E. D. SEELY.

Cap-Primer.

No. 35,783 Patented July 1, 1862.

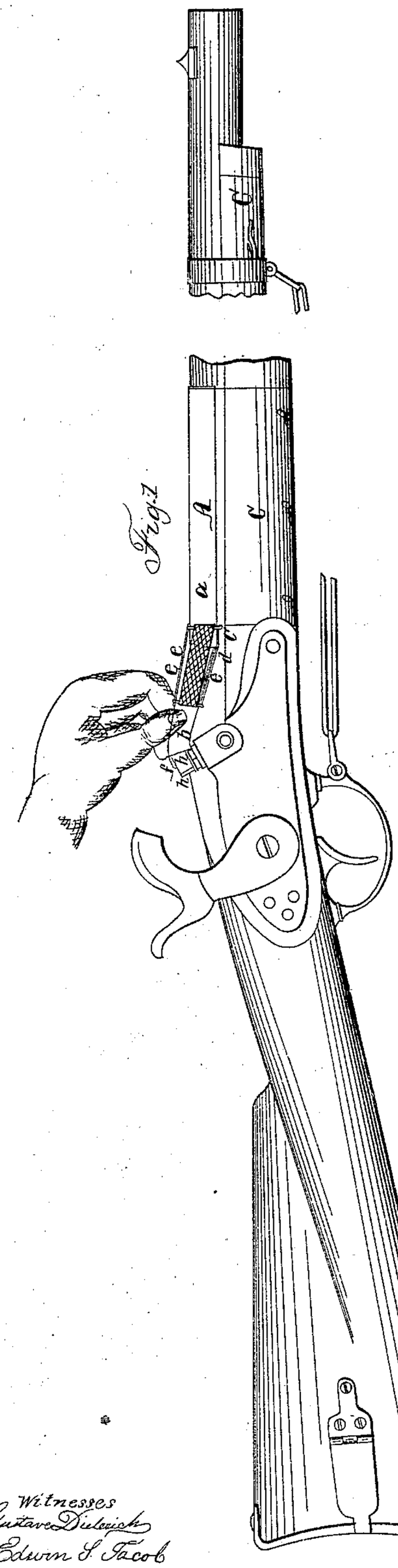


Fig. 2

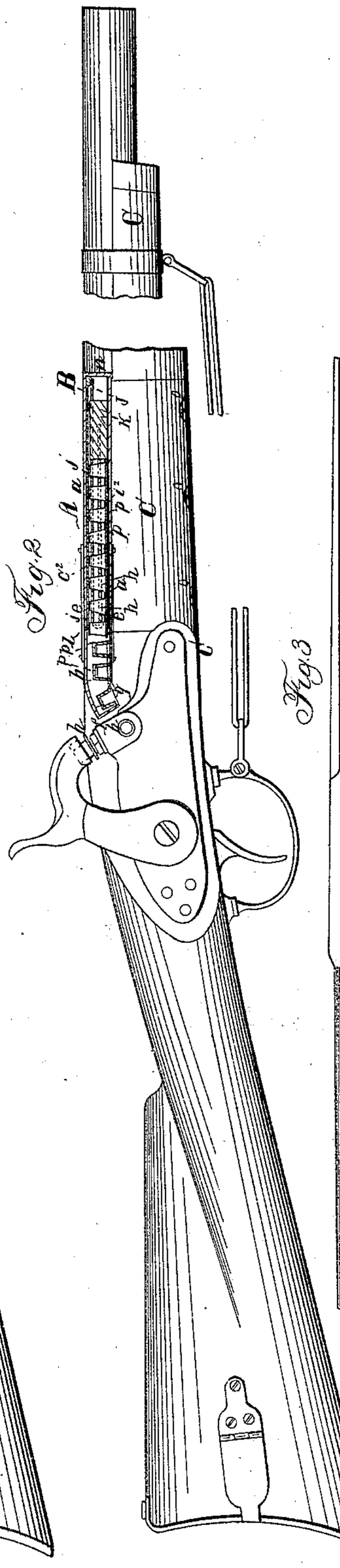
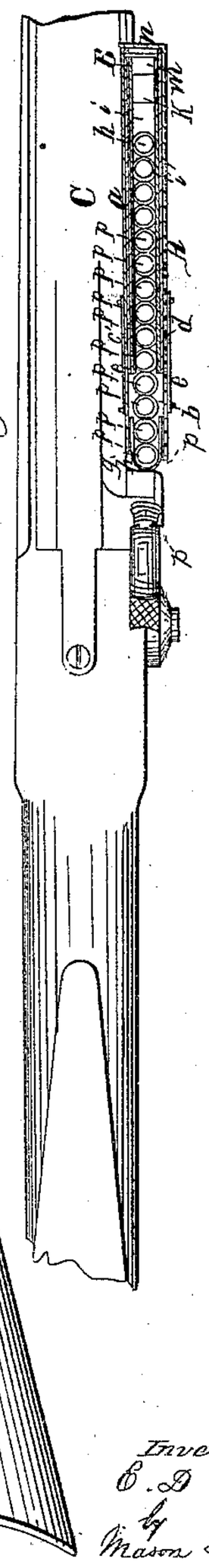


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

EDGAR D. SEELY, OF BROOKLINE, MASSACHUSETTS.

