

United States Patent Office.

HENRY BUCHNER AND FREDERECK EBERTZ, OF NEW YORK, N. Y.

Letters Patent No. 67,714, dated August 13, 1867.

IMPROVED FULMINATING POWDER FOR NEEDLE-GUNS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, HENRY BUCHNER and FREDERECK EBERTZ, of the city, county, and State of New York, have invented a new and improved Fulminate for Needle-Guns; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art make and use the same.

This invention relates to a new and improved fulminate for needle-guns, those which are provided with a needle at the breech arranged in such a manner as to pierce or penetrate the fulminate by pulling a trigger and ignite the charge or cartridge in which the fulminate is placed.

Our improved fulminate is composed of the following ingredients, which we will designate by the letters A, B, C, D, E, F, and G: A, chloride of potassium; B, sulphur, (flowers;) C, charcoal; D, saltpetre, (purified;) E, chlorate of potash; F, antimony; G, mucilage or gum.

These substances are mixed in about equal proportions, the mucilage or gum binding them together to admit of small elongated or conical-shaped masses being made, to insert in the rear of the cartridges, so that they may be perforated by the needle when the arm is loaded and the trigger pulled to discharge it.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A fulminate for needle-guns, composed of the ingredients and about in the proportions as herein specified.

HENRY BUCHNER,
FREDERECK EBERTZ.

Witnesses:

WM. F. McNAMARA,
ALEX. F. ROBERTS.