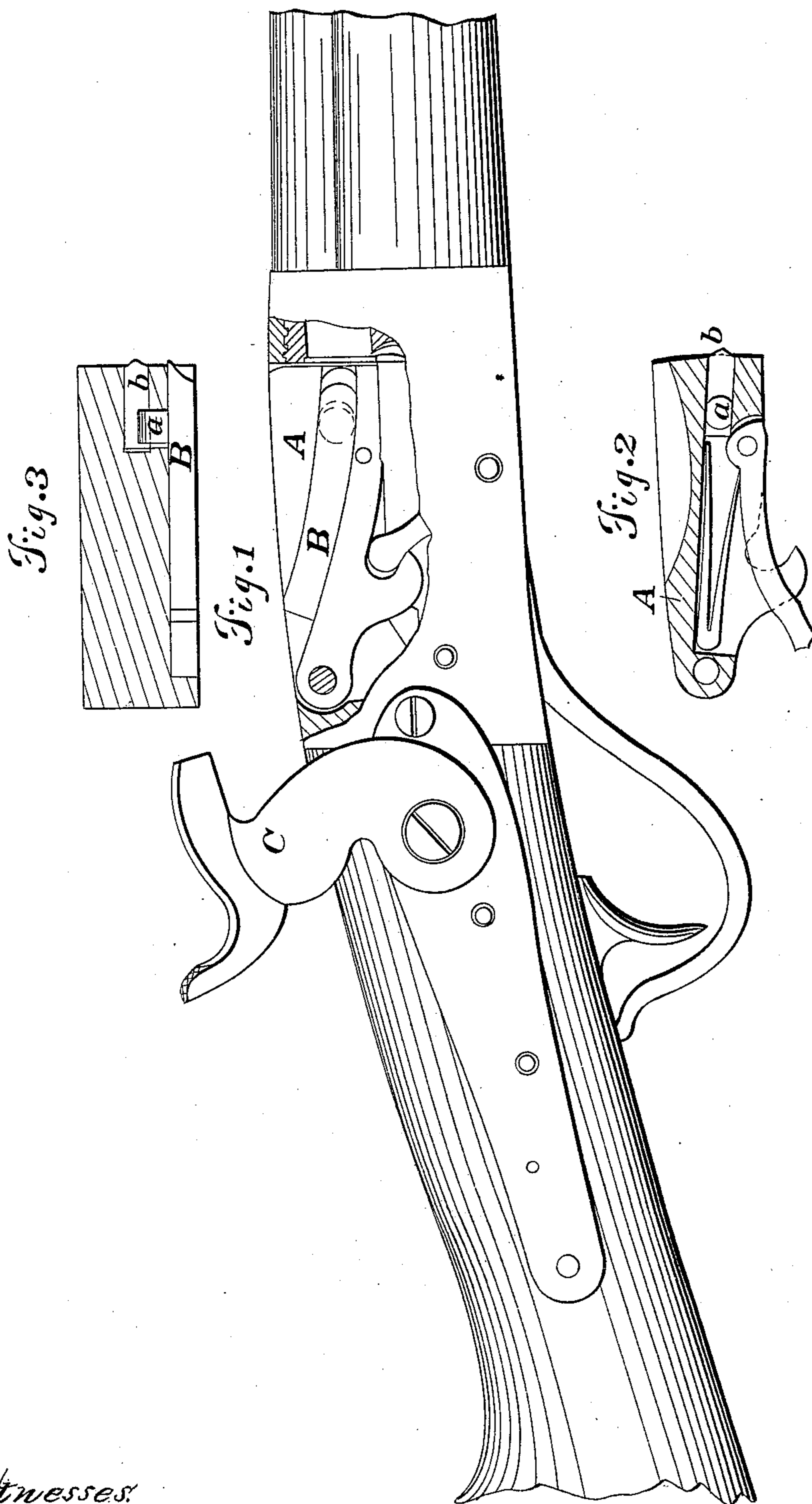


H. O. PEABODY.
Breech-Loading Fire-Arm.

No. 76,805.

Patented April 14, 1868.



Witnesses:
Wm. W. Rickard
Eugene Waughman

Inventor:
Henry O. Peabody.

United States Patent Office.

HENRY O. PEABODY, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO THE
PROVIDENCE TOOL COMPANY, OF SAME PLACE.

Letters Patent No. 76,805, dated April 14, 1868.

IMPROVEMENT IN BREECH-LOADING FIRE-ARMS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY O. PEABODY, of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Breech-Loading Fire-Arms; and I do hereby declare that the following specification, taken in connection with the drawings, making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is a side view of so much of the arm as shows (a portion of the frame being removed) the proper relation of the hammer to the breech-block.

Figure 2 is a longitudinal vertical section through the breech-block.

Figure 3 is a longitudinal transverse section through the breech-block.

The invention herein described relates particularly to an improvement in the fire-arm described in the reissue Letters Patent granted to me, March 13, 1866. For a full description of such fire-arm, reference is to be had to the schedule accompanying said patent.

In fig. 1, A represents the breech-block, in its proper relation to the cartridge-chamber, when the piece is loaded.

B is the firing-needle, fitted to slide in a channel cut in the side of the breech-block, and having its point sharpened, so as to indent the rim of the cartridge when it is driven forward by the blow from the hammer C.

To combine with this rim-firing needle a means for indenting also the central portion of the cartridge-head, so that cartridges having a fulminate at the centre of the charge, instead of in the rim, may be used equally well, I project from the firing-slide, B, at right angles with its length, an arm, *a*, fig. 3, from the end of which, and parallel with the axis of the slide B, protrudes a needle, *b*.

The side of the channel in which the slide B works is near to the front end of the breech-block, and is furnished with a slot of sufficient depth to allow the arm *a* to enter freely, and of a length sufficient to admit the needle *b* projecting from such arm. Through the end of the breech-block, until such slot is reached, a hole is made, of the requisite size to accommodate the needle *b*, and which should be in a line coincident with the axis of the cartridge-chamber.

It will be readily understood that, as the central needle *b* is connected by the arm *a* with the firing-slide B, the movement which is given to the slide will be also given to the needle *b*, and that, as the point of such needle will, when the slide is driven forward, project beyond the face of the breech-block for the distance which the length of the slot above described allows, the central portion of the cartridge-shell will be indented by a blow from the hammer upon the end of the slide, as well as the metal which forms the rim.

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

In combination with the breech-block A, (operated as described in the reissue Letters Patent granted to me, March 13, 1866,) a central and rim-firing needle, *b* B, constructed and arranged substantially as described.

Witnesses:

MAHLON ROSS,
A. L. PEABODY.

H. O. PEABODY.