IMPROVEMENT IN CAP-PRIMING ATTACHMENTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. **35,783**, dated July 1, 1862.

To all whom it may concern:

Be it known that I, EDGAR D. SEELY, of Brookline, in the county of Norfolk and State of Massachusetts, have invented a new and useful Improvement in Percussion-Cap Holders and Primers to Guns and other Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side elevation of a gun and my invention as combined and operated. Fig. 2 is a longitudinal section of the cap holder and charger, the gun being in elevation. Fig. 3 is a horizontal section of the same, the gun also being in elevation.

Similar letters of reference in each of the several figures indicate corresponding parts.

My improvement consists in applying the cap holder and primer patented to me October 29, 1861, to guns and other similar-operating fire-arms, and so modifying the discharging end or terminus of the holder that it may be moved toward and elevated or turned over the nipple of the fire-arm, so as to place a cap upon the nipple, and then return to its original position automatically.

To enable others skilled in the art to make and use my invention while attached to a fire-arm, I will proceed to describe its construction and operation.

A is a rectangular tube made in two parts, *a b*, and with a curved bracket, *c*, extending from one of its corners. The part *a* is much longer than the part *b* and is a fixture with the bracket, while the part *b* is independent thereof. The two parts are fitted together by cutting a rectangular slot, *c'*, in the bottom of the part *a* and forming a tongue, *d*, of a form corresponding with the slot c^2 upon the bottom of part *b*. The tongue just fills the slot when the parts are brought together. A flexible or extension connection between the parts is formed by applying four flat rubber springs, *e e e e*, to the sides of the two parts of the tube, so as to cover the joint, and then fastening one end of each of said springs to the part *a* of the tube and the other end to the part *b* thereof, as represented.

The extreme rear end of the part *b* of the tube has a curved extension, *f*, formed upon it, and below this extension and forward of it a semicircular notch, *g*, is cut in the tube part *b*. To the inner sides of this part *b*, under the extension *f*, two spring-jaws, *h h*, are attached. These jaws are curved and their free ends nearly touch, and thus the two jaws inclose a semicircular space of greater diameter than the notch in the bottom of part *b* of the tube.

Within the tube A a rectangular open-ended shield or cap-holder, B, is placed. This shield is open at bottom and is formed with two narrow ledges, *i i'*, on its inner sides, as shown. One of these ledges is shorter than the shield and answers as a stop, as well as a support and guide. Within this shield an elastic cord, *j*, and a sliding block, *k*, are arranged, the cord being fastened to one end of the shield, carried back over a button, *l*, and brought forward and attached to one side of the block *k*, as shown.

To close the end of the tube A when the shield is within the tube, and also to free the block *k* from the stop end of the ledge *i'*, a spring-wedge, *m*, attached to a cap, *n*, of the tube A, is provided and operated, as presently described.

The cap holder and primer thus constructed is attached to the stock of the gun or fire-arm C at a point slightly forward of the cap-nipple by means of screws *o*, which pass through the curved bracket, as represented.

To operate with my invention, the shield must be withdrawn from the tube A and the plunger-block *k* drawn back and turned diagonally, so that its end bears against the stop end of the ledge *i'* by the draft of the spring-cord *j* upon it. The percussion-caps *p* are now placed in the shield, their flanges bearing against the ledges, or standing under the same, as shown. The shield thus charged is inserted into the tube A, as shown in the drawings, and the spring-wedge *m* and cap *n* inserted into the end of the tube A, so as to force the plunger-block out of contact with the stop end of the ledge *i'*. This done, the plunger-block, by the power of the distended spring-cord, is caused to press forcibly against the line of percussion-caps When it is desired to apply a cap to the gun-nipple, the sportsman places his fingers upon the part *b* of the tube A and draws said part back toward and up over the nipple, and when the first cap which is toward him is in line with the nipple he again lowers the part *b*, so as to place the cap down upon

the nipple. This done, he releases the part *b* and its spring-jaws slip by the nipple and allow it again to form a connection with the part *a* of the tube. The other caps during this operation follow up and fill the space vacated and are kept in the tube by means of the springs *e e e e* and the tongue *d*. Thus the sportsman has conveniently at hand a series of caps for ready use, and each of these he can speedily and certainly apply to the nipple of the gun by a slight back-and-up movement of the hand.

My method of modifying the discharging end of cap holders and primers might be applied to cylindric or circular cases, as well as to the style of case described, if it should be desirable to use such cases as a fixture with guns or fire-arms.

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

1. The combination of a cap holder and primer which has an extensible case and a gun or other nippled fire-arm, substantially as and for the purpose set forth.

2. The construction of the extensible case A in two parts, *a b*, and with spring connecting-bands *e e*, or other equivalent connections, substantially as and for the purpose set forth.

EDGAR D. SEELY.

Witnesses:

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