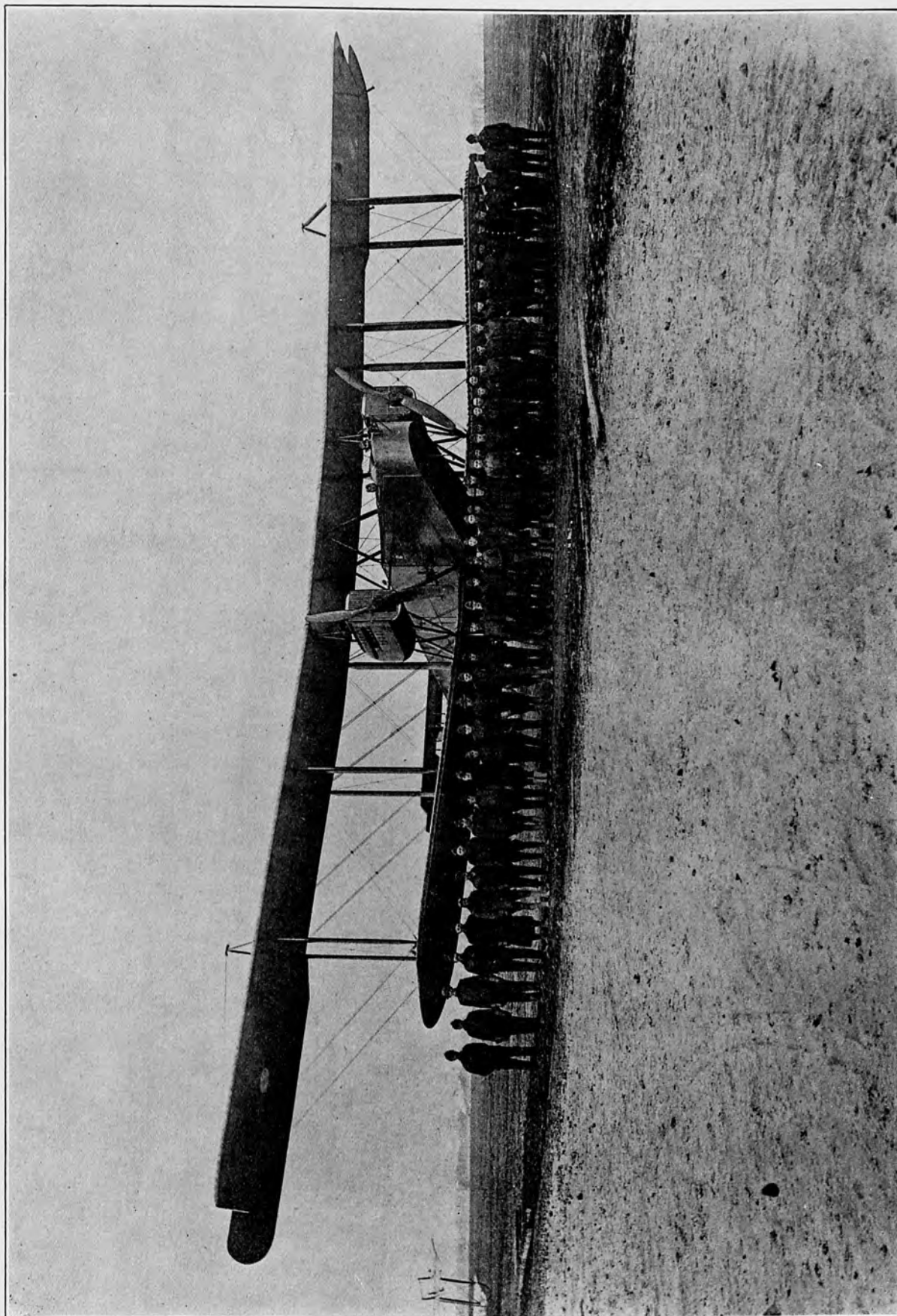
SHELLS FILLED WITH TNT, AMATOL, SHRAPNEL AND SLUGS—THE KIND THAT FORCED THE KAISER TO MOVE INTO HOLLAND



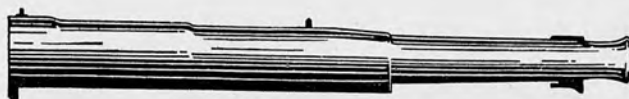
A. W. O. L. For Photo Call

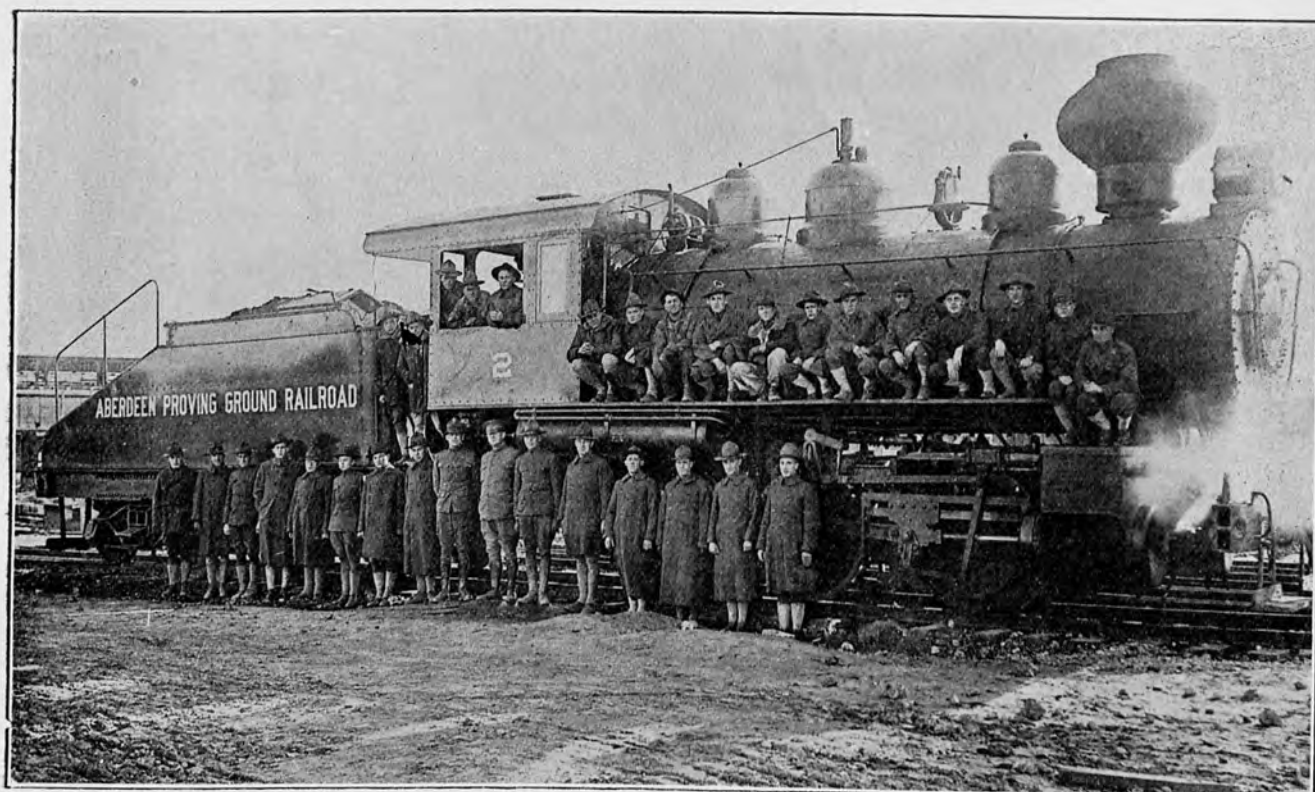


CAPTIVE OBSERVATION BALLOON, 128th BALLOON COMPANY

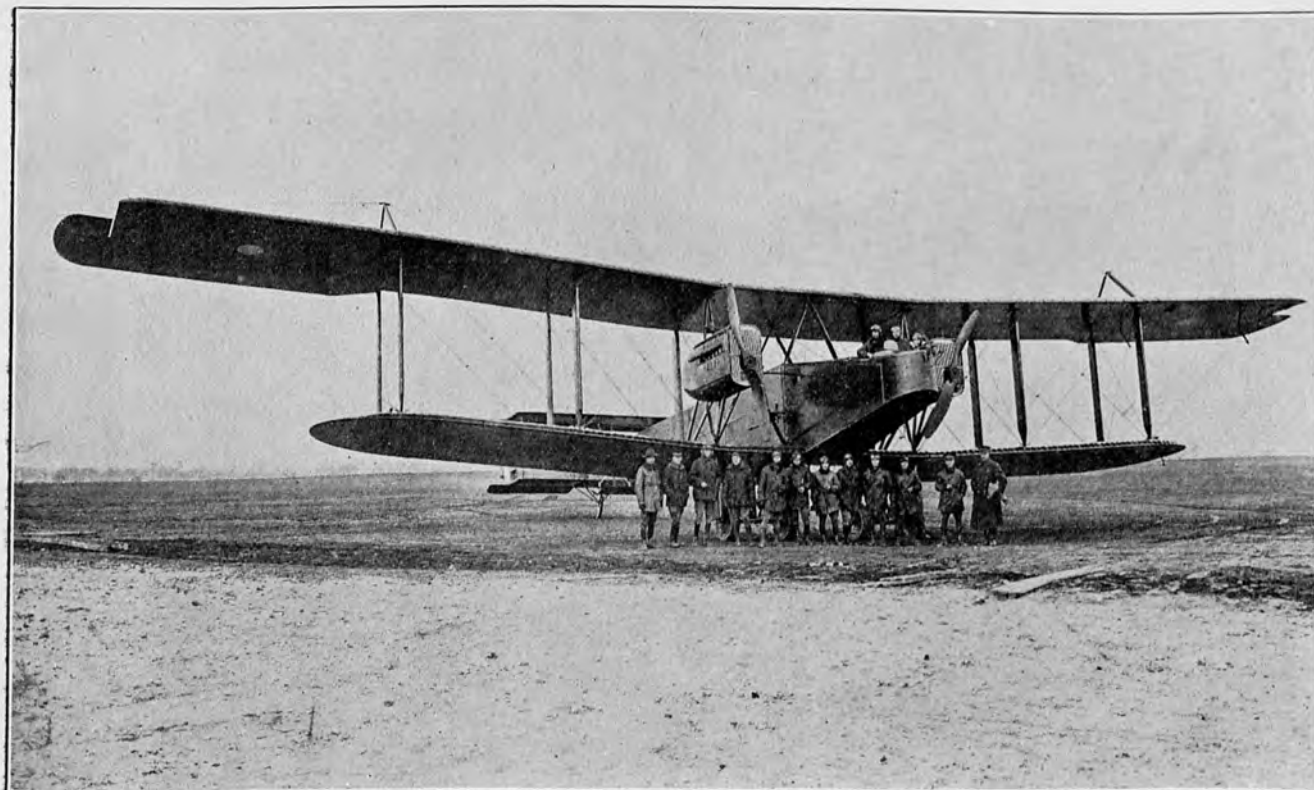


ONE OF THE TWO HANDLEY-PAGE MACHINES IN THIS COUNTRY. ALSO THE MEN WHO HANDLED IT AT A. P. G.





THE BOYS THAT TOOK US TO AERDEEN WHEN WE COULD GET AWAY



REAL FLIERS. THEY WOULD HAVE LOOKED WELL AT THE FRONT



POEMS OF THE PROVING GROUND

TO MY BUNKIE—WHO WAS

We slept in the same old barrack,
And his bunk was next to mine—
When Reveille
Came—at peep o' day,
We both tumbled out for the "line."

We messed in the same old mess hall,
Stood in chow-line, outside o' THREE,
In all kinds o' weather
We two were together—
My Bunkie who was—and me.

He staked me many a four-bit piece
When they hit me hard in the game,
And each loan he made
I have often paid,
When they had him strapped the same.
He giggled at Muster, one morning,
And the C. O. thought it was me—
And handed me "ten
In the kitchen," then,
So—I did my Bunkie's K. P.

Now, I'd do a year in the kitchen,
The guardhouse, for him—if we
Were only back
In the old shack—
My Bunkie—just him and me!

For he's gone—I'm feelin' rocky,
I wish it was me, instead—
And I miss him—O—
More than you can know,
My Bunkie who was—is dead!

J. S. S.

MY WRIST WATCH

Last week I bought a wrist watch,
It wasn't very dear;
It set me back a dollar bill,
'Twas guaranteed a year.
I think I got a bargain
From Ingersoll & Co.,
It's gained six months already,
And has but six months to go.

J. H. K.

BUNK FATIGUE

Chow is over—through for the day—
Gee!—but it's been a bear!
Did my bit out front and—say—
Retreat was as welcome as flowers in
May,

Me for the good old bunk, the hay
Looks mighty good, for fair.

That shower, boy!—Now let 'er drip—
The cold tap—that's my speed,
A-r-r-r, chilly, what?—You bet! Puts
zip

Into the old man.—One more trip
Under the needles—take my tip,
Bunkie, and follow my lead.

Ho for that little sack o' Bull—
Roll 'em with either hand—
Gimme a match, pard, one good pull,
Fill the old bellows and fill 'em full,
(This stuff is yard wide and all wool)
A-h-h-h—boy!—Aint it grand!

Down on the blankets, a book, old
lad—

I'm a son of the restful league—
Others may seek in some restless fad
Pleasure—but mine is more easily
had,

A pill and a book, on my bunk, aint
bad—

Sing ho for Bunk Fatigue!

J. S. S.

SUBTILE STUFF

The light in Her eyes
Never dies;

The roses in her cheeks
Fade not with the Winter
And her smile

I liken unto a tropical sunset.

Her poise is always the same.

She is ever dear

To me—

Yet I do not know her name.

She was painted

By Harrison Fischer.

C. M. W.

THE ROOKIE'S LAMENT

Ain't got no buttons
Ner thread,
No helmet to cover my head,
No sweater, knit,
Ner comfort kit—
Red Cross mus' think I'm dead.

C. M. W.

NUH-HUH! NOT ME!

Cos I aint sayin' Ah wont do,
Jes what ma Country wants me to
But Dah's one job Ah fo'see,
Aint gwinter "tach itself to me—
Nuh-huh! Not me!

Dat's dis 'ere Ahplane-stuff. No Boss,
Ah'll Beah some other kin ob Cross,
Lak drible a Mule, er tote a gun,
But Ah aint fliting wid no sun—
Nuh-huh! Not me!

Ef Ah mus do de loop-de-loop,
Let mine be round some Chicken
Coop;

Ah aint gwine up whar de crows
Kin say Ah's stepping on dey toes,
Nuh-huh! Not me!

It sure look sweet, Ah don' deny
Ter go a-oozin' roun' de sky;
But dat's for folks dat's in de mood
Ter pass up love, an gin up food,
Nuh-huh! Not me!

Down heah Ah fus' saw light ob day;
Down heah am whar I'm goin' to
stay,

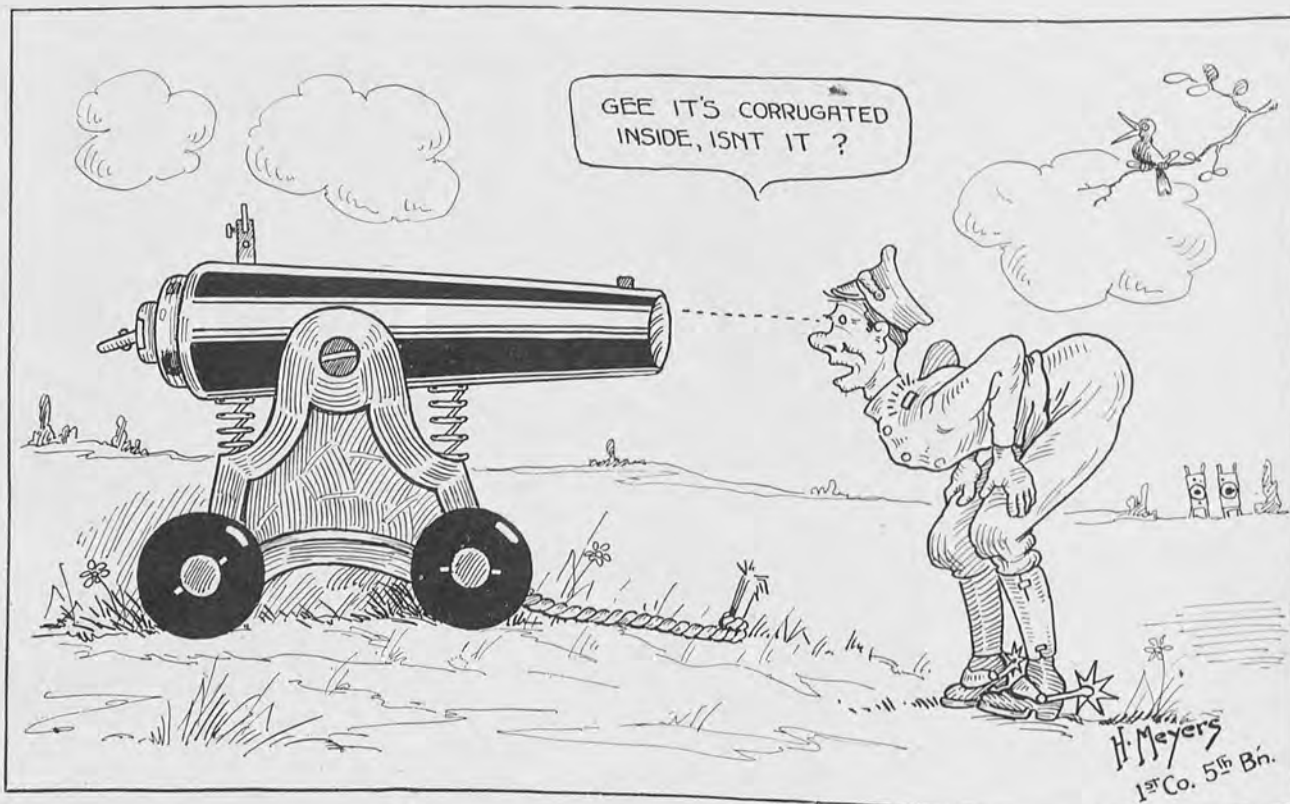
Folks, Ah don care ter hab mah feet
Git to blame proud ter press the
street,

Nuh-huh! Not me!

So Ah'll jes wait till Gabr'el brings
Dem good old-fashioned reg-lar
wings;

Den as Ah pass dem Ahplanes by,
In pity Ah'll look down an sigh.
Nuh-huh! Not me!

