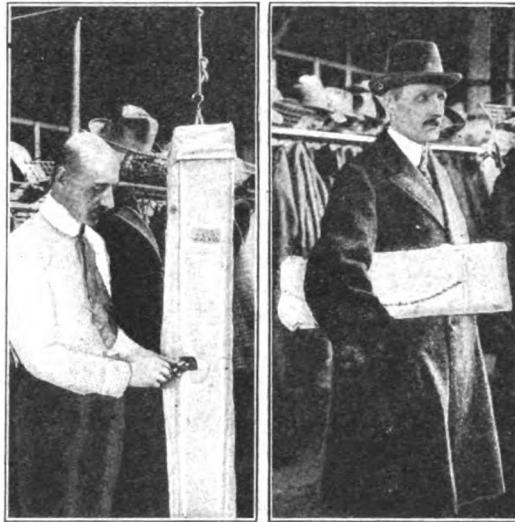
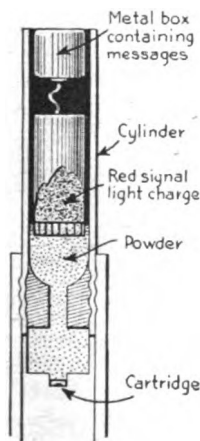


Guns That Shoot Not Shells, but Messages to Commanders

THE transmission of messages, observations or directions from the first line trenches to the headquarters of the regimental or brigade commanders behind the lines is always difficult and attended with great risks. Of course connection by telephone is maintained whenever possible. Sometimes telephone and telegraph wires are shot away. Besides, the enemy may have tapped the wires and may be able to hear every word spoken.

The Germans on the West front have used several ingenious methods for overcoming these difficulties. The observers in the observation trenches in front of the first line enclose their messages in a cylindrical metal box and shoot it by means of a grenade-thrower or a mine-thrower to the rear of the lines. The accompanying diagram clearly shows the construction of the projectile used. To the box containing the message a red-fire cartridge is attached, which is ignited by the explosion of the sending charge, and by its vivid glare plainly marks the spot where the box with the message dropped. The grenade thrower, at an elevation of thirty-two degrees, sends the box to a maximum distance of six hundred yards.

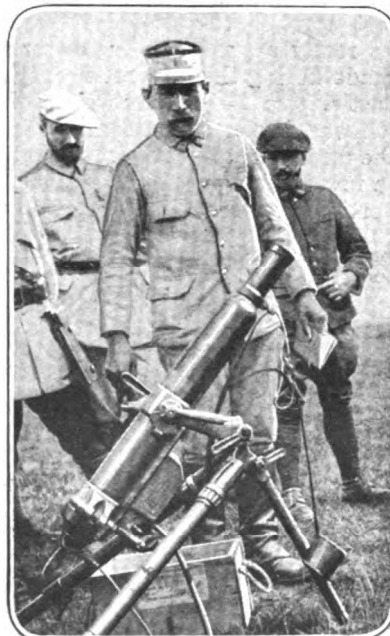


The canvas locker when made into a package and as it looks when securely closed

A Portable Canvas Locker for Use at Home or Abroad

PROTECTION for clothing not in use, whether in camp, in the home, in the factory or elsewhere, is made easy by a new portable canvas locker. The device weighs but five pounds, and may be carried under the arm when folded; yet when expanded it is fifty-eight inches high, twenty-two inches deep, and six inches wide. A mirror is set into one door.

As shown in the photographs on top, it holds a man's overcoat, coat, vest, shoes, and hat without crowding, and even has little compartments for a whisk-broom and a comb and brush. A padlock protects the contents against thieves. The canvas is impervious to dust and water. A name plate on the front, which cannot be removed from the outside, makes identification easy.



The Germans on the West front shoot off messages with mortars