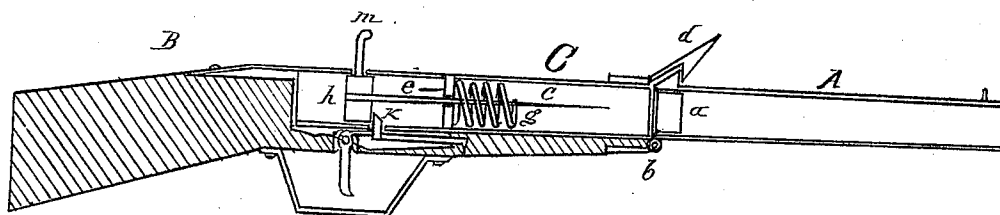


C. A. PILINSKY.

TOY-GUNS.

No. 171,316.

Patented Dec. 21, 1875.



Witnesses:
Jas. D. Patten
Harry C. Birch.

C. A. Pilinsky
by E. F. Johnson
His Attorney.

UNITED STATES PATENT OFFICE.

C. ALBERT PILINSKY, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN TOY GUNS.

Specification forming part of Letters Patent No. **171,316**, dated December 21, 1875; application filed August 30, 1875.

To all whom it may concern:

Be it known that I, C. ALBERT PILINSKY, of St. Louis, county of St. Louis and State of Missouri, have invented an Improved Toy Needle-Gun, of which the following is a specification:

My invention is a toy imitation of the chassepot or needle gun. It will ignite a real friction-match with a loud report, but does not discharge any solid parts or any noxious gases; but, on the contrary, by means of a perfumed cartridge, it may discharge a sweet perfumed odor very pleasant to the sense.

My gun materially consists, first, of a breech-loading barrel, (letter A of the annexed drawing,) which is hinged to the chamber and shaft, so that the shaft hangs down while the cartridge is inserted, but is kept in tight connection with the barrel by the notch and hook *d* when the gun is loaded; and, second, the needle-lock B, inclosed in the chamber C as follows: The needle *c* slides in a central hole of the partition *e*. It is provided with a spiral spring, *g*, one end of which is soldered to the needle, while the other end rests against the said partition *e*. The action of this spring pushes the needle forward when it is released, whereby the cartridge is fired, which principally consists of a perfumed friction-match of my own con-

struction. A plunger, *h*, at the rear end of the needle, sliding in the chamber C, serves also as a guide, and, when arrested by the detent K, brings the needle to rest in a cocked position, counteracting the pressure of the spring *g*. The catch or spring-detent K is so arranged as to have an upward tendency or spring, but is directly connected with the trigger, so that the needle is released and springs forward when the trigger is pulled, and the needle is arrested and the gun is cocked when the upper stud *m* is pulled back.

The action of my gun is very simple. At the first motion the needle is cocked. At the second motion the click or detent *d* is opened; the shaft drops; the cartridge is inserted into the barrel from the breech. At the third motion the shaft is raised and the gun is ready for firing, and is fired by pulling the trigger.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a toy gun, the chamber C, having the partition *e*, needle *c*, plunger *h*, and spring-detent K, all combined to operate substantially as and for the purpose set forth.

C. ALBERT PILINSKY.

Witnesses:

EDMUND F. SCHREINER,
C. C. HARTMAN.