A. E. W.



Overheard at Plum Point

New Sergeant: Is Major Bandholtz a Coast Artilleryman?

Old Sergeant: If you value your office, don't ask him—.

* * * *

Impossible Question—

Where did Lieutenant McGuire spend his Christmas leave?

* * * *

First Loot: Who paid Captain Cryder's mess bill?

Second Loot: That's an open question.

* * * *

Captain Cryder: Have you heard the latest? Well, my Chief Clerk says that a friend of his told him that he heard that the Aberdeen Proving Ground, etc., etc.

* * * *

Captain Boley: I think General B—— is a capable officer.

Lieutenant Mitchell: Yes, he always spoke very well of you.

* * * *

"Full of Beans"—That sounds like a certain officer we all know.

* * * *

Boots: Who owns the B. and O.?

Spurs: Captain Cryder, Lieutenant Dawson or Lieutenant Mitchell, don't know which.

"Allan," the tip-toeing slick sleuth and vice hunter, ex-cavalryman and soldier of fortune who has been known to defend himself valiantly,—single handed,—when attacked by wild and ferocious ducks.

* * * *

"P. O. P." Potts, the weird wielder of the saxophone and father of the Post "Jazzers," who can give a benefit dance for the band, turn over \$37.00 to the Regimental Fund as its share of the proceeds, together with a bill of \$78.42 for music.

* * * *

Introducing Lieutenant "Hairy" Herman, the accountability fiend. You can charge almost anything to him, fire engines, stables, wagons, garbage cans, prisoners, laundries, bakeries and sundry items.

* * * *

"Cockran," ex-member of the Aberdeen Cavalry, disqualified for being overweight, now batting .421 as Post Ordnance Officer and whose chief worry is to find some nice officer to sign up for seven saw mills, is still up and around.



Laird (dictating memoranda to Battalion Commanders—"Battalion Commanders will instruct all—you know, Mac, this girl has me guessing—organizations under their command—she's a regular little wild heathen—that hereafter—she's broken another date with me now—there will be no repetition of etc.

* * * *

Do you remember who said:

Nothing over the ears except a hat.

He would make a fine lineman on a wireless telegraph system.

I'm telling you that you are supposed to pass the buck down and not up.

You'll have to take your detail and dig those shells up. We haven't perfected the device for makin' 'em return under their own momentum yet.

Suppose the recuperator don't recuperate or obdurator gets obstinate, etc.

Why don't you get Lieutenant Blank? He don't have a thing to do.

Bet you a dollar bill to a pint of paint you are wrong.

When I was in the American Ambulance Corps during the battle of . . . and a shell struck my car and turned it over . . . shaking my fist at the enemy I carried two wounded men to . . . a distance of four miles, etc.

Does anything beat five aces?

* * * *

Second Loot: Let me see, I will pay the mess assessment, thirty bones; mess bill, thirty bones; tailor, thirty bones, cigar bill, ten bones; dance assessment, five bones; Baltimore taxi bill, fifteen bones; flower and candy bill, twenty-six bones, and commissary bill, eleven bones—which makes me fifteen in the hole. This, with the twenty dad sends me, will leave me five for current laundry. Month after next maybe I can go to Havre de Grace to see a motion picture show.

* * * *

Command recently given during guard mount: "Eyes right—MARCH!"

Echoes from the past: "Around the water barrel—MARCH!"

* * * *

Lieutenant Goldbars: I notice that Captain Weidmann calls everything connected with the Q. M. C. mine.

Lieutenant Ranking: Well, it is good of him to take the blame.

* * * *

Captain, surveying his plate at noon mess, "Think I will mess with my men tomorrow, I really owe it to them to see that their mess is O. K."

The Sergeant forgot to put waste in his ears and was nearly deafened when the gun was fired. But the Rookie was impressed.

"Why don't you hold your ears?" he asked.

"Because," replied Sergeant Bluffs, "I have to listen to the gun to make sure the powder burns right.

* * * *

Some questions overheard at the front:

"Why is the inside of the gun corrugated? Is it to help radiate the heat?"

"When you pack the powder in the bags do you match up the grains so the holes are opposite each other?"

* * * *

Strange Accident (Extract from N. Y. Moon) November 31.—A two months old baby narrowly escaped serious injury today in a strange accident which occurred during the noonday rush at 42nd Street and 5th Avenue. Lieutenant Prewf, from the Ordnance establishment at Aberdeen Proving Ground, was carrying the child, when the traffic policeman gave the "Go-Ahead" signal by two blasts on his whistle. The officer dropped the child and grabbed his ears. The cause is not known.

* * * *

Lieutenant P. O. Potts, who stands about 6-foot 3 in his stockings, was making the rounds of the guard one dark night, on foot. He approached a guard and the conversation was like this:

"Halt, who's there?"

"Officer of the day."

"Dismount, officer of the day, to be recognized."

* * * *

Lieutenant Barker, all dolled up for a leave, was sitting at the Railway Mount section with three or four other officers. An officer approached the group and asked.

"Who's the fine-looking gentleman we have with us today?"

Barker, in his serious way, "Me?"

* * * *

Extract from the remarks of the gentleman from the south:

"We can take the equipment we have paid for and dump it in the bay, and use the soda-water we have bought to make the bay a beautiful mass of bubbling foam.

* * * *

Motion to adjourn is made and seconded.

"All in favor, say Aye."

Loud chorus, "Aye!"

Everybody starts to beat it.

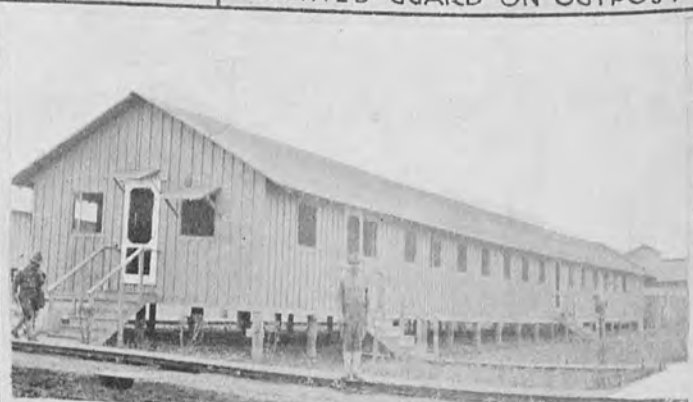
Loud and wild voice, "Mr. Chairman, I rise to a point of order."



"TWO SAMMIES"
MOUNTED GUARD ON OUTPOST



WHERE THE
"HOME FIRES" BURNED



"PALACE of SNORES"



PERSONNEL SECTION
"PAYROLL MANIPULATORS"



PART of OUR CITY WAS
TENTS



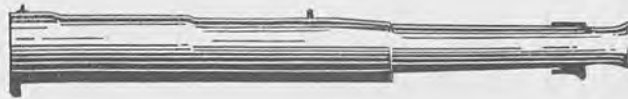
FALL IN FOR MESS



PARADE GROUND - FORWARD-MARCH



A.P.G. PATROL BOAT "KUMAGIN"



Between Retreat and Reveille

Obvious

Private John J. Hoffman, who hails from Brooklyn, N. Y., has named his pair o' mules "New York" and "Brooklyn." The reason is obvious—one is always about eight laps ahead of the other.

* * * * *

He Was A Bucko Then

Characters: Lieutenant Stephen K. Rapp (then a gay "buck")—Ex-attorney.

The Curious One.

Q.: Whatcha' doing these days, Rapp?

A.: Handling cases—at the Assembly Shed—powder-cases.

* * * * *

They Know Better Now

Private Ferguson and Lance Corporal Sheer were sitting in front of Havre de Grace's one and only sody-fountain emporium, the other night, when—we have this on the authority of Corporals Al Ricketts and Pat Banem—an Atlas Powder guard from Perryville passed by. Snapping into attention Fergy and Sheer gave the "high-ball."

"Thought he was an admiral or sumpin'," says Fergy. "And that aint the worst yet. Sheer and I did the honors to a imposing gent at the station who turned out to be the village cop.—War is——."

Up Against It Right

DePietro (On Guard):—"Halt!—who go there?"

Second Lieutenant, coming to stop:—Friend!

DePietro: Halt!—who go there?

Second Lieutenant: You darn fool, I told you it was ME, an officer. What are you going to do now, Son of Italy?

DePietro: Me don't know. Boss he say halt 'em three times, then shoot.

* * * * *

It Can't Be Done

Lance Corporal Miller, giving out the rifles—"All of you men without arms hold up your hands."

* * * * *

On The Job

They tell this on O'Sullivan—Sergeant now—rookie then.

O'S.: Who goes there?

The Other Fellow: Member of the Guard.

O'S.: Advance and give the counter sign.

The other Fellow (indignantly): I have not the countersign.

O'S.: Well, begorrah. not shtep do ye shtir till ye say "Camp Dix."

The Other Fellow: Camp Dix.

O'S.: Right. Pass on.



Camp Life.



GETTING
READY FOR
INSPECTION.



- Cohen. -



Not in use
here. -



Section of a photo Taken
of a dish of ham and -
beans, magnified 10
Times. Arrow shows
ham partly concealed
under bean.



NICE COOL
WATER.



Soldiers dream. -



- The boys
best friend ?



Because his clothes don't always
fit - does he blame the supply
Sarg. Oh no, he agrees
with Sherman. -

- They go wild, simply wild over me. -



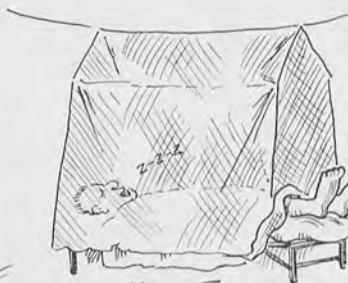
- Murphy. -

- When on pass the rookie
can hardly wait to get
back to camp.

ABERDEEN
Proving Gas
- 3 Miles -



And To Think I
did not believe
in Santa.



- Mosquito bar. -



- Alarm Clock. -



Harold
Meyers.

1st Co 5th Bn.



Genius

"Private Batchelder of Class 5" wrote the correspondent of R. R. A. Class 5, "has a great idea for making combustion of powder complete for any gun by putting port holes in the sides of the barrel so that the necessary air containing oxygen may be admitted. —Sergeant Dillard suggests an improvement, by fastening a rubber tube to one of these holes and letting the gun corporal blow air thru it."

—Rapid Fire.

* * * * *

What's In A Name!

Snow doesn't like the heat; Blocker is rather square headed; Lippi talks incessantly; Bean is full of starch; Hitchcock is bound to crow over one thing or another—but Ellicot never co't 'ell for anything we know of.

Headquarters Co.

* * * * *

The Letter To Her

"... and never does the maiden Moon in her refulgent glory glow above the storied shores of the chaste Chesapeake, nor the kine coo cloyingly in the willowy weeds to the cacaphonic chorus of the blatant bull-frog in the miry, mushy marsh, but my heaving heart hurdles hastily hither to..." Private Harry Yopp's evening message to The Little Girl Back Home.

* * * * *

Sergeant Field Assumes Office

Sergeant Field: Take right guide. "Tenshun!—Right dress.—"Tenshun! Front—"Tenshun! Count off. —"Tenshun—oh, as you were, my error, brother.—Squads right!"

* * * * *

The Nautical Q. M.

Once more the staccato of the good ship Gem wakes the nightly echoes as the stately prow of the dread-naught eighteen-footer cleaves the briny to Havre de Grace. And the doughty skipper, Sergeant (First class) Gordon, hums a sailor's chantey, which runs something like this:

"Thirty cents a gallon of gas—
Yo, Ho—and a quart will do,
For I'm headed straight for Havre de Grace—
Yo, Ho—o'er the ocean blue."

* * * * *

Says Schram

"I may be small," says Schram,
"An' I don't care if I am—
FOR I'M SOME FIGHTER!
I'll worry the Boche down to my size
AND STRAFE THE BLIGHTER!"

* * * * *

From The Bombers

Here's one from the West again—

Private Nolan landed a swell girl in Wilmington one week and piloted his conquest into a restaurant.

"Oh, I just adore caviar," she twittered.

Nolan, not to be outdone by Eastern intellect, calmly replied, "So do I,—aint he a swell singer?"

The Forgetful Bugler

"Great find that little eytalian," said Sergeant Hart. "Used to be bugler in the eyetalian army. Sometimes forgets which army he is in though, and blows things we never heard."

* * * * *

After Tattoo

Corporal Glatfelter: Hey there, you, wadye doing rattling that paper. Don't you know it's after Lights Out?

Meek and Humble Private: I'm only reading the newspaper, sir.

Corporal G.: Where do you get that stuff at—reading a paper with the lights out?

M. and H. Private: But this is The Evening Sun. Corporal J. N. Cohen, A Co.

* * * * *

Pay Day In The Army

Sergeant: All right youse fellers, line up for pay in alpherbetical order. Wat's your name, buddy?

Private: Phillips.

Sergeant: Well, wadda ya doin' back here in the middle of the line? Get up front there with F's where you belong.

* * * * *

Tell Your Troubles To The Editor

Dear Editor:—

Mothaw wants me to come home to her, now that this nawsty war is over. She was perfectly willing that I enlist and said so right after I was drawfted. However, she feels that now I should no longer associate with my rude companions. My refined and sensitive nature is too shrinking to stand such hardships. How soon can I get my discharge?

Private D. Elicate.

Dear Boy:—

Have mothaw write to the C. O. We are sure if the latter had been aware of your being in camp you would have been home long ago.

Editor.

By Corporal C. Bruce Earnest.

* * * * *

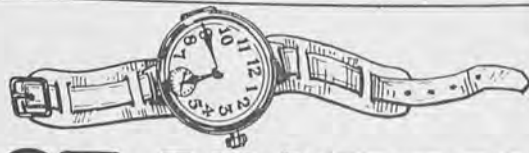
Who's Who

Cook Joe Smith tells us that Passaic, N. J., was the last place in which he stayed long enough to hang up his hat, for his meanderings on this old planet of ours have been far-reaching and varied. He has slung hash in more places in Europe than our poor minds can grasp, and it is no exaggeration to say that it was well slung. Smith has a most pathetic belief in the occult and when he was awakened at 2 A. M. one morning by some mysterious influence he solemnly assured us, afterwards, that the fairies had visited him and talked with him. He has an absolute belief in the existence of ghosts and things spiritual (as well as spirituous) and it is a most inspiring experience to hear him describe these astonishing activities. But we must confess that the most inspiring spectacle of all is to see him beside the stove, with maternal care watching the pies brown and so gladden the hearts of us poor mortals.

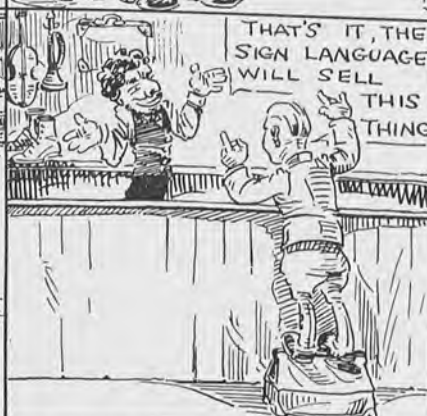
Corporal A. Bennett.

THE OLD ARMY

WHAT ARE YOU GOING TO DO WITH IT ?



WRIST WATCH



A FEW SUGGESTIONS



I KNOW RIGHT NOW WHAT I'M GOIN' TO DO.

WHY NOT LET LITTLE WILLIE HAVE HIS FUN?



DON'T GO HOME WITH ONE OF THOSE LUMINOUS FACES AT 4 BELLS AND TELL FRIEND WIFE IT'S 10 P.M. THE CLOCK WITH THE BIRDIE HAS NOTHING ON THIS TELL TALE.

LW/USE



On The Trail Of The Discharge

Private W. F. Gelabert

Synopsis: Profs. Schaub and Ward, attempting to solve the mystery of the Discharge agitation, suspect Desmond Trotsky and Feely, and find Von Hagle and Levine implicated in the plot to drug the officers with "Serum Dischagorum Speedissimus." They plan to foil the plot.

Chapter II

Said Prof. Schaub: "I feel so perplexed, I can't decide what to do. If we tell Lieutenant Tylee he'll put the bunch in the guard house, and that would spoil everything."

"And if we tell Top Sergeant France," said Ward, "he'd put them all on K. P. and they'd put that serum into all our food. They say Schulte used to be a 'fly-cop.' Suppose we call him in for his opinion."

So Schulte was called in, and advised them to continue their "watchful waiting" until something further developed. In the meantime a staff was organized as follows: Chief of Police, Abernathy; Sheriff, Davis; Chief Gunman, Greene; Psychologist, Wiener. The plan was for all six to take turns listening in at key-holes and hiding under bunks that they might overhear plots. It was also planned to have Ferris (who has the reputation of being a devil with the girls) bribe one of the telephone operators to let him listen in.

About this time two of the suspects had a scrap. It seems that Trotsky bet Desmond he could get some of the serum into the Colonel's hash. He was so sure he could do it that he gave odds of 5 to 1. Then, at the last moment, he weakened and tried to get out of it. Desmond, turning pale with anger, threatened to report him to the High Chief Fakir of the Band. At that moment Davis, who had been taking this all in, camouflaged as a gum-shoe, had to make a quick exit, as Eagle Eye Hart came in. In another moment he would have been seen and exposed.

In the meantime, Abernathy had made a great discovery. While picking the pockets of various suspects he found a note in Feely's hip pocket. The note read: "Friday the thirteenth, fifty-seven steps up the road from the hospital, around the bon-fire, at nine-forty. Pass word 'Lay on it.' Dismemberment to those who fail to come."

The whole force was called together and prepared to go—that is, all except Greene, and he said he was afraid his wife wouldn't like to have him stay out that late.

At 9.20 all went to the rendezvous. Ward was disguised as a Ford, Schaub as a green apple, Abernathy as a squirrel, Davis as an ash can, while Wiener fixed up as a British 75. Scarcely were they ready when the conspirators began to arrive.

(To be continued.)

* * * * *

There is a report in camp that Teddy Kent received a letter from a minister recently. Reason unknown.

If you want to get a discharge
If you want to get it early
Go to Captain Baker's office,
Ask to speak to Sergeant Perley.

Private I. Got Mine.

* * * * *

Sergeant McCarthy: Josh, why did you ever join the Quartermaster Corps? I should think a small fellow like you would look well in the infantry.

Sergeant Sarasohn: I wanted to join the infantry; but I didn't know anything about riding a horse, so I didn't try.

