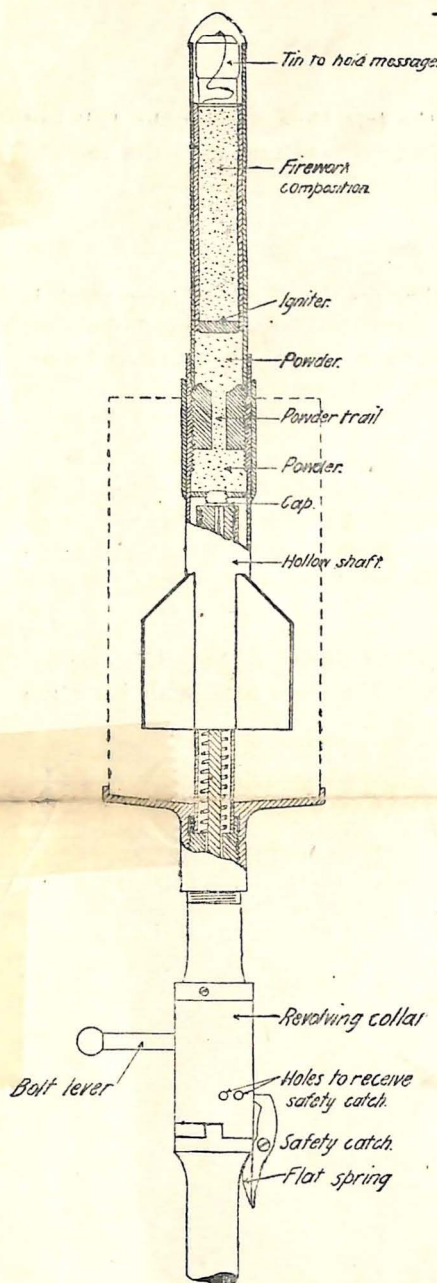




SIGNAL-THROWER.

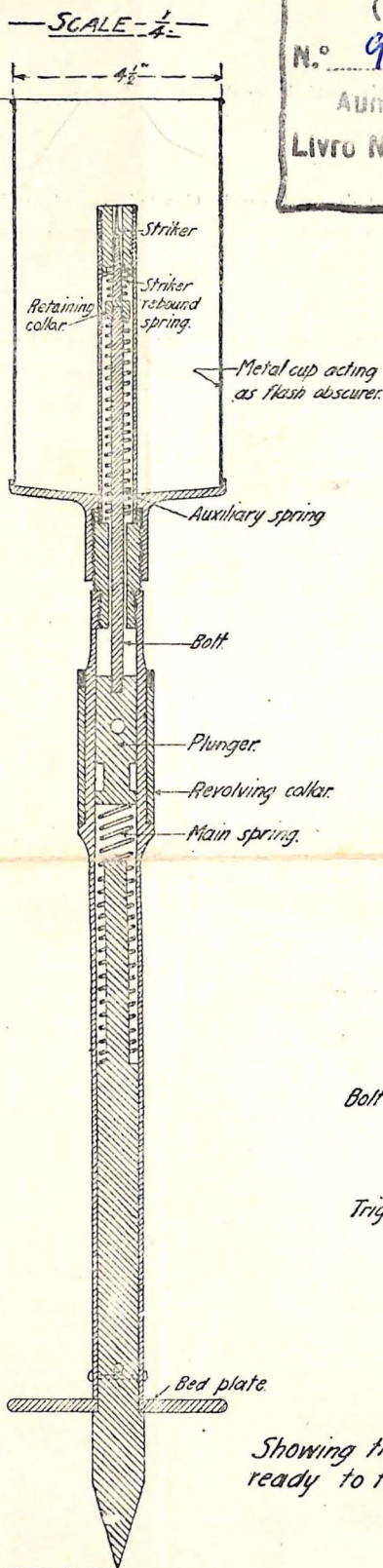
"SIGNALWERFER" or "NACHRICHTENWERFER."

MESSAGE ROCKET.

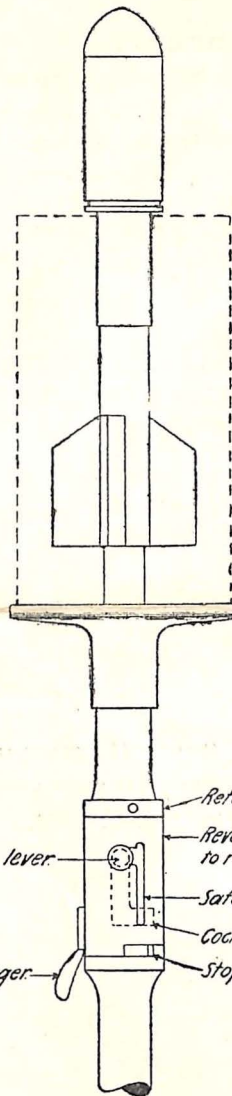


SECTION.

Showing the message rocket ("Nachrichtengeschoss" or "Meldewurfgranate") ready to fire.

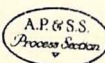


SECTION.



ELEVATION.

Showing the signal rocket ("Granatsignal") ready to fire.



The Signal-Thrower is shown in the normal safe position, that is, not cocked.

1.—DESCRIPTION.

The signal-thrower consists essentially of a rifle mechanism contained in a hollow steel rod or "stick" which is shod with a spike for planting in the ground.

The rocket is made with a hollow shaft to slip over the "stick." The propellant charge and percussion cap are contained in the body of the rocket at the top of the shaft.

2.—TO COCK THE THROWER.

Turn the revolving collar to the left and press down the bolt, turning it to the right into the slot where it is held by the safety catch.

3.—TO LOAD.

Slip the rocket over the stick and press it down.

4.—TO FIRE.

Press up the safety catch and push the trigger sharply to the left, thus forcing the bolt out of its slot. This releases the main spring which drives the striker forward and fires the rocket.

5.—EMPLOYMENT.

The following is an extract from a German document:—

"The signal-thrower or message-thrower (*Signalwerfer* or *Nachrichtenwerfer*) is designed to throw coloured lights (*Granatsignale*) of greater brilliance than flares fired from a pistol and to project them to a greater height than is attainable with the latter. It is proposed to supply the staff of every unit with *one*, and every company or battery with *two* signal-throwers. *Granatsignale* can also be fired from stick bomb-throwers (*Granatwerfer*).

"Message-projectiles (*Nachrichtengeschosse*) have also recently been introduced for use with the signal-thrower; they enable written messages to be fired about 550 yards back from the front line. During the latter half of its trajectory, the message-projectile emits a green streamer. On striking the ground, it smokes like an aeroplane message smoke indicator (*Flieger-Rauchmelde-Patrone*)."

Another German document states that the maximum range of message rockets (*Meldewurfgranaten*) is 547-656 yards and that they are intended to connect the front line with battalion and regimental commanders.

GENERAL STAFF (INTELLIGENCE),
ADV. GENERAL HEADQUARTERS,
7th August, 1917.