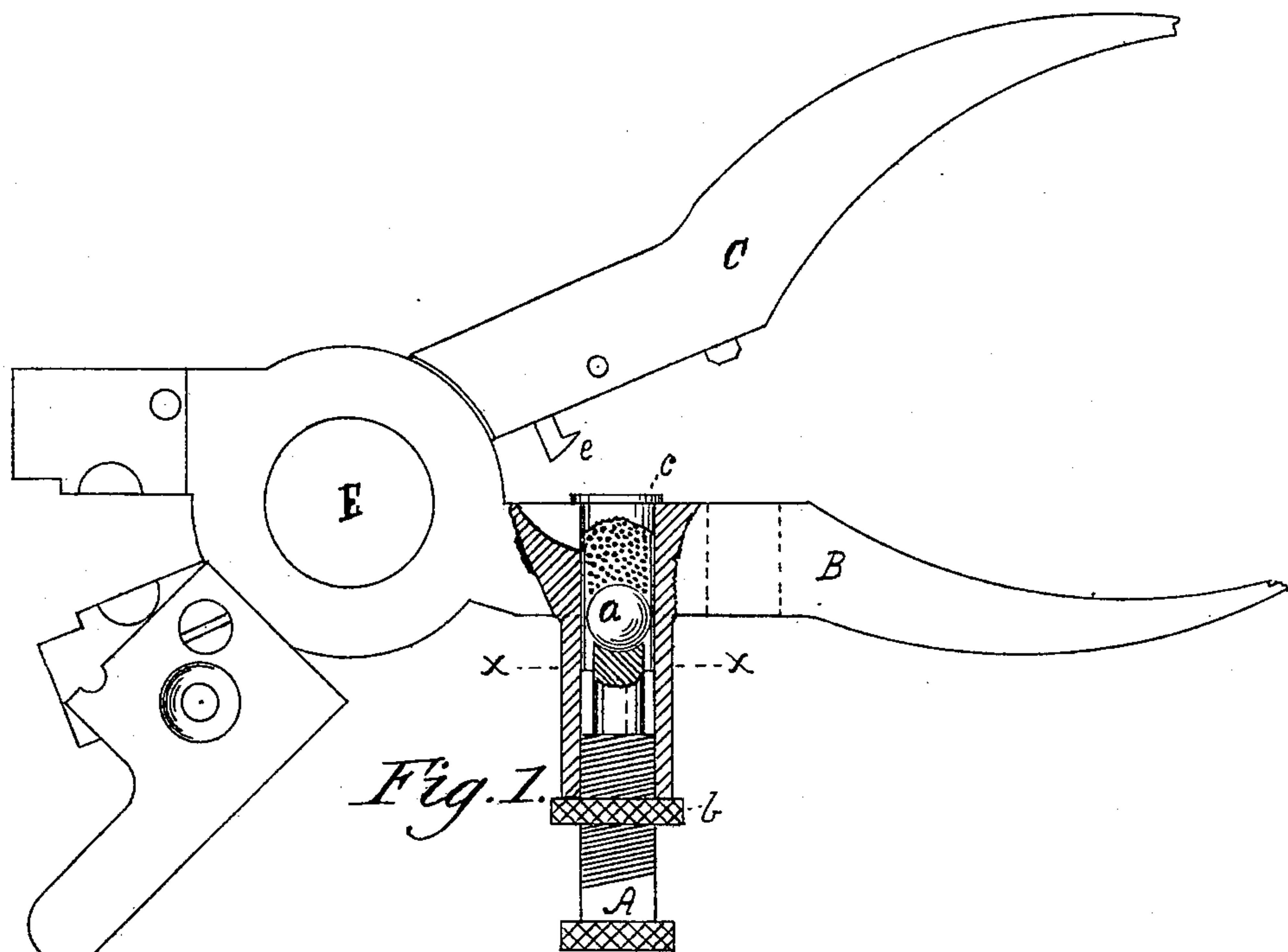


(No Model.)