* * * * *

Sergeant Carey: Sergeant Perley, what time do I have to report at the office?

Sergeant Perley: At seven-forty five sharp.

Sergeant Carey: Then I'll just stop there as I come in from Havre de Grace and save walking up to the barrack and back.

* * * * *

Private: Doctor, I have a pain in the region of my heart.

Surgeon: Where is your home, would a ten-day pass be enough?

* * * * *

Visitor: Why do all these men walk up and down the street carrying beds and clothing, is that a part of army training?

M. P. Guide: No, those are the men of Headquarters Company keeping in practice for the next time they have to move.

* * * * *

Corporal Bidwell: Kent, what would you like to do more than anything else in the world?

Corporal Kent: I'd like to cross the Rocky Mountains in a one wheeled conveyance with Sergeant Sarasohn for a tire.

* * * * *

Echoes from the barrack: I pass; Worst hand I've had tonight; One dollar open; A dollar he comes; It's a bet; Can you beat it, that lucky stiff filled a bob-tail three times runnin'.

* * * * *

Army Definitions:

Top Sergeant: The giver of every bad and imperfect gift, such as kitchen police, guard duty, etc.

Cook: Every fifteenth recruit from a blacksmith shop or ship yard.

Second Lieutenant: The man who in the estimation of the private thinks he is running the army.

Lance Jack: The man who in his own estimation is running the company.

Bugler (Ordnance): The man who blows reveille at taps to save time in the morning. Why put off till tomorrow what you can do today?

Major (Blank): The man who at A. P. G. outranks both royalty and deity.



The Big Gun Staff

Managing Editor—Sergeant M. Clark White

Editor—Sergeant Joshua S. Sarasohn

Art Editor—Corporal Louis W. Nuse

Business Manager—Sergeant C. M. Williams

Circulation Manager—Corporal James H. Kent

Assistant Circulation Manager—Corporal Charles C. Bidwell

Advertising Manager—Sergeant Karl M. Mann

Contributors

Sergeant Leon J. McCarthy

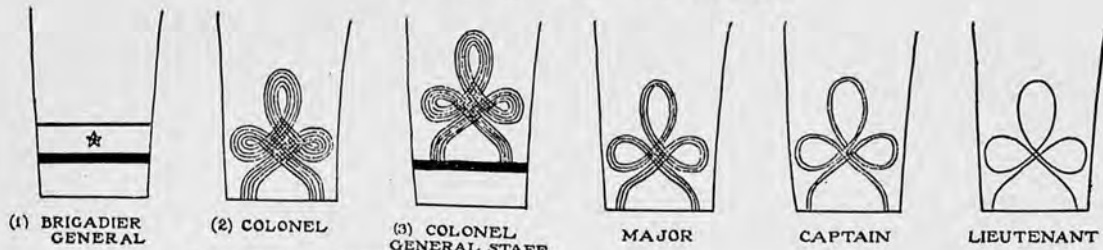
Sergeant James B. Hitchcock

WHEN we undertook the task of editing and publishing THE BIG GUN we hardly realized what we had to face. We were prone to believe the comments of outsiders who said we were getting a "soft job." But, kind friends, as the days have passed, as the copy for the pages of this book has failed to come in rather than come in, as we have raced from one end of this Proving Ground to the other in search of the proper material with which to make this volume as attractive and informative as possible, as we have argued and almost fought with printers and engravers trying to convince them that their prices were beyond reason, as the thousand and one extra jobs have turned up each day, we have slowly but surely come to the conclusion that we tackled a man's sized job. We have worked early and late. We have met with much helpful cooperation on the part of officers and enlisted men. We have faced and surmounted numerous difficulties.

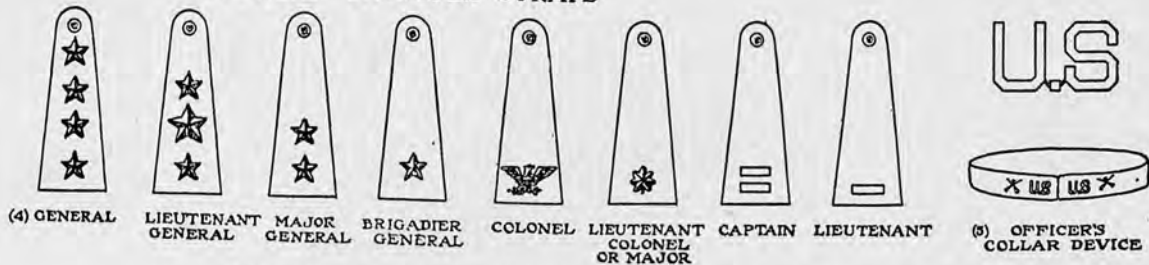
Our aim has been to please; but we knew from the first that we could not please every one. Consequently we are prepared for criticism. Hesitate not to administer it, for we shall be disappointed if it fails to come. We have done the best we could under existing circumstances, and we submit the volume with a clear conscience. Use it as you will.

UNITED STATES ARMY

OFFICERS' SLEEVE MARKS



OFFICERS' SHOULDER STRAPS



COLLAR DEVICES OF THE ARMS OF THE SERVICE

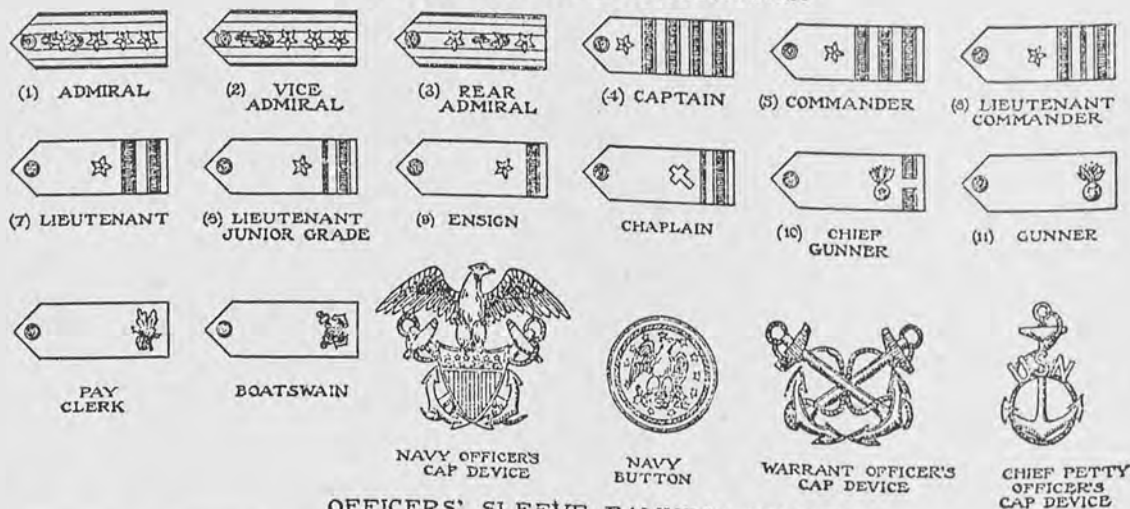


CHEVRONS, NONCOMMISSIONED OFFICERS



UNITED STATES NAVY

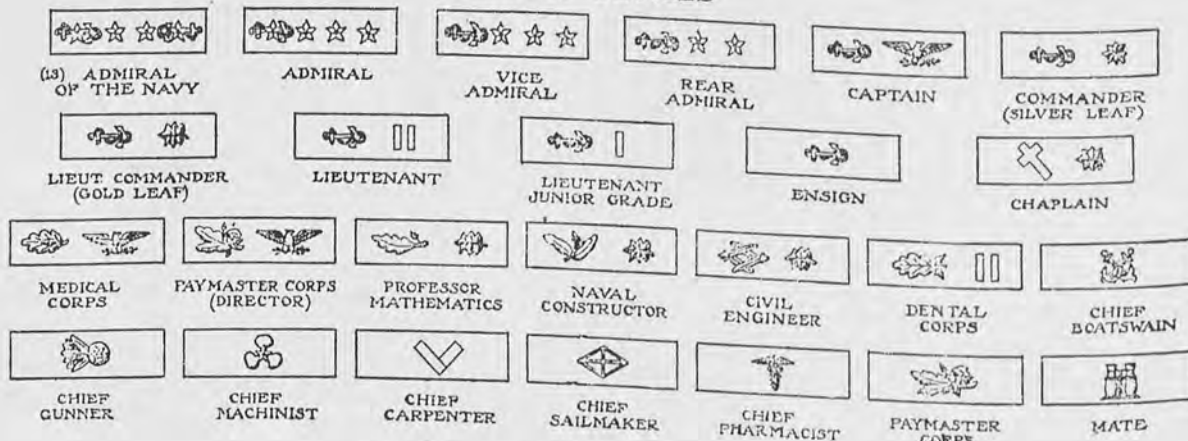
OFFICERS' SHOULDER MARKS WORN WITH WHITE SUMMER SERVICE UNIFORM



OFFICERS' SLEEVE RANKING DEVICES



COLLAR DEVICES



PETTY OFFICERS' SLEEVE MARKINGS



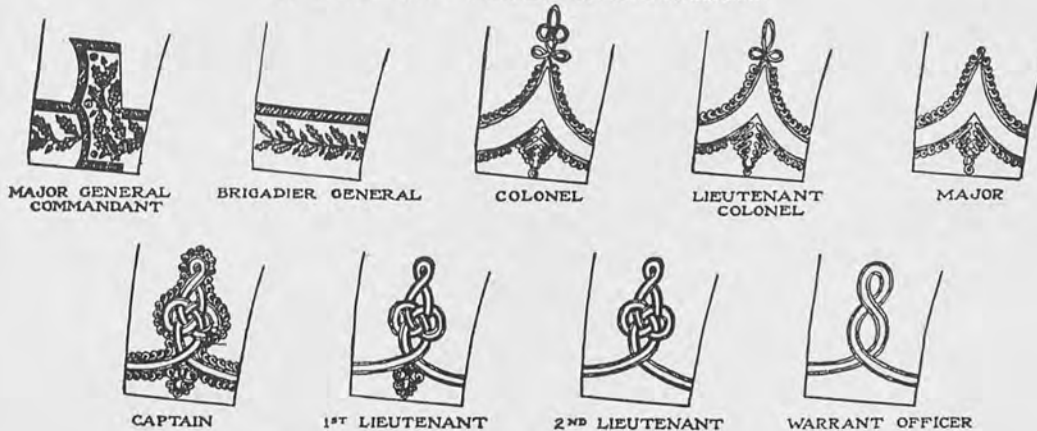
RATING BADGES OR SLEEVE CHEVRONS



AVIATION INSIGNIA



MARINE CORPS INSIGNIA



U.S. COAST GUARD INSIGNIA



D.L.N.

BRITISH ARMY INSIGNIA

SLEEVE MARKS



(1) COLONEL



(2) LIEUTENANT COLONEL



(3) MAJOR



(4) CAPTAIN



(5) LIEUTENANT

SHOULDER STRAPS



(6) FIELD MARSHAL



(7) GENERAL



(8) LIEUTENANT GENERAL



(9) MAJOR GENERAL



(10) BRIGADIER GENERAL



(11) COLONEL



(12) LIEUTENANT COLONEL



(13) MAJOR



(14) CAPTAIN



(15) LIEUTENANT

RANK AND CORPS DEVICES



FIELD MARSHAL



GENERAL STAFF



GENERAL



CHAPLAIN



ARMY PAY CORPS



ROYAL ARMY MEDICAL CORPS



ARMY VETERINARY SERVICE



ROYAL ENGINEERS



ROYAL ARTILLERY



ARMY SERVICE CORPS

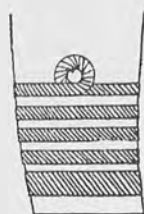


ARMY ORDNANCE CORPS

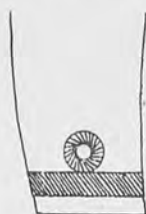


INSPECTOR OF ARMY SCHOOLS

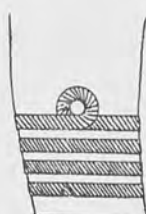
BRITISH NAVY INSIGNIA



(1) ADMIRAL
OF THE FLEET



(2) COMMODORE



(3) CAPTAIN



(4) CHIEF GUNNER
OR BOATSWAIN



(5) MIDSHIPMAN

BRITISH NAVY SHOULDER MARKS



(6) ADMIRAL
OF THE FLEET



ADMIRAL



VICE
ADMIRAL



REAR
ADMIRAL



COMMODORE
1ST CLASS



COMMODORE
2ND CLASS



CAPTAIN



GUNNER AND
BOATSWAIN

(7) FRENCH NAVY INSIGNIA



VICE
ADMIRAL



REAR
ADMIRAL



CAPTAIN



COMMANDER
GOLD
SILVER



LIEUTENANT
COMMANDER



LIEUTENANT



LIEUTENANT
JUNIOR GRADE



ENSIGN



MIDSHIPMAN

(8) ITALIAN NAVY INSIGNIA



ADMIRAL



VICE
ADMIRAL



REAR
ADMIRAL



CAPTAIN



COMMANDER



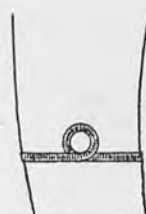
LIEUTENANT
COMMANDER



LIEUTENANT



SUB LIEUTENANT

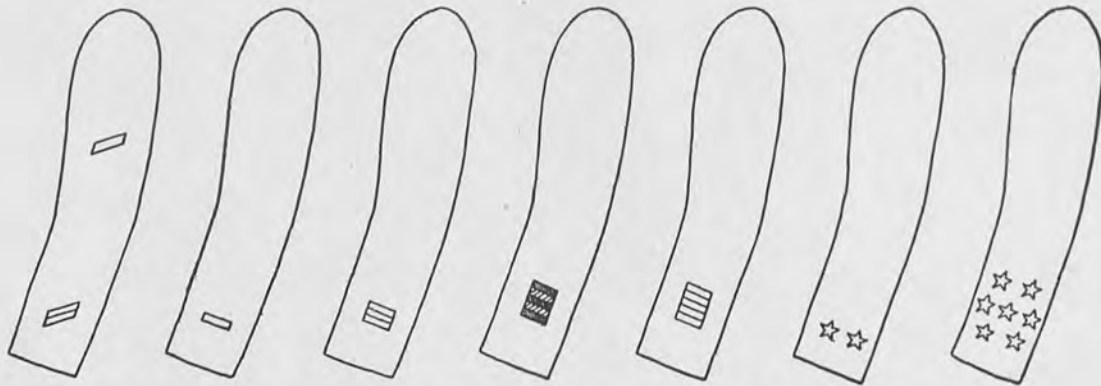


MIDSHIPMAN

D.L.

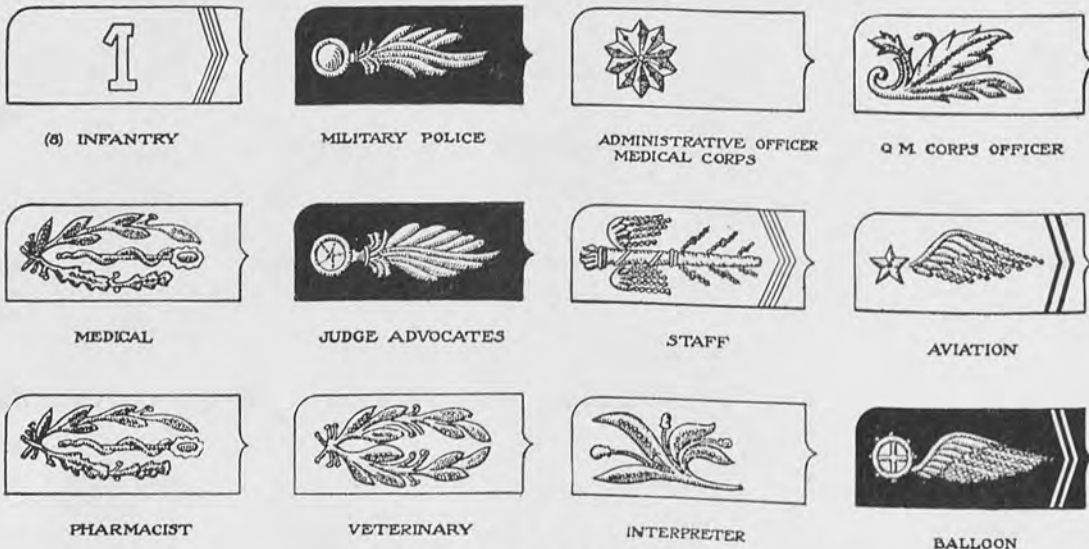
FRENCH ARMY INSIGNIA

SLEEVE MARKS OF RANK



(1) CORPORAL Q.M. (2) 2ND LIEUTENANT (3) CAPTAIN (4) LIEUTENANT COLONEL
■ GOLD ■ SILVER (5) COLONEL (6) BRIGADIER GENERAL (7) MARSHAL OF FRANCE

