J. C. PETMECKY.

Breech-Loading Fire-Arm.

No. 210,144. Patented Nov. 19, 1878.

Fig. 1.

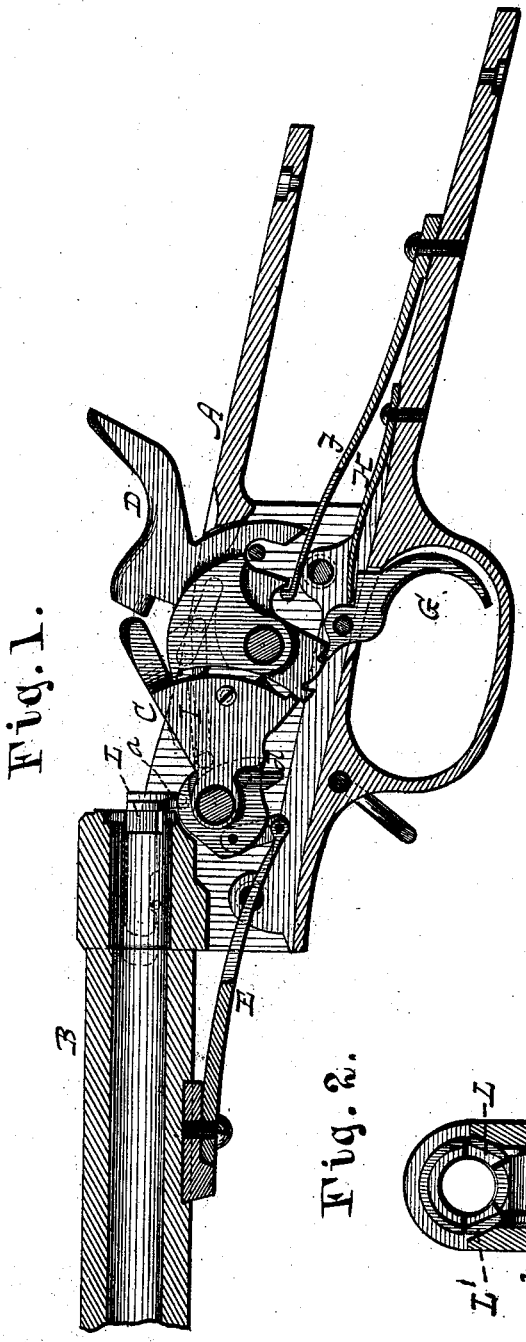


Fig. 2.

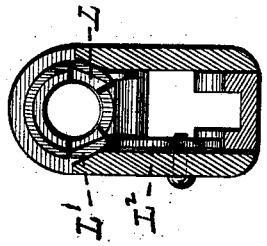


Fig. 3.

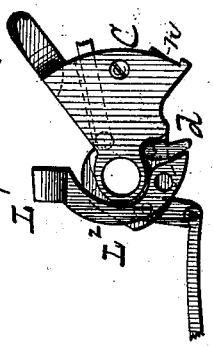


Fig. 4.

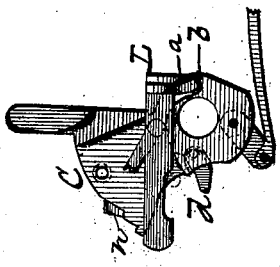
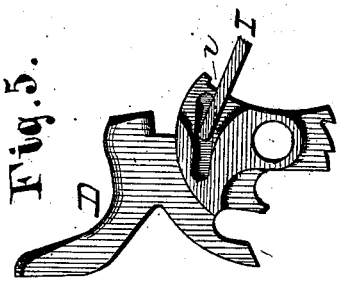


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH C. PETMECKY, OF AUSTIN, TEXAS.

IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

Specification forming part of Letters Patent No. **210,144**, dated November 19, 1878; application filed August 9, 1878.

To all whom it may concern:

Be it known that I, JOSEPH C. PETMECKY, of Austin, in the county of Travis and State of Texas, have invented certain new and useful Improvements in Breech-Loading Fire-Arms; and do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to breech-loading fire-arms; and it consists in certain improvements upon Letters Patent recently granted to me, as will be hereinafter more fully set forth, and pointed out in the claims.

In the annexed drawing, Figure 1 is a longitudinal section of a breech-loading fire-arm embodying my invention. Fig. 2 is a cross-section of the same, showing the end of the breech. Figs. 3 and 4 show the breech-block, and Fig. 5 shows the hammer.

A represents the frame, B the barrel, C the breech-block, and D the hammer, of a breech-loading fire-arm. The breech-block C is connected with the spring E. F is the main or hammer spring. G is the trigger, and H the trigger-spring. I is the link connecting the hammer and breech-block, so that after the hammer is raised to full-cock a further pull on the hammer will open the breech-block.

All the above parts are constructed substantially as shown and described in my former patent.

In the breech of the barrel B are two extractors, L and L^1, which are arranged on opposite sides, as shown in Fig. 2. The extractor L slides longitudinally, and has a projection, *a*, which comes against a shoulder, *b*, on the breech-block, so as to be drawn out by the throwing back of the breech-block. The extractor L^1 is formed with a curved arm, L^2, which is pivoted on the inside of the frame A, so that said extractor will have a circular motion. In the side of the breech-block is a dog, *d*, to operate upon the lower end of the arm L^2.

These parts are so arranged that the extractor L will start the shell, while the extractor L^1 ejects or throws it out. The starter L has a great power to draw, and acts first, and when the shell is started the ejector L^1, working faster, takes it from the starter and throws it out with great force.

The top of the breech-block C is cut away so as to leave a small ridge, *h*, and the hammer D underneath has a similar ridge, *i*, so that when the breech-block is thrown back, if the trigger should be pulled and the breech-block then thrown forward, it cannot be thrown far enough forward to let the hammer fall, but is caught and held by the ridges *h i*. These ridges I call "safety-catches," and they will prevent the gun from firing when the breech-block is thrown back and the trigger pulled.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a breech-loading fire-arm, the combination of an extractor inserted in the barrel and working on a line therewith, and an ejector pivoted to the frame and working on the arc of a circle, and a pivoted breech-block for operating both the extractor and the ejector, substantially as herein set forth.

2. The combination of the extractor or starter L, with projection *a*, the ejector L^1, with pivoted arm L^2, and the breech block C, with shoulder *b* and dog *d*, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

J. C. PETMECKY.

Witnesses:
O. H. CULLEN,
HENRY ZIELER.