COLLAR ORNAMENTS



(5) INFANTRY

MILITARY POLICE

ADMINISTRATIVE OFFICER
MEDICAL CORPS

Q.M. CORPS OFFICER

MEDICAL

JUDGE ADVOCATES

STAFF

AVIATION

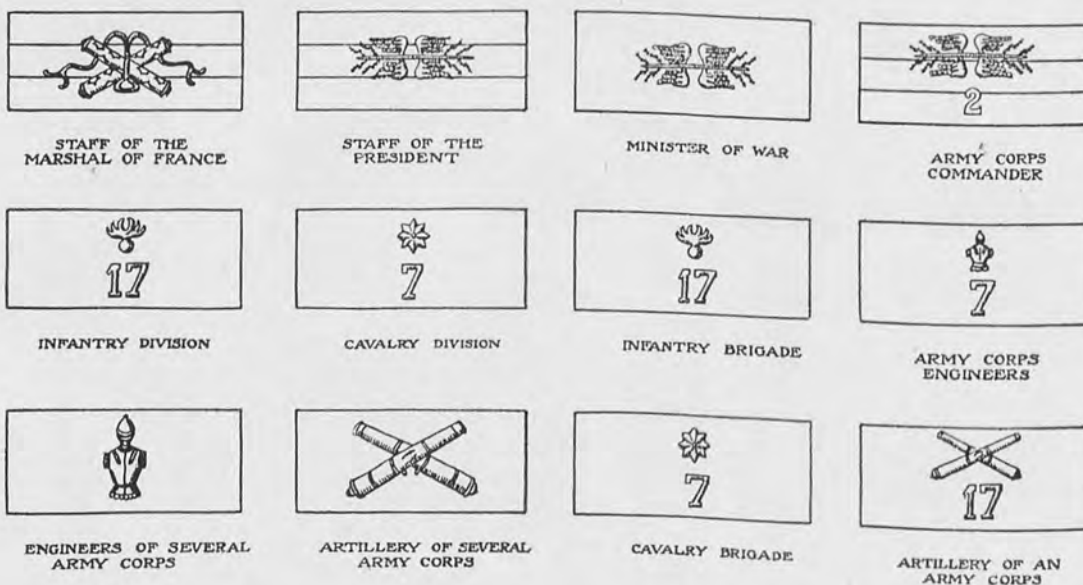
PHARMACIST

VETERINARY

INTERPRETER

BALLOON

STAFF CORPS BRASSARDS



STAFF OF THE
MARSHAL OF FRANCE

STAFF OF THE
PRESIDENT

MINISTER OF WAR

ARMY CORPS
COMMANDER

INFANTRY DIVISION

CAVALRY DIVISION

INFANTRY BRIGADE

ARMY CORPS
ENGINEERS

ENGINEERS OF SEVERAL
ARMY CORPS

ARTILLERY OF SEVERAL
ARMY CORPS

CAVALRY BRIGADE

ARTILLERY OF AN
ARMY CORPS

BELGIAN ARMY INSIGNIA



(1) CORPORAL

SERGEANT

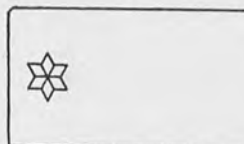
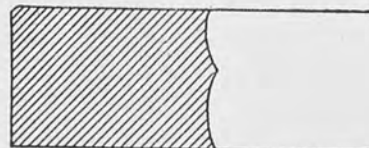
QUARTERMASTER
SERGEANT

FIRST
SERGEANT

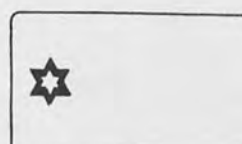
QUARTERMASTER

FIRST
CHIEF SERGEANT

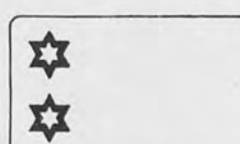
(2) COLLAR FACING



(3) ADJUTANT



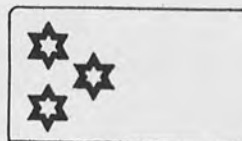
2ND LIEUTENANT



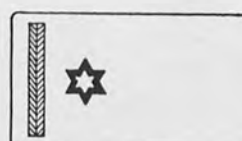
1ST LIEUTENANT



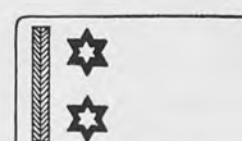
CAPTAIN



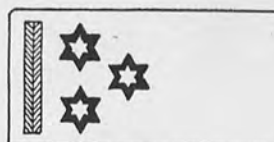
CAPTAIN COMMANDANT



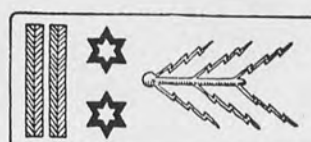
MAJOR



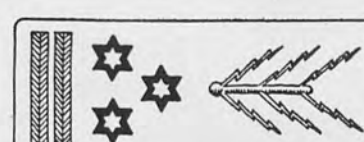
LIEUTENANT COLONEL



COLONEL



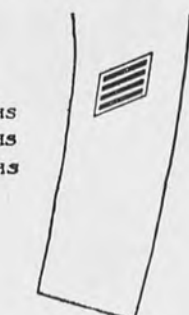
MAJOR GENERAL



LIEUTENANT GENERAL

SERVICE STRIPES

1ST FOR 12 MONTHS
2ND FOR 6 MONTHS
3RD FOR 6 MONTHS



LEFT SLEEVE

OFFICERS - GOLD
NONCOMMISSIONED OFFICERS - SILVER
CORPORALS AND PRIVATES - RED

WOUND STRIPES

ONE FOR EACH
TIME WOUNDED



RIGHT SLEEVE

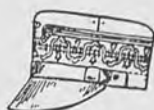
RLN.

ITALIAN ARMY INSIGNIA

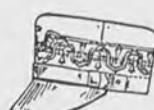
OFFICERS' CAP AND SLEEVE INSIGNIA



(1) GENERAL



(2) LIEUTENANT - GENERAL



(3) MAJOR - GENERAL



(4) BRIGADIER - GENERAL



(5) COLONEL



(6) CAPTAIN

NONCOMMISSIONED OFFICERS' SLEEVE INSIGNIA



(7) BATTLE-ADJUTANT



REGIMENTAL MARSHAL



SERGEANT MAJOR



SERGEANT



CORPORAL MAJOR

SLEEVE INSIGNIA



OFFICERS



MEN



STAFF



(9) AIDE
OR ORDNANCE



MACHINE-GUN



TRENCH MORTAR



PILOT



ASSAULT

(8) PROMOTION FOR VALOR
ON THE FIELD

INSIGNIA OF ARMS, SERVICES AND UNITS



GENERAL STAFF

COLLAR



ALPINI



ARTILLERY

COLLAR



CARABINEERS



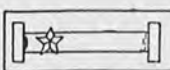
BERSAGLIERI



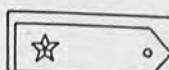
ENGINEERS



GRENADIERS



INFANTRY



SUPPLY SERVICE



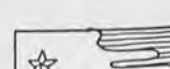
MEDICAL SERVICE



LANCERS



LIGHT HORSE



UNITED STATES MEDALS



(1) DISTINGUISHED
SERVICE CROSS



(2) DISTINGUISHED
SERVICE MEDAL



(3) MEDAL OF HONOR
U.S.A.



(4) MEDAL OF HONOR
U.S.N.

UNITED STATES CAMPAIGN BADGES



MEDAL OF HONOR



SPANISH AMERICAN WAR



PHILIPPINE INSURRECTION



OBVERSE

(5) CONGRESSIONAL NATIONAL GUARD MEDAL



REVERSE

UNITED STATES CAMPAIGN BADGES



CHINA RELIEF
EXPEDITION, 1900



CUBAN PACIFICATION



MEXICAN BORDER



WOUND AND SERVICE STRIPES

AMERICAN



ARMY



NAVY

(6) SERVICE - LEFT ARM
WOUND - RIGHT ARM

FRENCH



(8) SERVICE - LEFT ARM
WOUND - RIGHT ARM

ITALIAN



(10) WOUND STRIPE

BRITISH



(7) WOUND
LEFT ARM



(8) SERVICE
RIGHT ARM

BELGIAN

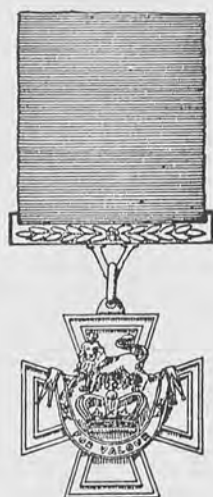


(11) SERVICE
LEFT ARM



WOUND
RIGHT ARM

MEDALS OF HONOR - ALLIED NATIONS



(1) VICTORIA CROSS
BRITISH



(2) ORDER OF THE BATH
BRITISH



(3) DISTINGUISHED SERVICE
ORDER - BRITISH



(4) MILITARY CROSS
BRITISH



(5) CROIX DE GUERRE
FRENCH



(6) MEDAILLE MILITAIRE
FRENCH



(7) LEGION OF HONOR
FRENCH



(8) MILITARY ORDER
OF SAVOY - ITALIAN



(9) MEDAL FOR MILITARY
VALOR - ITALIAN



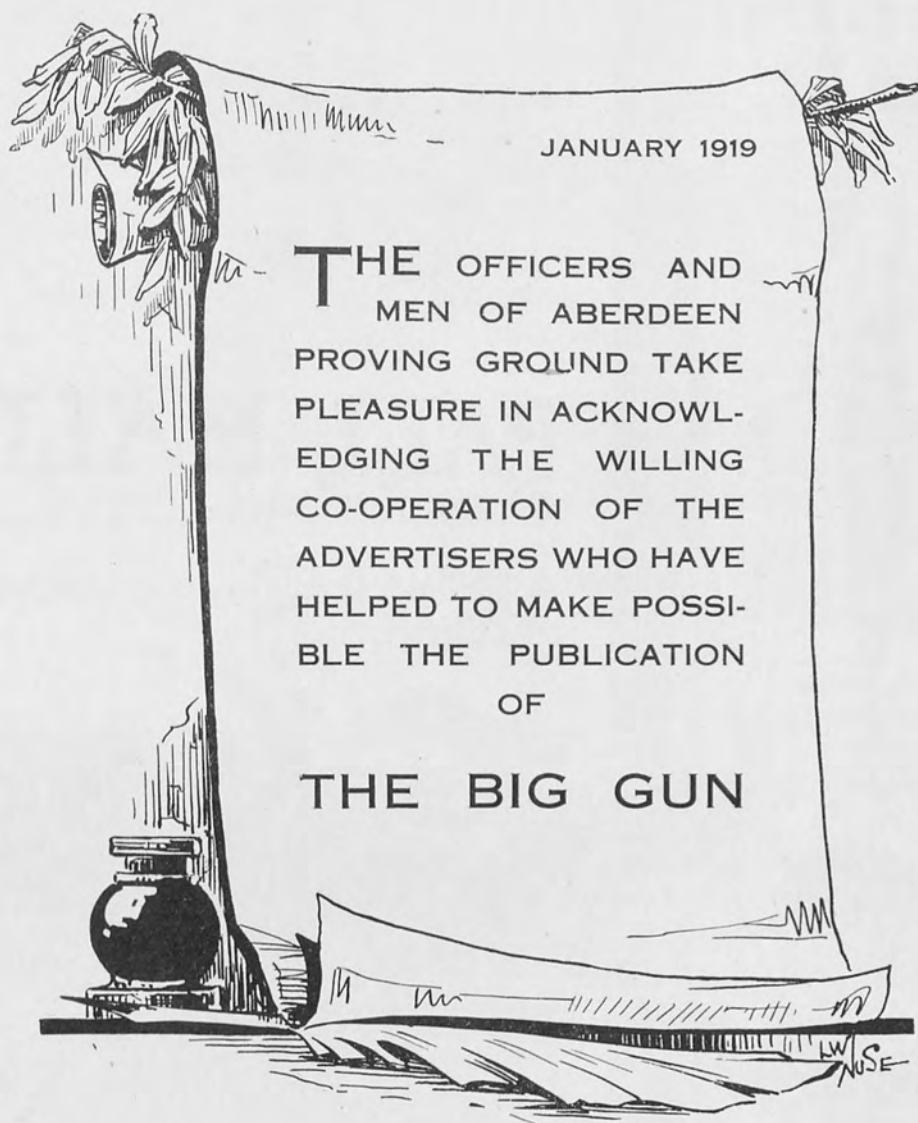
(10) MEDAL FOR NAVAL
VALOR - ITALIAN



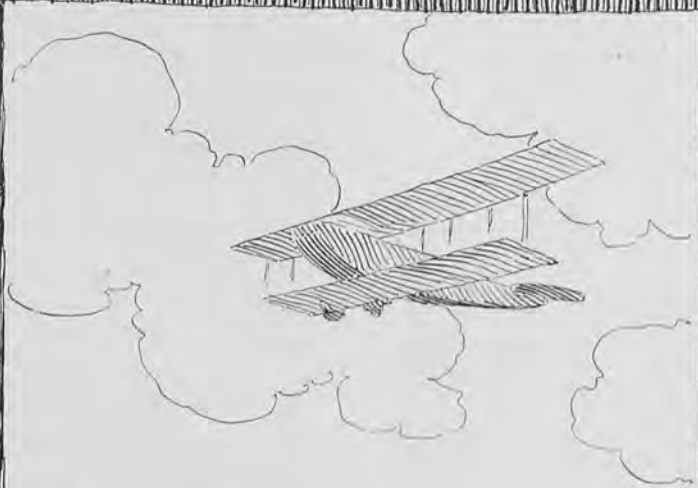
(11) ORDER OF LEOPOLD
BELGIAN



(12) CROIX DE GUERRE
BELGIAN

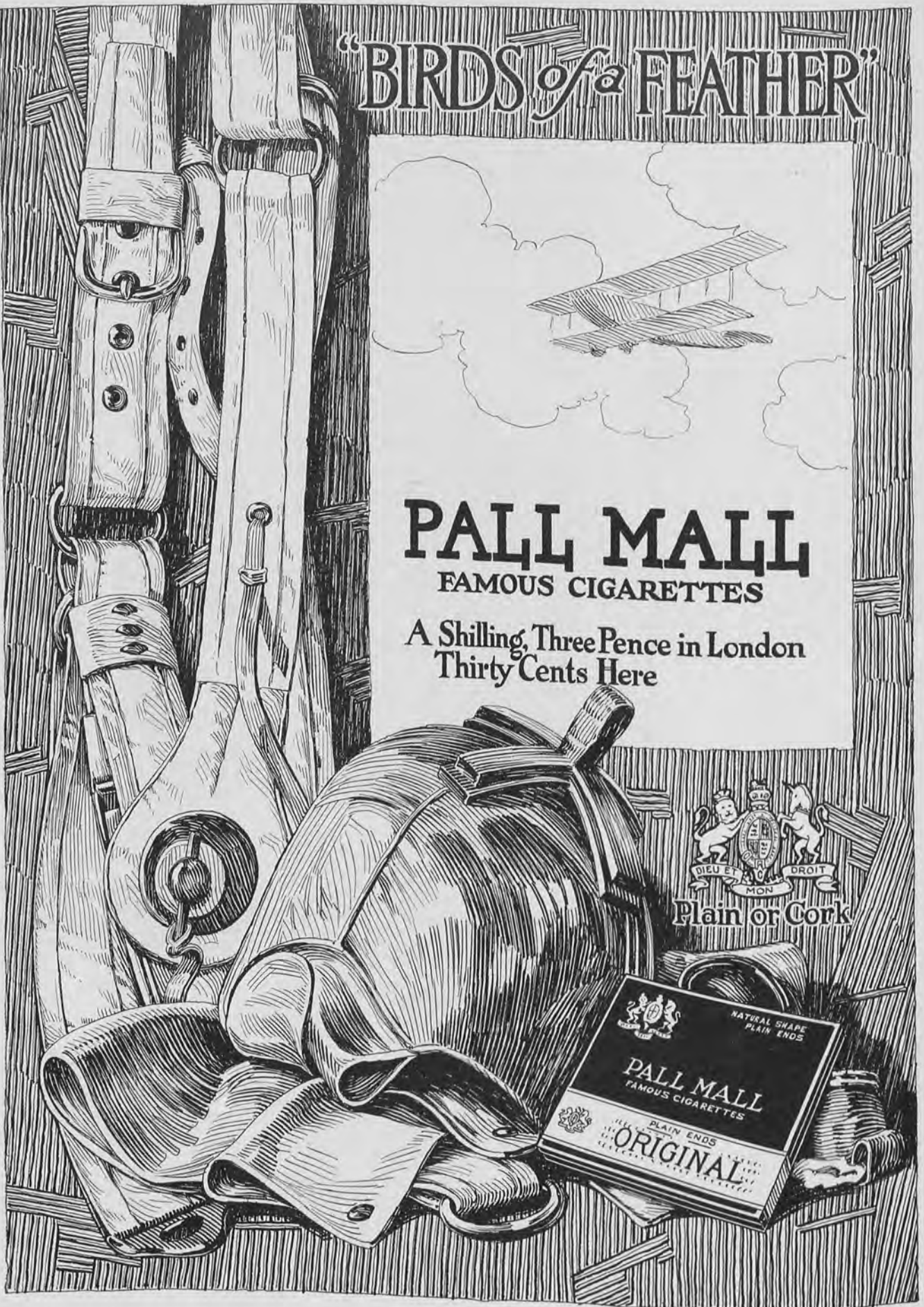


"BIRDS of a FEATHER"



PALL MALL FAMOUS CIGARETTES

A Shilling, Three Pence in London
Thirty Cents Here





The returned soldier who could do “anything” and the one who could do “something”



“I N the past two weeks I’ve helped five soldiers and two sailors to find jobs for themselves,” said a big-hearted American business man recently. “I’m beginning to wonder whether I am in the export business or whether I am running an employment agency. But I’ve had a lot of satisfaction in helping the boys to get back into business again.”

His attitude is that of the majority of business men. They are having their own problems of reconstruction to face. The Government is releasing its hold on raw materials; other countries which have been non-productive for four years are entering the market again; and every man of large affairs has his hands full.

But with it all, the average good American is not too busy to help the returning soldier with his individual problem of reconstruction. He realizes that the soldier has cut all his ties, and that, if he is to get reestablished quickly, it is the patriotic duty of every man, who stayed behind, to help.

He knew exactly what he wanted.

“TWO soldiers came to my office on the same day,” said the man just quoted. “Both clean-cut, fine looking chaps; both eager to be at work. But at that point the similarity ceased. One of them talked straight to the point. I found that he had just been promoted into his first executive position when the war broke out. And in all the months of his absence that man had found time, by reading and study, to keep himself in touch. He told me that his first act, on landing, was to enrol himself in a course of study that would fit him to be a better executive. ‘I realize I have lost time,’ he said, ‘and believe me I am going to make it up.’”

“It was easy enough to place that man in a job. He knew exactly what he wanted, and he had put himself into step with business conditions even before he left the other side.

“The other man was a problem. When I asked him what he could do he answered that he was willing to ‘do anything.’ His ideas were just as vague as that. He had apparently lived thru the war as if he expected the world to come to an end at its conclusion. We finally succeeded in fixing him up with a sort of a job, but I couldn’t help contrasting him with the man who knew exactly where he wanted to go, and had been fitting himself all the time. I am afraid the second man will have a hard struggle to keep pace.”

Send for this book. There is a vision in it for you of your future.

TO meet the needs of thoughtful men, the Alexander Hamilton Institute has published a 112-page book “Forging Ahead in Business.” It is free; a card will bring it to you. Each one of the 75,000 men who are now holding better positions began his acquaintanceship with the Institute by sending for this book.

You owe it to yourself, at least, to send, without any obligation whatever, for “Forging Ahead in Business.” The coupon will bring it.

Send now, while your mind is on it. You could not seize the chance that came after ‘65 or ‘98. But it will be your fault if ten years from now you say: “I could have gone on to success with 75,000 others, and I did not even investigate.”

Fill in the coupon and mail

ALEXANDER HAMILTON INSTITUTE.
39 Astor Place, New York City

Send me “Forging Ahead in Business” FREE

Name
Business
Address



Position
Business

Reach

Athletic Goods
played an important
part in the training of
our troops.

They in their physical fitness
exhibit the good results of
physical training.

IT WILL DO AS MUCH
FOR YOU.



REACH GOODS ARE SOLD BY
THE LEADING DEALER
EVERYWHERE.

Complete Catalogue
on request.

A. J. REACH CO.
PHILADELPHIA, PA.

Canadian Factory:
BRANTFORD, ONT.

The Traffic Department

(Continued from Page 14)

with the Traffic Department. Immediately the yard forces are communicated with and soon afterward the desired service is performed.

Major O'Dell is the head of the department, and while he frequently requests permission to leave for Aberdeen at night, it is generally understood that he is the "Big Gun" of railroad work on the Post. Being possessed of immense practical knowledge, impartial in his actions and never asking his men to do more than he himself does, peculiarly fitted and marked him for the man to take hold of and reorganize the department. In the midst of the big days a night crew failed to appear when especially needed. The Major climbed up into the cab of the best Pennsylvania locomotive here and with Corporal Shannon, fireman, Captain Lawyer, conductor, and Lieutenant McConnell, brakeman, gathered up some eighty empty freight cars from all parts of the yards between 8 o'clock at night and 3 o'clock the next morning. At 5 that morning he came to the office, pushed two desks together and slept until 7 then started another day's work.

The place and importance of the Proving Ground Railroad is similar in its sphere to that of the railroads of this country. Agriculture and railroads in the outer civilized world are linked together in the same manner as are the Proof and the Traffic Department at this Post. It is an effective aid to the mounting of a gun for proof firing, the hurried transportation of projectiles to the Michaelsville Range, or guns for overseas, the handling of special delegations about the Ground and the delegations special and otherwise of soldiers bound for Havre de Grace and points north and south, to whom the "Rodman" of the early January days with its single round trip at night accommodating the late Pennsylvania train and the "Rodman" of the present day with its frequent trips, stands as a symbol and a byword of the Aberdeen Proving Ground Railroad, the bridge to their world of tomorrow.

Sergeant J. A. Ludlow.



As a lighthouse is a guide to the mariner, so is the Spalding Trade Mark a beacon to the buyer of ATHLETIC GOODS. It directs him to the harbor of Quality and ensures him a profitable trip.



BASE BALL
TENNIS
GOLF
FOOT BALL
BASKET BALL
TRACK AND
FIELD
POLO
HOCKEY
SKATING
ATHLETIC
WEAR

**A. G. SPALDING
& BROS.**

NEW YORK
CHICAGO
SAN FRANCISCO

Newark, N. J.	Indianapolis
Philadelphia	Detroit
Boston	St. Louis
Pittsburgh	Kansas City
Buffalo	Milwaukee
Syracuse	Des Moines
Rochester	Minneapolis
Albany	St. Paul
Baltimore	Denver
Atlanta	Salt Lake City
New Orleans	Oakland
Cincinnati	Los Angeles
Columbus	Seattle
Cleveland	Portland
Louisville	Dallas
Washington	
London	Paris
Birmingham	Liverpool
Manchester	Bristol
Montreal	Toronto
Sydney, Australia.	

ESTABLISHED 1818
Brooks Brothers
CLOTHING
 Gentlemen's Furnishing Goods,
 MADISON AVENUE COR. FORTY-FOURTH STREET
 NEW YORK

Telephone Murray Hill 8800



BROOKS BROTHERS'
 New Building, convenient
 to Grand Central, Subway,
 and to many of the leading
 Hotels and Clubs.

Uniforms for Officers
 Ready made and to Order
 Regulation Overcoats
 Leather Leggings
 Fox Spiral Puttees
 Hats and Caps
 Olive Drab Wool Shirts
 Marching Shoes
 Field Boots
 Military Kit Bags
 Lockers and Trunks

 Civilian Clothing
 for Officers
 preparing to retire
 from Active Service

 Garments and Accessories
 for Day or Evening Wear
 Dress, Business, Travel
 or Sport

Send for Illustrated Catalogue

BOSTON SALES OFFICES
 TREMONT COR., BOYLSTON STREET

NEWPORT SALES OFFICES
 220 BELLEVUE AVENUE

Military Department

(Continued from Page 18)

H. K. Eilers, First Lieutenant
 G. H. Baker, First Lieutenant
 Nathan S. Sharpe, Second Lieutenant
 H. E. McMillan, Second Lieutenant
 P. O. Potts, Second Lieutenant
 William Ware.

On January 31, 1918, the enlisted personnel of the Ordnance Detachment consisted of: Twenty Sergeants, twenty-four Corporals, eleven Privates First Class, three hundred and ninety-nine Privates.

On April 25, 1918, the growth of the Post made a new form of organization necessary. Captain W. S. S. Rodgers, Jr., was appointed Detachment Commander. Six companies were formed with the following officers in command:

Headquarters Company —
 First Lieutenant G. H. Baker.

"A" Company—First Lieutenant N. S. Sharpe.

"B" Company—First Lieutenant E. A. McGuire.

"C" Company—Captain F. S. Day.

"D" Company—Second Lieutenant P. O. Potts; Second Lieutenant P. M. Hart.

"E" Company—First Lieutenant H. K. Eilers; Second Lieutenant W. A. Ware.

At this time the strength of the Post consisted of ninety-one non-commissioned officers, five cooks and nine hundred and twenty privates. On June 12, 1918, four new companies, I, K, L and M, were organized and the following officers assigned to command them.

"I" Company—First Lieutenant W. H. Johnson; First Lieutenant C. H. Mount.

"K" Company—Second Lieutenant P. M. Hart.

"L" Company—Second Lieutenant W. M. Hough.

"M" Company—Second Lieutenant A. R. Taylor.

At this time thirty-nine barracks were occupied by enlisted men.

During the next few months the strength of the Post was continually increased both by new recruits and by the transfer of large numbers of men from National Army cantonments. The larger part of these men came from Camp Upton, Camp Dix and Raritan Arsenal. The greatest strength of the Post was reached on November 30, 1918,

(Continued on Page 172)



When you shed your good old khaki—

Remember!

We've "four convenient corners" devoted exclusively to things to wear for men and boys.

Warren Street & Broadway Four Subways

The Brooklyn Bridge Station of the Lexington Avenue line.

The Chambers Street Station of the Fourth Avenue (Brooklyn) line.

The City Hall Station of the Broadway line.

The Park Place Station of the Seventh Avenue line.

Within easy reach, too, of downtown L's, the Brooklyn L's and the Jersey Ferries.

13th Street & Broadway Two Subways

The 14th Street Station of the Lexington Avenue subway.

The Union Square Station of the Broadway subway.

34th Street & Broadway Right in the heart of the shopping district.

The Broadway subway at the door.

The Hudson Tubes.

The 33rd Street Station of the Sixth Avenue L.

The Penn. Terminal and Seventh Ave. subway.

5th Avenue & 41st Street (with an entrance on 42nd Street).

The Grand Central Terminal.

The Lexington Avenue subway.

The Shuttle.

The Fifth Avenue Bus.

The same generous stocks of everything men and boys wear at the same reasonable prices at all "four corners."

ROGERS PEET COMPANY

Broadway
 at 13th St.

Four
 Convenient
 Corners"

Broadway
 at Warren

Broadway
 at 34th St.

Fifth Ave.
 at 41st St.

NEW YORK CITY

B. Altman & Co.

The Dep't for Men's Ready-to-wear Clothing

(on the Sixth Floor) is amply prepared to meet every clothing requirement of

MEN NOW IN THE UNITED STATES SERVICE

who will shortly return to the civilian ranks.

Every outerwear need has been anticipated in assembling the present great assortment of

MEN'S SUITS AND OVERCOATS

representing the ultimate word in style, material and tailoring.

MEN'S HATS, SHOES AND FURNISHINGS

in the best styles and qualities are shown at surprisingly moderate prices.

Madison Avenue-Fifth Avenue, New York

Thirty-fourth Street

Thirty-fifth Street

MEN'S CLOTHING & FURNISHINGS

At Moderate Prices

Extensive assortment of high-grade Suits and Overcoats for men and young men, embodying the latest style features, tailored of finest Imported and Domestic Fabrics, in attractive patterns; excellent workmanship.

Also complete stocks of Men's Furnishings including Shirts, Neckwear, Half Hose, Pajamas, Gloves, etc.

JAMES McCREERY & CO.

5th Avenue

34th Street.

Lord & Taylor

38th Street

—FIFTH AVENUE—

39th Street.

Fine Clothes for Civilians

Suits and overcoats tailored as well as the products of the best custom shops.

Materials, all wool — in the newest and smartest patterns.

Cut and style, the kind particular men demand — models for every type of figure.

No bother about tailor's try-ons and no waiting — YOUR suit is ready for you to wear.

Prices — due to foresighted buying — are quite moderate.

Also Men's Fine Shoes and Furnishings.

FOUNDED 1856



THAT our clothes for men and young men are better clothes for less money is a conviction firmly fixed in the minds of our thousands of regular customers. It is a conviction unalterably supported by the service, style, fit, workmanship and comfort our clothes embody.

BROKAW BROTHERS
1457-1463 BROADWAY
AT FORTY-SECOND STREET

F. R. TRIPLER & CO.

DUOFOLD UNDERWEAR

Wool on the outside,
cotton on the inside.

Shirt and Drawer
\$3.00 per garment

Union Suits
\$5.75 and \$9.00

The underwear for those
who live in the open in
all kinds of weather.

The warmth of wool with
the comfort of cotton.

Buckskin Gloves

Topcoats and
Motor Ulsters

Motor Scarfs

Perfect Dress Ties.

42nd STREET AT
MADISON AVENUE

Military Department

(Continued from Page 169)

when the Post Return showed three hundred nine commissioned officers and four thousand eight hundred and seventy-six enlisted men of all grades. Since that time this number has steadily decreased due to the number of discharges granted to officers and men under the demobilization plan of the Proving Ground. At the present time there are on this Post two hundred and thirty-nine officers and four thousand three hundred and ninety-seven enlisted men. These figures do not indicate the number of officers and men who have been discharged owing to the fact that several hundred men have been transferred to this Post from other camps during the past few weeks.

—o—

Company B--First Battalion

(Continued from Page 72)

October brought the epidemic of influenza, which took its toll of our best, as it also did throughout the Post. The departure early in that month of several non-coms for overseas duty created quite a bit of excitement, which was enhanced by the prospect of a larger number to leave at a later date. Of course, the signing of the Armistice terms effectually ended all such thoughts.

"B" is the home of several of the most important details of the Proof Department. These permanent details consist of the Artillery Repair, Development Section, Screen, Star Gauging and Pressure House details. The men who comprise these details are the pick of the Post, and, in a large degree, are responsible for the high standard of efficiency maintained at the Front. They have attained an expertness at their respective vocations, which can only come with long practice associated with a zeal to excel. "Always B First" is their motto, and they have generally lived up to that slogan.

Sergeant Ernest V. Goodwin.

Ovington's GIFTS

❖

JUST AS there is one jeweler for engagement rings, one engraver for wedding invitations, and one confectioner for weddings, so is there one Fifth Avenue shop which has made a specialty of wedding presents. That is why Ovington's is such a cheerful spot to select the right gift in these days.

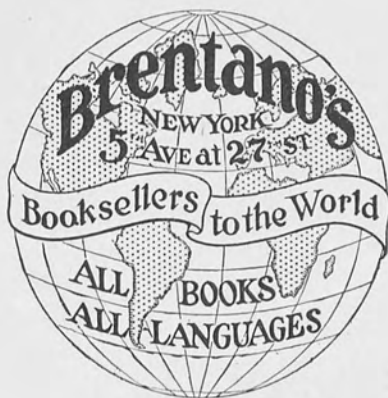
❖

Does she like heavy Sheffield silver? Perhaps a pitcher or a vegetable dish. Has she a pretty taste in china or crystal? Not a dinner set, of course, but a tea set on its own wagon or a guest room water bottle, glass and tray. Or do you know him better? Perhaps one of our cocktail sets or a humidor or a cigarette outfit. Remember that a surprising number of the gifts you see at every wedding are from here. Very likely we are sending this bride-friend several packages today. Shall we send yours too?

❖

312-314 FIFTH AVE.
NEW YORK

Ovington's



WILL YOU EVER FORGET?

The First Time You Tried a Rifle
Salute

THE MARYLAND FARMER

MARYLAND'S ONLY AGRICULTURAL PAPER.

FAMOUS
FOR A GENERATION

HOLLAND HOUSE

WILLARD H. BARSE,

Lessee

Fifth Avenue at 30th Street

(Avenue des Allies)

NEW YORK

Room Tariffs Conform to Government
Recommendations.



Men in Service

Before taking off
your uniform

be sure and have your picture taken — don't wait until it is too late. Your family, your friends, will appreciate a high grade photograph more than anything you could give them.

The Champlains Studios, New York, are prepared to offer the highest grade photographs at reduced rates to men in uniform.

Sepia Artist Proof Portraits

\$8.00 per dozen and up, upon presentation of our Special Service Certificate. (Regular price \$12.00). Write for one of these certificates — and make an appointment for a sitting.

Two Studios

392 5th Ave., corner 36th St.

306 5th Ave., betw. 31st and 32nd.



The Functions of the Proof Department

(Continued from Page 25)

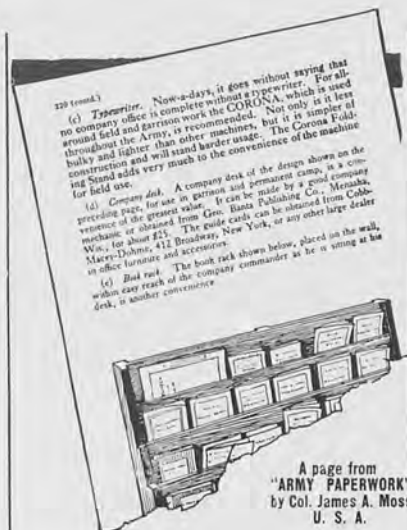
Hook to Aberdeen. The temperature ranged from zero to 15 degrees below. The batteries were placed in open fields, with neither gun emplacement nor connecting roads. The buildings available provided entirely inadequate floor space, and not only were unheated, but had neither floors nor windows. The work commenced with the design and layout of ranges, and facilities. Despite these handicaps and the unavoidable interferences caused by construction work, testing was carried on during the whole construction period, with improvised facilities, even to the extent of designing and building many wooden gun carriages, when no others were available. During all this time testing has never stopped and has met all requirements as to time and accuracy. Where necessary, and this has often been the case, firing has been continued throughout the entire twenty-four hours, including Saturdays and Sundays.

Personnel

The commissioned personnel in August, 1917, consisted of thirteen, of whom three were undergoing instruction. There were about seventy-five enlisted men, forty civilian laborers and fifteen stenographers and clerks. That force has been extended to about one hundred and forty-seven officers, forty-three candidates for commissions, one thousand enlisted men and one hundred and two stenographers and clerks.

The growth of the work was often so rapid that our first intimation a certain type of material would be tested at Aberdeen was the actual receipt of the material for test. This, and the use of the Proving Ground, for training Ordnance officers and soldiers for service abroad or at other stations in this country, have required an organization capable of sudden expansion and constant change. The original practice of assigning tests on the morning they were to be conducted has given way to the establishment of numerous specialized units of officers with responsibilities definitely

(Continued on Page 182)



A page from
"ARMY PAPERWORK"
by Col. James A. Moss
U. S. A.

CORONA

The Pen of the Army

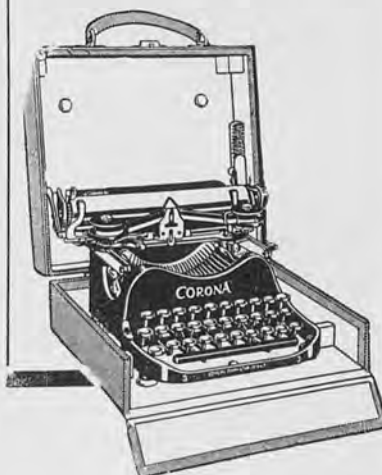
APPROVED alike by officers and officials, adopted throughout the service and in use in many Government departments, Corona occupies a unique place among writing machines.

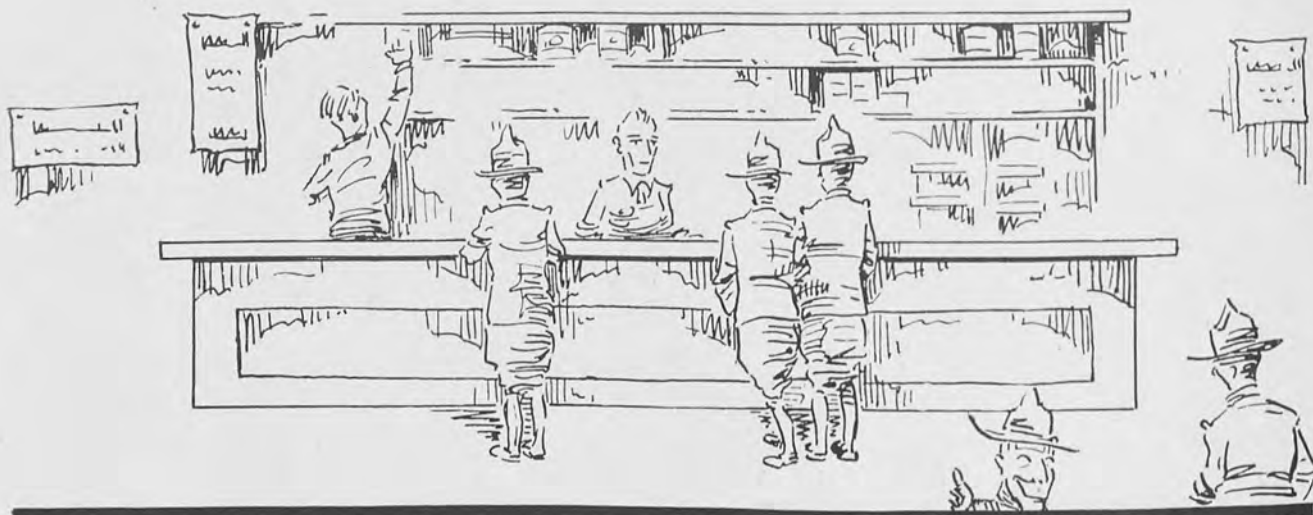
It weighs but six pounds (nine pounds with case), and folds for travel into a stout handy case 11½ inches by 10 by 4¾. Never in the way—handles clerical detail neatly, legibly, efficiently—you can take it with you anywhere. Its simplicity and strength enable it to withstand even the rough usage of field work. Fifty dollars, complete with case. Folding stand, six dollars extra.

Descriptive booklets free on request.

M. W. LUCY & CO.

118 W. Fayette Street
Baltimore, Md.





THE POST EXCHANGE

An Advertisement—By Buck

Mi dere bil—

From the idee i got reedin Young Glory In The Fillipeens, a *kanteen* was a tin bottel full of the forbidden juice. but it aint no sutch thing—bil.

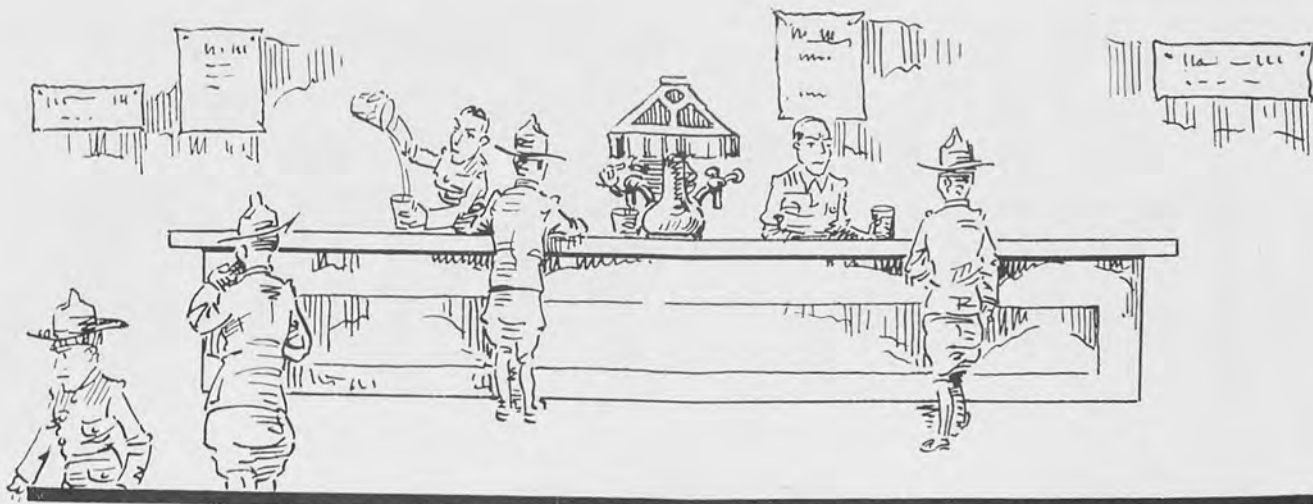
it kind of gos agenst the grane for me to rite this about our Kanteen. its kontrary to miltery etikette. A soldier is a born kicker—bil, and he plays them about this way for nocks:

Win: Kanteen.

Plase: The Mess.

Sho: the Q. M.

Onse in a wile you will find a soldier who wudent murder a $\frac{1}{4}$ Master on site; history rekords a corperel in the infantry who was satisfyed with the Mess—but i aint diskovered eny trases of a member of our grate and Glorious Army yet who was pleased with the Kanteen. I have even brased sargent Sandy Edwards on the subjek, and his first inlistment was at Valley Forge. it aint that the kanteen is generelly to blame; its just soldier kustom and cums as nacherel as nocking down nikles did to you before they put the pay as you enter sistem into operashun on the wood-award avenew line



Our Kanteen is John wannamaker, J. I. hudson co and The hub rolled into one. You can buy an ise-kream kone or a soot of O. D.'s, a segar or a pare of leggins, a postage stamp or a motorsikle at the P. X. and carry home enuf change to sit in at a littel frendly game after. They run a barber shop where Big Cheef Bender dispenses velvet shaves for a dime. and hav too resturunts in connekshun. And when the feed up at Mess Hal for gets to running to beens too regeler, for the price of a coupla good smokes i treet miself to sum reel eggs rite from the shel up at Number 1.

Lootenent Kent is the Big works of the kanteen, supported bi sargent Slokum and frend Paddy. i hav got up a too and $\frac{1}{2}$ persent spree meny a time on Kanteen beevo dispensed by Leebig. The rapped putteys that i was saving up agenst the day when our over sees orders caim was sold to me bi little Old Lippy who was downed by the Floo. Taiken them al together the Kanteen bunch is a decent lot of fellers; they do ther best, work al hours of the nite and sundays and cum akross with a nise littel dividend at frekwent intervals. And if the fellers think P. X. prises are steep, they oughto buck up agenst sum of our Monrow ave merchants.

Charley, in the taylor shop, is making me a soot of civvies. You oughto see them—bil. Gee, wont it be grate to ware pants with cuffs on them onse agen, a vest and a cote that isent a blowse!

BUCK.

TOPPING BROTHERS

We stand prepared to serve
the United States Government
as well as the country's
industrial organizations
with:

Drills, Bolts, Nuts, Rivets,
Screws, Cap and Set, Spikes,
Machine Shop Tools, Chain,
Brake Lock Nuts, Screws,
all kinds, Track Bolts, Chain
Hoists, Tackle Blocks,
Jacks, of all descriptions,
Hand Tools, all kinds, Files
and All Heavy Hardware

122 CHAMBERS STREET
NEW YORK CITY

... and at all 6 stands
in the Capitol building

A fact:

The 6 tobacco stands in the Capitol building at Washington are patronized mainly by the big business and professional men from all sections of the United States who are constantly coming into and passing out of Washington.

At each one of these stands more Fatimas are sold every day than any other cigarette, regardless of price—which seems to show that the preference for Fatima is really nation-wide.

Leggett & Myers Tobacco Co.

FATIMA

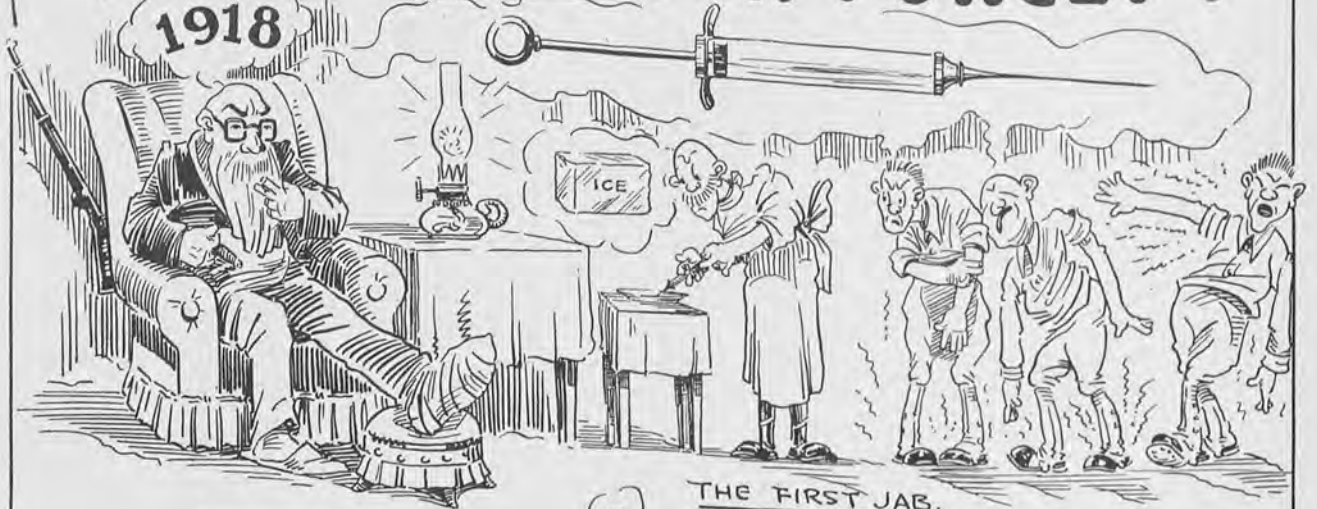
A Sensible Cigarette

Men who think straight and decide quickly like a cigarette that, besides pleasing their taste, leaves them feeling fit throughout the day.



WILL YOU EVER FORGET?

1918



THE FIRST JAB.



CAN YOU IMAGINE ARTIE, WHEN THAT GETS DRESSED UP?

-THAT EMBARRASSING MOMENT WHEN YOU ENTERED THE OLD CAMP GROUND TO WORK FOR UNCLE SAM.

-YOUR FIRST NIGHT ON GUARD WHEN YOU FULLY DECIDED YOU WOULD USE YOUR RIFLE AS A ROLLING PIN



-THE WARM BED COVER MICKEY MURPHY'S MOTHER SENT TO CAMP.



-YOUR FIRST MEAL - THE TIME YOU UNDERSTOOD THE TERM MESS.

-THE FIRST TIME YOU HEARD A NINE POINT TWO TELL IT'S STORY.



THE MUD

-YOUR FIRST RIDE ON THE POST TRAIN.

LW/USE.

A Cordial Invitation

is extended to the Officers
and all members of the Service

by..... JACOB REED'S SONS
to make..... 1424-26 CHESTNUT ST.
"Headquarters" PHILADELPHIA
while in.....

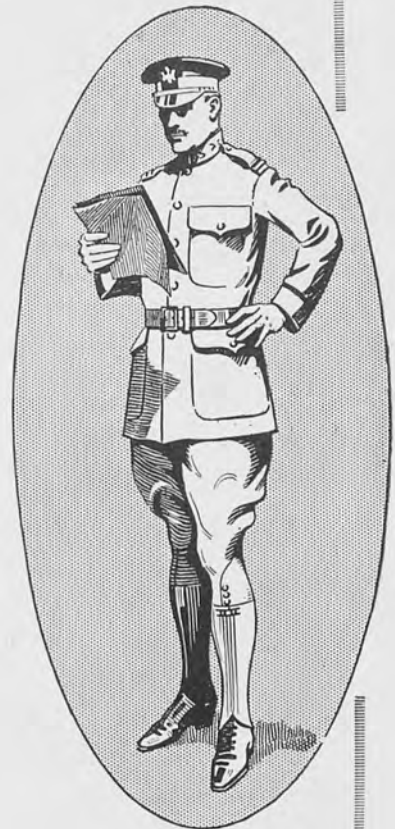


DIRECTORY

FIRST FLOOR—Men's Ready-to-Wear Clothing
Haberdashery, Hats, etc.

SECOND FLOOR—Men's Custom Tailoring Department

THIRD FLOOR—Military Uniform and Equipment Department



"You're as Welcome as the Flowers in May" — At Perry's

If you are from Philadelphia, you know our Clothes — or know
of them — and we are willing to go at that.

If you are not from Philadelphia, come and see us when in town
and let us show you. We believe our "N. B. T." Overcoats and Suits have
a little bit the edge on any others for sound value, for distinguished fit and
style. Ask any of the Philadelphia Boys!

PERRY & Co., "N. B. T."

16th & Chestnut Sts.

Philadelphia.

"THE BIG GUNS" IN THE MEN'S CLOTHING WORLD

Among the many manufacturers of ready-to-wear Clothing for men, these three stand out very strongly as having attained a very high place in the estimation of critical and well-informed men throughout this country

The Stein-Bloch Company
Hart, Schaffner & Marx
The Arnold-Louchheim Co.

The first two of these famous houses are represented in Philadelphia by Strawbridge & Clothier exclusively; the third makes for this Store tens of thousands of dollars' worth of clothing each year, sold under our own label — and guaranteed to give satisfaction in style, quality and value.

Officers and enlisted men who are putting aside the uniform of the United States for civilian clothes, will find in this, Philadelphia's Foremost Clothing Store, an unrivaled assortment of Ready-to-Wear Clothing at right prices — and just now many Suits and Overcoats at reduced prices.

Also Shoes, Haberdashery, Gloves and everything a man wears.

**Strawbridge
and
Clothier**

MARKET and EIGHTH STS.
Philadelphia.

The Functions of the Proof Department

(Continued from Page 175)

outlined. There are now but two officers in the department who were in the organization of August 1, 1917.

A very important aid to the management of the department, from the standpoint of both accuracy and efficiency, was the consolidation into two or three Proof Officers' Handbooks of information formerly contained in various pamphlets and sheets the only index to which was the memory of certain officers who had been some time in the service.

Ammunition

An average day in July, 1917, released 20 lots of ammunition worth 165,000 dollars. Recently we have released in one day 198 lots of ammunition valued at 3,000,000 dollars.

But these facts in no way represent what has been accomplished in ammunition production during the short space of fifteen months, as the ammunition used today is entirely different from that which was being manufactured last year. The most notable changes are in the entirely new sizes, and the adoption of such radical departures in design as the point fuze shell point detonating fuze, gas shell, mechanical time fuze, anti-aircraft ammunition, airplane drop bomb, trench warfare material and new explosives.

Experimental

The experimental work in connection with the above innovations to demonstrate their value and practicability, has all been carried out at Aberdeen. Not only has the ammunition changed, but just as radical changes in design of guns and carriages have been made. The pilot gun and carriage of each new type considered by our army have been thoroughly tested here, as have been the first five guns and carriages produced by every maker of artillery for this government during the present war. For example: the practicability of the American design 75 mm. Gun and Carriage was demonstrated here by the most exhaustive tests on record, over 20,000 rounds being fired on each of two car-

(Continued on Page 185)



For Your Civilian Clothes

What you want in Clothing, Haberdashery and Automobile Apparel today is authentic style, known value and responsibility behind them. Remember that the house of **Mac DONALD & CAMPBELL** enjoys a landwide reputation for all these essentials. : : :

Sack Suits
Evening Dress Suits
Tuxedo Suits
Overcoats
Cloth Raincoats
Waistcoats
Knitted Sweater Coats
Hats
Riding Breeches
Automobile Apparel
Silk Neckwear
Knitted Ties
Gloves
Lined Gloves
Leather Belts
Shirts
Dress Shirts
Collars
Cuff Links
Half Hose
Suspenders
Handkerchiefs
Knitted Mufflers
Robes
Leather Bags
Pajamas
Night Shirts
Underwear
Umbrellas
Walking Sticks
Suit Cases

MacDonald & Campbell
1334-36 Chestnut St.
PHILADELPHIA.



Hotel Majestic

COPELAND TOWNSEND

Central Park West

at the 72nd St. Motor Gateway

NEW YORK

Readers of this publication appreciate the home atmosphere
and refined environment of the Majestic.

Near the center of interest---comfortably distant from the
area of confusion.

A Hotel of Distinction

For Guests of
Discrimination

With

Tariff in moderation



HOTEL DEWEY

WASHINGTON D. C.

IN order to meet after-war conditions the DEWEY HOTEL, situated in that exclusive residential section, at 14th and L Streets (5 minutes' walk from the White House), has opened its doors to transient guests.

For many years the Dewey has been the official residence of Senators and those prominent in official life of the Capital. The accommodations are limited, and only those whose presence will be compatible with its clientele will be accepted. It will be best to make reservations by letter.

Room tariffs, illustrated brochure, restaurant charges and other information may be secured by writing.

FRANK P. FENWICK



DRAWING ROOM EFFICIENCY:

A Good Draughtsman Using a
**SPHINX ADJUSTABLE
DRAWING TABLE**

— With a —

**SPHINX PARALLEL RULE
ATTACHMENT**

— and —

F.W.&Co's.MATERIALS

INSTRUMENTS OF PRECISION

Planimeters, Pantographs, Transits,
Levels, Anemometers, New and
Second Transits and Levels.
Repairing Solicited.

Blue and Brown Print Papers
Sphinx direct Black-Line Papers
(Water developed)

Everything for
Engineer, Draughtsman
and
Artist.

CATALOGUE ON REQUEST.

F. Weber & Co.

Manufacturers & Importers Since 1852.

Main Office and Factories:

PHILADELPHIA, PA.

BRANCHES:

St. Louis, Mo. Baltimore, Md.



The Functions of the Proof Department

(Continued from Page 182)

riages. The possibility of mounting certain guns on tractors was determined here, and here the first tractors, tanks, etc., were tried.

The Aberdeen Chronograph, the simplest and most efficient apparatus for measurement of the velocity of a projectile was conceived and designed at Aberdeen and is now in use at a great many other places, as well as at Aberdeen.

The work of the Range Firing and Ballistic Computation Sections on range tables, countour of projectiles, rotating bands, etc., has the greatest apparent possibilities for the improvement of ammunition, and the Railway Artillery work has demonstrated the practical value of many novel ideas in the construction of the heaviest artillery.

In addition, a large number of guns and carriages of all sizes have been accepted and packed at Aberdeen for overseas service.

Safety First

At this point it seems pertinent to remark on the efficiency of a very small, but important, feature involved in the handling of a large amount of explosives, all of which were in a questionable and many in an actually dangerous state. There have been for a considerable portion of the past year about 150 officers and 1000 enlisted men engaged in proof work, and a great number of laborers not in proof work, but for whose safety the Proof Department was responsible. The work has in many cases been of the most hazardous character involving the recovery and disassembly of unexploded projectiles, the observation of hundreds of thousands of detonations, principally from improvised bombproofs, or from such natural cover as could be found and the handling of experimental explosive material. In spite of this, however, no one not connected with proof work has ever been injured by it, and there have been only three fatalities among those engaged in proof work.

In conclusion it should be noted that the organization of

(Continued on Page 187)



Supplee-Biddle SERVICE



Call the
Government Department

FOR YOUR NEEDS IN THE

General Hardware

Cutlery

Contractors' Supplies

Shipbuilding Supplies

and---

Kindred Lines



**Supplee-Biddle
Hardware Co.**

PHILADELPHIA





"The Reserved Four"

PENNSYLVANIA DOOR & SASH CO.

JAMES A. CHEYNE, PRESIDENT
FRED W. ROCKWELL, VICE PRESIDENT
ARMON E. O'CONNOR, SECRETARY

Philadelphia, Pa.



BROMO~ SELTZER


FOR
HEADACHES

MADE IN BALTIMORE.
EFFERVESCES EVERYWHERE.




KEYSTONE SUPPLY & MFG. CO.

Pipe
Valves
Fittings, Etc.
Fine Plumbing
Materials




Water Work
Systems
and
Pipler's Furnaces



Keystone Supply
& Mfg. Co.

907-949 N. 9th St.
PHILADELPHIA, PA.



The Functions of the Proof Department

(Continued from Page 185)

the Proof Department had only been completed in the rough when the Armistice was signed. We had been operating and constructing simultaneously. The latter was practically over.

The rough layout of the organization comprehended the following main essentials:

(1) A trained personnel, which could be readily expanded, or transferred without loss of efficiency or accuracy.

(2) All ranges so located and constructed as to provide for operation at capacity, continuously, twenty-four hours per day, if need be, without interference with each other, and each range was itself capable of ready expansion.

(3) With the newly designed water butts and water fragmentation pits in operation, and perhaps the addition of a trench mortar detonating range for which space was available within easy reach of a concrete road and the refinement of organization which could have been carried out at the completion of construction, the Proof Department would have been capable of handling expeditiously all work contemplated and in the amount which would have been called for by our activities abroad.

We have made the following developments:

All experimental firings in connection with point detonating fuzes; boosters and explosives for artillery and trench warfare shell; determination of propellants for all new guns and trench mortars; experimental firings of time fuzes, and development work in connection with 75 mm. Field Gun, Model of 1916, and Aberdeen Chronograph. We have also done all the preliminary tests of all new guns, as well as tested the first five guns and carriages from every manufacturer.

Range firing methods have been greatly improved by various innovations, such as the taking of the air density, temperature and wind velocity at various altitudes. Ranges have been greatly increased by our work on the shape of projectiles and rotating bands.

(Continued on Page 190)



ROYAL GRANITE ENAMELED WARE

THE STANDARD
GREY ENAMELED
WARE FOR MORE
THAN 40 YEARS.

It is made under a patented process with REAL GRANITE, that makes the surface non-porous and durable. Acids do not affect it.

Each Piece Bears the Now
Familiar Nesco Boy Label

Made Only by the

National
Enameling &
Stamping Co.

St. Louis, Mo.
Granite City, Ill.
New York
Milwaukee, Wis.

Baltimore, Md.
Chicago, Ill.
New Orleans, La.
Philadelphia, Pa.

“Over the Top”



SMOKELESS POWDERS

for

Rifles

Revolvers

Automatic Pistols

Rifle Smokeless Division

E. I. du Pont de Nemours & Co.

POWDER MAKERS SINCE 1802

Wilmington

Delaware.

“Always on Top”



SPORTING POWDERS

for

Hunting

and

Trapshooting

Shells loaded with

DUPONT

SCHULTZE

BALLISTITE

break records and fill game bags

Sporting Powder Division

E. I. du Pont de Nemours & Co.

POWDER MAKERS SINCE 1802

Wilmington

Delaware

TELEPHONE—MT. VERNON

1144
1145
162

FACTORY REPRESENTATIVE



J. R. M. Adams

Builders
and
Contractor's
HARDWARE

EUTAW AND
FRANKLIN STS.

BALTIMORE,
MD.

ESTABLISHED 1891



The Functions of the Proof Department

(Continued from Page 187)

Among the tractor developments have been the demonstration of the practicability of mounting large guns on tractors, and the testing of various types tanks and tractors.

We have made the following range tables:

37 mm. (field and tank guns); 2.95-inch mountain gun; 75 mm. guns (American, British and French models) firing shrapnel high explosive and gas shells and anti-aircraft shrapnel; 4.7-inch gun firing shrapnel and high explosive shell; 155 mm. howitzer; 8-inch howitzer; 5, 6, 8 and 10-inch sea coast guns; 14-inch naval gun, 3 and 6-inch Stokes Mortars; 8-inch Livens projector.

In addition to the actual work of range table construction distinct advances have been made in both the practical and theoretical aspects of ballistics. This embraces, among other things, improvement in shell design, determination of the effect of the earth's rotation on range, and improvement in range table methods for anti-aircraft and flat fire guns.

All this work has involved firing approximately 425,000 rounds at the Proving Ground, about five times the cannon rounds fired in the Franco-Prussian War which used more ammunition than any in history.

Meteorological Section

(Continued from page 110)

any common type of gun fired at any ordinary angle of elevation. From these values the correct ballistic wind and density curve can be computed for the particular gun being fired. The use of these results has greatly assisted the Range Firing Section.

The Meteorological Station, because of its novelty and usefulness, has been a place of both information and interest on matters of the air to the Post in general. And because the Meteorological Section is comparatively new, and as the Aberdeen Station is the most active in the

(Continued on Page 204)



**HEY
FELLOWS!**

**Here's the Place
to get your
Army Supplies!**

Baltimore's Biggest Military
Supply Store.

**The Military Men of Uncle
Sam will always find
a most complete
line of**

**ARMY AND NAVY
SUPPLIES**

at our store

Uniforms

Overcoats

Rain Coats

O.D. Wool Shirts

Khaki Shirts

Sweaters

Hose.

Officers Cordovan Shoes

Herman's Munson Shoes

Dress and Field Boots.

Guyer Army Hats

Officer's Caps

Gloves

Leggings

Mattresses

Army Cots

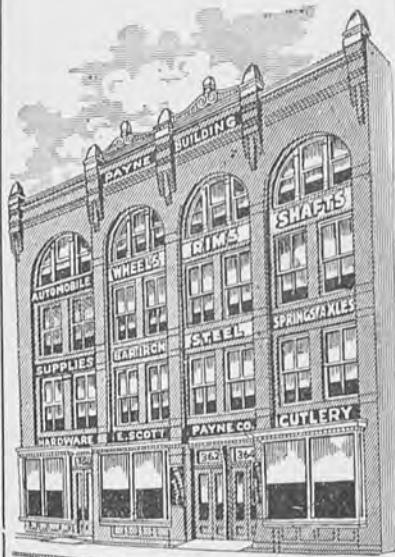
Insignia for All Branches of
the Service.

When in need, write us for Prices
and Catalogue.

HANN-MILLER CO.

11 W. Fayette St.

BALTIMORE, MARYLAND.



E. SCOTT PAYNE COMPANY

A. J. DIETRICH
President

A. C. DIETRICH
Treas. & Mgr.

W. T. DIETRICH
Secretary

Hardware and Cutlery

PHONES:

C. & P. St. Paul 4165

C. & P. St. Paul 4166

C. & P. St. Paul 4167

WAGON BUILDERS' AND
HORSESHOERS' SUPPLIES

360-362-364
North Gay Street

Baltimore, Md.

WAREHOUSES
326 N. Gay St. & 402-404 N. Exeter St.

The Service Department

(Continued from Page 26)

performing its assigned duties in happy co-ordination with the many other departments of the Post.

At the the beginning of the year train-load after train-load or ordnance, building material and equipment was rushed into the Proving Ground with the result that all available track space was over congested. The totally inadequate roads and railroads, the unsystematized garage, horse, mule and rail transport facilities prevented the proper handling of the immense quantity of freight and the large number of employees. To relieve this unfortunate condition every available man was assigned to the tasks of unloading freight at the most suitable places, moving these same materials to the points where they were to be used, placing the machinery equipment where it could be put to work, and dragging guns up to the so-called "front" in order to expedite the prime object of the Post.

The next logical step was to establish the Transportation Department with the subdivisions of railroad, garages, stables, boats, each as an accessory to the others yet a separate unit to itself. These four means of transportation soon operated so quietly and easily that one might think the need of them had ceased and all this, despite the fact that the total of freight and employees handled per day increased steadily up to the signing of the Armistice.

With the rapid increase in trackage and the addition of considerable new rolling stock, locomotive cranes and other equipment to the railroad, it seemed advisable to release another matured fledgling from the service nest. The Aberdeen Proving Ground Railroad was therefore detached and placed under the able management of Major J. C. O'Dell. We need hardly say that it compares favorably with any other line of its size in the country and excels many larger and older ones.

The boats otherwise designated as the Water Transportation Department carry freight and passengers to all points on the eastern and western shores of the Chesapeake within a ra-

(Continued on Page 194)



DODGE BROTHERS BUSINESS CAR

THE TIRE MILEAGE
IS UNUSUALLY HIGH



THE GASOLINE
CONSUMPTION IS
UNUSALLY LOW



The Eastwick Motor Co.

120-26 W. NORTH AVE

BALTIMORE, MD.

PRINTING SERVICE

MEANS

TAKING COMPLETE CHARGE
OF YOUR PRINTING PROBLEM,
FROM THE PREPARING OF
THE DUMMY, THE MAKING
OF THE NECESSARY SKETCHES
AND DRAWINGS, THE SELECT-
ING OF THE TYPE, PAPER
AND COLORS, THE MAKING
OF THE ENGRAVINGS—AND

*DELIVERING THE JOB
TO YOUR SATISFACTION*

THE INDUSTRIAL PRINTING COMPANY

Industrial Building
Preston Street and Greenmount Avenue
BALTIMORE, MD.

TELEPHONE, MT. VERNON 598-599



ESTABLISHED 1804

INCORPORATED 1904

STATIONERS
PRINTERS AND
OFFICE FURNITURE



SALES ROOMS & OFFICE: 221-223 E. BALTIMORE ST.

FACTORY
WATER, BOWLE & CHEAPSIDE

WAREHOUSE
SOUTH STREET

BALTIMORE -- MARYLAND

WORK BY WIRE



LARGE STOCK
OF ALL MODERN
ELECTRICAL
APPLIANCES

SOUTHERN ELECTRIC COMPANY

14-16 LIGHT ST.

BALTIMORE
MD.



The Service Department

(Continued from Page 191)

dus of thirty-five miles of the Main Battery. Observers and Military Police are taken to and from the various observation stations along the Bay; the restricted waters of the Chesapeake are patrolled continually by high-speed motor boats, to protect shipping from the rain of shells which are ever falling there from the various batteries.

The Garage maintains an effective dispatching system, by which cars handle passengers to the various ranges, trucks transport quantities of freight to points not reached by rail, and tractors and trucks deliver both guns and ammunition to the batteries extending over a distance of five or ten miles. With the building of many miles of concrete roads and the improvement of other roads, the work of the department has grown rapidly in usefulness.

For the purpose of moving lumber, feed and freight through certain parts of the reservation, not as yet developed, and for the recovery of shells at inaccessible points on the ranges, it is necessary for a large number of teams to supplement the motor transport. The required teams have been provided and they work in perfect harmony with the other branches of the Transportation Department, notwithstanding the fact that many of the teams are mules.

The vital matter of supplying light, power, heat, water and sewers for the various housing facilities, of joining all parts of the 40,000 acres of undeveloped territory with wire communication as well as connecting up the Eastern Shore of the Chesapeake with wireless telephone and finally, the furnishing of refrigeration for the various powder magazines and Quartermaster stores, made it advisable to unite another large group of activities under the one head "Utilities Department." The components of each of these utilities have been made into a distinct unit but with all working in unison. These facilities which furnish the comforts and necessities for subsistence and for the operation of this entire reservation, have been thus compactly and effectively combined into one department.



R. W. Norris & Sons

AUTO SUPPLIES
CARRIAGE GOODS

HORSE SHOES
BLACKSMITH TOOLS
AND SUPPLIES

342-8 N. GAY STREET

BALTIMORE, MD.



SHERWOOD BROTHERS

MANUFACTURERS OF

OILS AND GREASES

PLANT —
HIGHLANDTOWN

OFFICE
1208-14 GARRETT BLDG
BALTIMORE, MARYLAND.

It is certain that with the limited facilities, inadequate equipment and other handicaps too numerous to mention, the personnel of the Service Department, with credit, met promptly all demands made upon it. This is clearly manifested by the fact that up to the time of the Armistice every Ordnance program and every acceptance test was carried out in full detail within the time set by the authorities at Washington.

The Post Office

(Continued from page 135)

sands. A modern stamping machine which stamps them to the "tune" of 800 per minute has replaced the old hand stamping device.

But not content with these improvements, Lieutenant Brainerd and Sergeant Evatt, to whom a goodly part of the operation of the office was left, set about remodeling the inadequate plan of delivering the mails to the orderlies at the Post Office. After testing several systems they finally decided on the present very satisfactory method.

Today, after several months of rushing and crowding in the Post Office for the mails, the orderlies instead receive all company matter at their very doors, delivered by Privates Jewell and Krunzig.

Then again that special delivery letter from home, telling of baby's cutting its first tooth or of sweetheart's fond thought of her hero at camp, is delivered within an hour of its arrival by the ever pleasant Private Heaber Stevens.

A glimpse of the interior workings discloses a very hive of activity. Corporals Ellis and Bieze can be seen rapidly working, putting forth every effort to expeditiously dispatch your letters. You speak to general delivery clerks Hubbs and Batherman between waiting on the anxious inquirers for mail and you soon realize that aside from their ability, courtesy is their premier quality. The money-order and registry divisions are ably handled by Corporal Hamilton and Private Steiz so much so that they rank with the best.

Last but by no means the least

(Continued on Page 204)

CHAS. C. CARVER, Prop.

B. G. JOHNSON, Mgr.

C. & P. PHONE



Chas. F. Eareckson & Co.

Sails
Awnings
Tents
and
Flags

Cotton Duck and
Canvas Covers.



304-308 East Pratt Street

Baltimore,
Md.

Meyer & Thalheimer

The Big Stationery Store



Office Furniture

Printing

Stationery

Loose Leaf Ledgers
and Supplies



10 and 12 North Howard Street
Baltimore, Maryland



15 SARATOGA ST., WEST.
BALTIMORE, MD

When the uniform comes off —

WHAT will take its place?

Remember, it isn't the uniform that makes the soldier, and it takes more than clothes to make the man; but advancement and position in life depend to a large degree upon the *impression* you create.

Let the right clothes make that impression as favorable as possible. When you get back to civil life you will want to be at your very best, and the highest quality of tailoring and materials will prove the most economical in the long run.

Our line of suitings comprises nothing but the finest importations. Our tailoring has behind it a record of the most exacting patronage.

Next time you come to Baltimore stop in and look at our line. On Saratoga, West, half a block from Charles.



ROYAL FLUSH VALVES

Awarded
GOLD MEDAL
San Francisco
1915



Cannot be
Held Open
to Waste
Water

Used extensively in U. S. Government Buildings,
a few of which we list as below:

U. S. Proving Grounds, Aberdeen, Md.
U. S. Naval Academy, Annapolis, Md.
U. S. Filling Plant, Edgewood Md.
State, War & Navy Building, Washington, D. C.

The Royal Flush Valve presents many practical advantages for flushing water closets, urinals and slop sinks. It is noiseless, easy to operate, simple in construction, and is the only valve that flushes the same amount of water at each operation regardless of whether the handle is held or released --- a very important feature where the water supply is metred.

We invite you to inspect these Valves at our Display Rooms.

The James Robertson M'f'g. Co.
106-108 Hopkins Place,
BALTIMORE, MD.

THE JEWELL SUPPLY AND EQUIPMENT CO.

INC.

Railroads

Mines, Mills

and Contractors

Machinery

Supplies

Equipment

Low Prices

Quick Delivery

34 S. Calvert Street

Baltimore, Md.

Shops Department

(Continued from Page 27)

Carpenter Shop

This shop, 200 feet long by 70 feet wide, was laid out with the same purpose in view and designed on the same scale as the Machine Shop, to handle the necessary work in conjunction with the Proving Ground, similarly to that of the Machine Shop, and with the same degree of efficiency.

It differs in one respect from the Machine Shop in that the appliances of the Machine Shop are to be driven entirely by direct current motors, while all the machinery of this shop is to be driven by alternating current motors.

Forge Shop

This shop, 160 feet long by 50 feet wide, was laid out with sufficient machinery to accommodate the work of the Proving Ground in the same manner as that of the Machine Shop, and a sufficient heat treating plant was included to be able to handle, particularly, development work. It is to be situated within a short distance of the Machine Shop, where it can receive and deliver work quickly between the shops. Here all the machinery is to be driven by direct current motors, excepting the large hammers, which will be steam operated.

Sheet Metal and Pipe Shop

This building was designed to accommodate the sheet metal and pipe work of the Proving Ground. In this is included all plumbing, heating and ventilation. A portion of the shop was set apart for the electrical work, so that all this might be done contiguous to the other shops. Here, too, the building was so laid out as to facilitate operations.

Paint Shop

This was planned with sufficient space to accommodate all that can be done indoors, and a large enough space left for the preparation of paints and for the storage of finished work.

Personnel

A careful study of the personnel requirements for operating and supervising all shops was made to determine the necessary organization. It has been determined that to operate under the

(Continued on Page 204)

RED SEAL DRY BATTERY

GUARANTEED

to give perfect satisfaction under
the most exacting conditions.



We are Manufacturers of over 1000
different items of electrical equip-
ment including

Bells, Batteries,
Telegraph Instruments,
Wireless Apparatus,
Battery Connectors,
Separable Attachment Plugs,
Electric Lanterns, Etc.,

all of which are shown in our cata-
logue. Ask for a copy or call at
any one of our three New York
Stores.

Manhattan Electrical Supply Co.

Inc.

New York

17 Park Place 110 W. 42 St.
127 W. 125 St.

Chicago - St. Louis - San Francisco

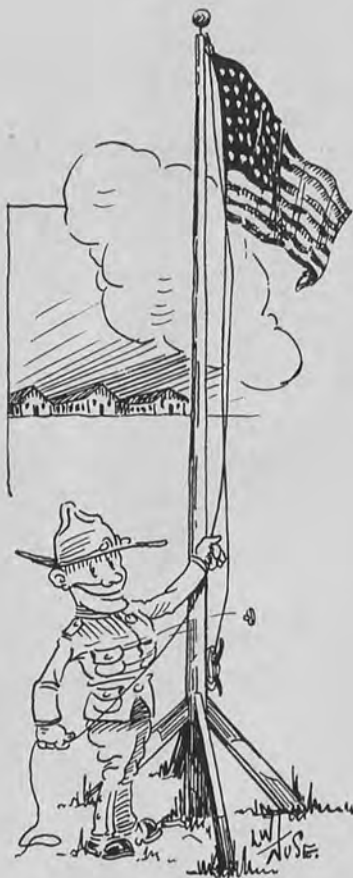
Factories:

Jersey City, N. J. St. Louis, Mo.
Ravenna, O.



WILL YOU EVER FORGET?

The First Time You Tried Squads
Right



WILL YOU EVER FORGET?

The First Time You Were "Com-
missioned" to Raise "Old Glory" at
Reveille

Aeronautics at Aberdeen

(Continued from Page 116)

planes that we were to use and it was a matter of weeks before we were ready for the actual work of dropping bombs.

Attached to the Ordnance Department for this work, however, we soon got in full sway, and, under the capable supervision of Ordnance officers, the work went smoothly. Scores of bombs, fragmentary, and incendiary, were tested.

Bomb dropping by airplane, by the way, might truthfully be classed as an art. Imagine yourself in a position above the world where the whole surface of the earth was absolutely flat; imagine a speed of the plane, averaging from one hundred to one hundred and twenty miles per hour; imagine a small target on the earth, thousands of feet below you and you have a vague idea of the difficulties of bomb dropping. There must be reckoned the speed of the plane, the height, the wind and the weight of the missile to be dropped. Taking it all in all, can you imagine a more difficult game? It is like standing on the roof of a sky scraper and, with an orange, crowning some innocent individual passing below.

Lieutenant Bennet of this organization, a bomber of no mean repute, can tell you of the difficulties he has experienced in endeavoring to hit a barn on the bombing field here. He has released scores of bombs and confesses with chagrin that the barn is still intact.

As some people are under the impression that the bombs are thrown over the sides of the plane by the bomber, I should like to contradict that idea. They are attached beneath the fuselage or body of the machine and are released by the bomber from the rear cockpit. The number of bombs that a ship can carry varies of course with the type of plane being used and the weight of the bomb to be dropped.

Thus, to test the death dealing power of America's aerial missiles is why this aero squadron found itself at the Aberdeen Proving Ground. This war has most assuredly been the making of airplanes, and without a doubt the airplanes have played a conspicuous part in the destruction of war.

Private Jerome B. Gray.

HARLEY- DAVIDSON MOTOR CYCLES

Ask the Man
in the Service



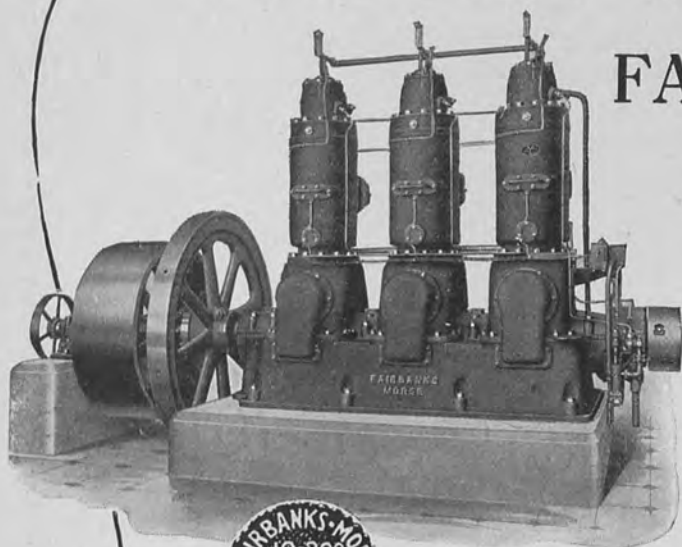
Harley-Davidson
Motor Cycle Agency

611 W. North Ave.

Baltimore, Md.

PROVEN IN SERVICE

FAIRBANKS-MORSE



"Y" Oil Engines
Railway Motor Cars
Push Cars
Velocipedes
Stand Pipes
Electric Motors
Water Systems, Etc.



FAIRBANKS, MORSE & COMPANY
BALTIMORE, MD.

The STORE for MEN

gratefully acknowledges the patronage of
and extends best wishes for the future to

Colonel William A. Phillips

and

His Organization of Loyal Americans

at

Aberdeen Proving Ground

HUTZLER BROTHERS & CO.

BALTIMORE

Established 1805

Anderson & Ireland Co.

Louis Moller, President

Hardware

*Yale Locks
Stanley Tools
Sargent Hardware
Rodgers Cutlery
Disston Saws
Rubber Roofing
Ammunition
Guns and Rifles
Lawn Mowers
Mill Supplies*

111-115 Light Street

Baltimore, Md.



The Story of Rapid Fire

(Continued from page 140)

This short sketch cannot devote much space to the beginnings of things. Captain Day, an ex-newspaper man, sponsor for the unborn sheet, routed the **request-to-publish** via military channels, through to Major Spalding and back to the Staff—in double time. Although the hours left to each of the men after a strenuous day out front or a gruelling one at some clerical task were few, the “paper” had to be gotten out. No time was lost once the stamp of approval issued. On May 6th, the date on which the “Y” opened officially, Vol 1., No. 1, of RAPID FIRE made its appearance.

From less than 1000 men and officers on the day RAPID FIRE went to press for the first time, Aberdeen Proving Ground has grown to nearly six times the strength in personnel. From an initial run of 750 copies—the last issue of the paper, No. 33, was 3500. Regularly, on Thursday morning of each week, from the 16th day of May when No. 2 was put on sale, the chronicle of the Post has been out “on the dot.”

Of the difficulties encountered and the trials, some few triumphs too, we shall make no mention here. These are but incidents in the story of half a hundred camp papers the country over this year past. But, in that from cover to cover little old R. F. has always been a product of the Proving Ground; that it has never run a “stick” of “boiler plate”; that we have filled with stuff born right at A. P. G.—we are just a wee bit proud of ourselves and of our record.

To the forty-eight states of the Union, and the men of Aberdeen claim homes in all of these, RAPID FIRE has gone forth week after week, an intimate document “of you and your buddy, of me and mine.” We have not set up the ideal of simon-pure literature and consigned to the waste basket contributions that sometimes fell short of the perfect in style and rhetoric. Rather have we sought after the human touch and the personal interest. And around “Fragments,” from week to week,

(Continued on Page 204)

C. W. Baker & Sons.

PACKERS

BROKERS

and

COMMISSION

MERCHANTS

Make a specialty of
Whole Grain Fancy
Shoe Peg Corn and
Tomatoes. No section of the United States is better adapted for growing both articles.

Baker's corn has an
established reputation.

CORRESPONDENCE INVITED.

C. W. BAKER & SONS

ABERDEEN, MD





Hotel Martinique

Broadway, 32nd & 33rd Sts.
New York

One block from Pennsylvania Station
Baggage Transferred Free

Equally Convenient for Amusements
Shopping or Business

Direct Entrance to Broadway Subway
and Hudson Tubes

600 ROOMS - - - 400 BATHS

RATES: From \$2 Per Day

A SPECIALTY

155 PLEASANT ROOMS WITH PRIVATE BATH

\$3 Per Day

The Martinique Restaurants Are Well Known
For Good Food and Reasonable Prices.

Alexander M. Hanline
Simon M. Hanline

Established 1848



HANLINE BROTHERS

PAINT MANUFACTURERS

Office .. 23 to 25 S. Howard St.
 Warehouse .. 30 S. Liberty St.
 Factory .. Sharp & Ostend Sts.

PREPARED FOR PRACTICAL
 PAINT PURPOSES

BALTIMORE, MD.

Meteorological Section

(Continued from Page 190)

service, many officers and men from other places, prominent in artillery, ordnance and aviation have come here to investigate the work. We can justly be proud of our Meteorological Station and the work that it is doing.

Sergeant Waldeman Noll, S. C.

The Post Office

(Continued from Page 195)

of this well trained corps is Private Anunciato whose efforts are directed toward the parcels of good things to eat sent by the folks back home.

From this all too short sketch of so important a branch of work performed by the enlisted men on this Post, it can readily be seen that every man has done his duty and has done it well and with pride therefore do we point to the part the Post Office has played in bringing autocracy to its knees.

Private John Stiez.

WHAT'S A MATTER
WITH YOU ANY HOW?
DON'T YOU KNOW I'M
THE MAIN CHEESE
AROUND HERE AT THIS
TIME O' NIGHT? I'M
THE BOSS AN' WHEN
I SAY HALT IT MEANS
HALT - GET ME?
WHY THE IDEA -
YOU MUST THINK YOU
CAN RIDE ME BECAUSE
YOU GOT
SPURS ON.



WILL YOU EVER FORGET?

The First Time You Stood Guard and You Had
Occasion to Lay Down the Law to That Second
Lieutenant

Shops Department

(Continued from Page 199)

best condition (bearing in mind the shortage of labor), parallel groups consisting of civilian and enlisted help will be necessary.

The personnel of each shop was then so subdivided as to admit of the interchange of these groups, in the event of the loss of one or the other. Incidentally it was contemplated to supply the required enlisted help by giving the necessary vocational training to those who were considered good material for machinists or other mechanics in the various lines of work.

The Story of Rapid Fire

(Continued from Page 202)

as history was in the making here on the shores of the Chesapeake, we have endeavored to write the record much as any of us would in a letter to the folks back home. How well we have achieved that ambition the boys up at the P. O. can tell best.

"One of the Three."

Business Directory of ABERDEEN, MARYLAND

SEVERAL THINGS.

There are several things to be considered in selecting your bank.

- 1st Strength---financial strength.
- 2nd The care with which the bank is managed.
- 3rd The courtesy and spirit of accommodation displayed by the officers and employees.
- 4th The banking experience of its officers.
- 5th The ability of the bank to properly and promptly handle all of your business.

To those wishing desirable banking relations, we offer our services as an old established, permanent, conservative and accommodating bank, promising courteous treatment and careful attention to all business intrusted to our care.

THE HARFORD BANK BELAIR, MARYLAND.

CAPITAL \$50,000.00

SURPLUS \$50,000.00

COUNTY BRANCHES

ABERDEEN - - DARLINGTON - - JARRETTSVILLE

Business Directory of ABERDEEN, MARYLAND

UNITED STATES GOVERNMENT DEPOSITARY

FIRST NATIONAL BANK

ABERDEEN, MD.

SEPTIMUS DAVIS, PRESIDENT

D. R. JAMISON, CASHIER

DIRECTORS

CAPT. G. H. BAKER
H. R. BAKER

JOHN M. MICHAEL
H. H. MITCHELL

MORGAN MITCHELL
SEPTIMUS DAVIS

CAPITAL \$50,000 - - - SURPLUS AND UNDIVIDED PROFITS \$50,000

COLLECTION DEPARTMENT

WE MAKE A SPECIALTY OF HANDLING COLLECTIONS FOR CLIENTS
LOCATED IN ANY PART OF THE COUNTRY.

SAVINGS DEPARTMENT

INTEREST PAID ON SAVINGS DEPOSITS

Business Directory ABERDEEN, MARYLAND



"THE QUALITY TIRE"

GOODYEAR CORD TIRES

Stop in at Smith's Garage for an introductory set of Goodyear Cord Tires. We have a proposition that will interest you. Also Ford Automobiles, parts and accessories. Expert service at all times.

JOHN H. SMITH
ABERDEEN, MARYLAND.



A STEP FROM
The First National Bank

Aberdeen Opera House

The best in
Moving Pictures —
Paramount Art-Craft
Pathe Weekly

Aberdeen Amusement Co.

B. B. Middleton, W. H. Rawhouser, Jr.
J. W. Cronan.

Septimus Davis

ATTORNEY-AT-LAW

Aberdeen, Md.

To Our Friends In Aberdeen

Soon we expect to leave for regions remote. As we go we shall strive to forget a great many of the occurrences of the past eighteen months. But there are some things which we cannot and will not forget, and foremost among these stand the courtesy, hospitality and interest in our welfare of the people of Aberdeen. We hope that continual peace will obviate the necessity of our return to military life; but we carry with us many pleasant memories of your kindness.

The Boys of A. P. G.

W. N. Adams & Son

MEATS & PROVISIONS

ABERDEEN, MD.

E. DELL & CO.

DRUGGISTS

ABERDEEN, MD.

Business Directory ABERDEEN, MARYLAND



Right at the Pennsy Railroad crossing. Stop in and try our home-cooking—you'll like it. Our prices are right, and our service the best.

Cannon Ball Restaurant

A. J. HUTNER, Prop.

Aberdeen, Maryland

- THE - ABERDEEN INN

Broadway, North of Belair Ave.
ABERDEEN, MD.

I. O. GILBERT, Proprietor
HOME COOKING

ESTABLISHED 1887

GEO. SLEE & CO.

GENERAL MERCHANDISE

Near B. & O. R. R. Station

ABERDEEN, MARYLAND.

ABERDEEN BAKERY

THOS. E. KIRBY, Prop.

ICE CREAM AND CONFECTIONARIES

Aberdeen, Maryland

BOWMAN & MITCHELL

MEATS
GREEN GROCERIES
AND PROVISIONS

ABERDEEN - MARYLAND

E. W. BONNETT

LADIES' & GENTLEMEN'S
FURNISHINGS

Agent for Steam Laundry

ABERDEEN, MARYLAND.

Henry Tarring & Sons

WHOLESALE & RETAIL

HARDWARE

FUNERAL DIRECTOR

Furniture and Farm Implements

— AGENCY FOR —
Dodge Brothers Cars

ABERDEEN, MARYLAND.

Business Directory ABERDEEN, MARYLAND

HARRY O. IVINS

: DRUGGIST :

Our aim is to give the best possible service
whether it be at the soda fountain or in
the filling of the most exacting prescriptions

ABERDEEN,

MARYLAND

Wm. E. Morgan

CANNED GOODS BROKER

Aberdeen, Md.

ABERDEEN, SWEET ABERDEEN

When life in camp grew wearisome
And enough of the mud we'd seen,
We'd board the A. P. G. Express
And blow for Aberdeen.

If luck was good at dice or cards
We didn't long remain,
But simply hung around a while
Till we could get a train.

But sometimes when the cash was low,
And far we could not go,
We'd have to stay in Aberdeen
And see a picture show.

So here's a toast to Aberdeen,
Our nearest railroad point,
Although we've seen some better towns,
Old Aberdeen's some joint.

Hap E. Brok.



SOME FOOD!

Stop in for a home-like meal next time
you are in Aberdeen. We don't claim
to be the Waldorf-Astoria, but we do
make a point of giving you the best
home-like cooking and cheerful service.
Oysters a specialty—any style.
Pay us a visit — you'll come again.

Harford Restaurant

H. De LONG, Prop.

(a step from the Penn. Depot)

Aberdeen,

Maryland

A. I. McCORD CO.,

202 West Water Street
SYRACUSE, N. Y.

CANNED FOOD BROKERS

Canned Foods, Ketchup, Vinegar, Kraut, Etc.

— BRANCH OFFICES: —

Buffalo, N. Y.

442 Ellicott Square

Scranton, Pa.

323 Coal Exchange

Boston, Mass.

321 Board of Trade Bldg.

Pittsburgh, Pa.

4127 Jenkins Arcade

Aberdeen, Md., Belair Ave.

Berman's Department Store

GENERAL MERCHANDISE
CLOTHING AND SHOES.

The same goods as elsewhere,
cheaper than anywhere.

ABERDEEN,

MARYLAND.

Business Directory of HAVRE DE GRACE, MARYLAND



A. L. LYON,

Havre de Grace, Md.

PRESCRIPTIONS
CIGARS, CIGARETTES
SODA FOUNTAIN
SERVICE WITH A SMILE

DRUGGIST



it came from
HUGHES

Like everything else bought here,
the quality is right.

Watches, Diamonds, Jewelry
Cut-Glass, Kodaks and Supplies.

Geo. W. Hughes

HAVRE DE GRACE, MARYLAND.

JOSEPH C. PARKER

Plumbing, Heating
and
Sheet Metal Work

HAVRE DE GRACE, MARYLAND.

Carroll Laundry

Havre de Grace,

Maryland.



WILL YOU EVER FORGET?

The First Time You Had Chicken
for Mess and Everybody Got a
Drumstick. (Oh Boy.)

Business Directory of HAVRE DE GRACE, MARYLAND



EXCLUSIVE
VICTOR REPRESENTATIVE

VICTOR VICTROLAS
AND
VICTOR RECORDS

J. DAVIS

Jeweler

HAVRE DE GRACE,
MD.



GREEN'S PHARMACY

Telephone your wants—

PRESCRIPTIONS compounded
with care by a competent pharma-
cist. Drugs, Toilet Articles,
Candies, Cigars, Soda Fountain.
Full line of specialties.

Washington & Congress Sts.
Havre de Grace, Maryland

DEMOCRATIC LEDGER

LEO M. MOORE, Editor & Publisher

The best advertising Medium
in Harford County. : : :

PRINTING OF THE BETTER SORT.

HAVRE DE GRACE, MARYLAND.

HARFORD HOUSE

F. B. BOYD, Prop.

Our meals have won a well-
earned reputation among the
officers and men of Aberdeen
Proving Ground. : : :

Try one --- and spend the night when
next in Havre de Grace.

TO HAVRE DE GRACE

Since THE BIG GUN will remain with many
of the citizens of Havre de Grace as a per-
manent souvenir of the year and a half dur-
ing which our country was at war, we, the boys
of Aberdeen Proving Ground desire through
these pages to extend our thanks and appreci-
ation to the people of Havre de Grace, not only
for the Service Club and other places of rest
and amusement which they have provided for
us, but also for their attitude of friendliness
and hospitality during our entire stay in their
community.

Jos. N. Hergenrother



KEEN KUTTER
TOOLS

::: HARDWARE :::

Sporting Goods Furniture.
Household Supplies.

HAVRE DE GRACE, MARYLAND.

ANGELO'S MEAT MARKET

"The Economy Store"

Dealers in

Groceries and Provisions, Live Poultry, Fresh
Butter and Eggs, Fresh Fruits and Vegetables
Daily, Fresh Teas and Coffees

111 N. Washington Street
Havre de Grace, Md.

Business Directory of HAVRE DE GRACE, MARYLAND

1904

1919

THE DAYLITE BAKERY

"AT YOUR SERVICE"

L. C. POHL, PROP.

PHONE 1842

HAVRE DE GRACE, MD.

Baldwin & Tawney's GARAGE

Machine Shop: Expert Repairs,
Supplies and Accessories —
Goodrich and Goodyear Tires

319 N. Adams St., Havre de Grace, Md.

TELEPHONE, 70

I. O. O. F. Shaving Parlor

H. W. COOLING, Propr.

Stop your fighting. Stop your fooling.
When you soldier boys want a good
haircut call on H. W. COOLING—
Proprietor of the I. O. O. F. Shaving
Parlor, *Franklin Street, opposite the
Post Office, Havre de Grace, Md.*

Everything Sanitary,

Baths in Connection

B. LEVY

Clothing, Hats, Shoes, Millinery, Dry
Goods, Men's Furnishings
and Furniture.

HAVRE DE GRACE,

MARYLAND.

Raine Printing and Publishing Company

Raine Building, Baltimore, Maryland

Printers of

THE BIG GUN

**MARYLAND
DREDGING AND
CONTRACTING CO.**

AMONG the many significant enterprises in which this Company has had a part may be mentioned the building of the world's greatest proving ground -- Aberdeen.

**1515 FIDELITY BUILDING
BALTIMORE, MD.**



Forth 'neath Winter's moon my bunkie stands
 In the snow, and weary are the faithful hands,
 Nor less the lips that---
 In art, sweet notes
 Sound Taps