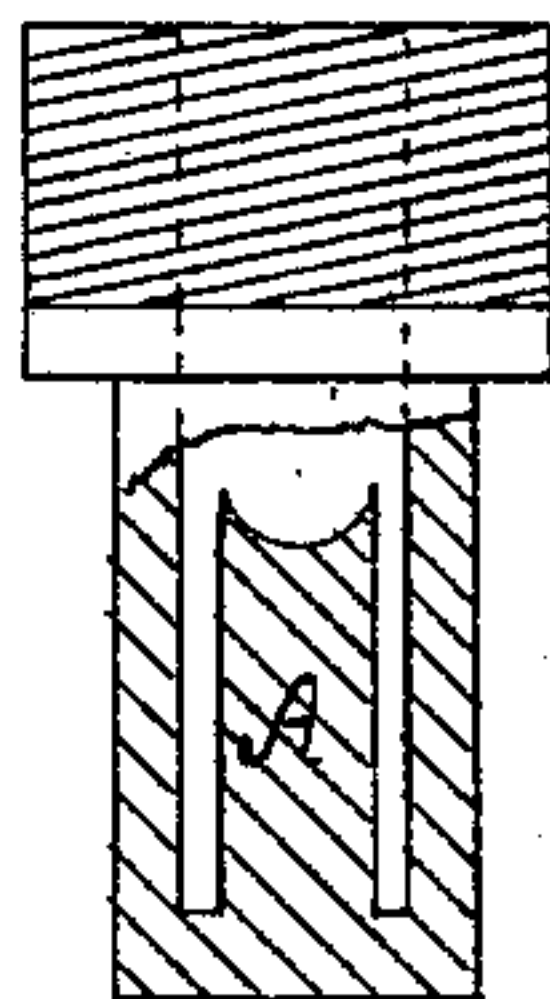
J. H. BARLOW.  
CARTRIDGE IMPLEMENT.

No. 369,833.

Patented Sept. 13, 1887.



*Fig. 1.*



*Fig. 2.*

WITNESSES,

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# UNITED STATES PATENT OFFICE.

JOHN H. BARLOW, OF NEW HAVEN, CONNECTICUT.

## CARTRIDGE IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 369,833, dated September 13, 1887.

Application filed June 8, 1887. Serial No. 240,674. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. BARLOW, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Cartridge Implements, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in an implement used for loading metallic central-fire cartridges.

Cartridge-loading implements as made prior to my invention were adapted to a specified shape of bullet, a specified charge of powder, and insertion of the bullet in the end of the shell, with a portion of the bullet protruding therefrom.

The requirements of accurate shooting in target-practice necessitate the use of varying charges of powder; also, the use of spherical and conical bullets at different times in the same fire-arm to meet the exigencies of the user.

The object of this invention is to provide an efficient and portable implement whereby cartridges using a small or large amount of powder in the same cartridge-shell may be successfully loaded, and the bullet may be correspondingly seated upon the said charge of powder at any depth in the cartridge-shell; and to this end it consists in the construction, arrangement, and combination of the several parts shown in the drawings, and hereinafter described and specifically set forth in the claims.

In the accompanying drawings, Figure 1 represents a side elevation of a loading implement, a portion of which is shown in section to facilitate showing the relative portions of the several parts which constitute my invention. Fig. 2 is a view of a modification, and will be more fully described hereinafter.

Letters of like name and kind refer to like parts in each figure of the drawings.

The cartridge implement, as shown in the drawings, consists of two pivotal levers, B and C, operating upon the common pivot E. An extension of the said levers B and C to the left of the pivot-joint E is shown in the form of a bullet-mold. The same being an old and familiar device, needs no further description.

The lever B is provided with a series of chambers, one of which is used for loading the cartridge, (or compressing the charge of powder and bullet to their proper position,) and is shown in Fig. 1 in a sectional view.

In Fig. 1 the loading-chamber is represented as having a cylindrical opening passing entirely through the same, the internal diameter of which corresponds with the external diameter of the cartridge-shell. The lower end of the loading-chamber is provided with an internal screw-thread adapted to receive the pillar A. The portion of pillar A which extends into the chamber is reduced in diameter sufficient to permit it to freely enter the inside of the cartridge-shell. As some bullets are spherical, others conical or truncated, the end of the pillar A (adapted to enter the cartridge-shell) will be made to correspond with the bullet to be used, so as not to mar the bullet during the operation of loading. The pillar A is securely held at any desired point by means of the knurled check-nut *b*.

In Fig. 2 it will be seen that the pillar A is shown as being an integral part of the loading-chamber, and as the descent of the cartridge-shell *c* into the loading-chamber is arrested by the head of the cartridge-shell *c* coming upon the top of the lever B, the regulation of the entrance of the pillar A into the end of the cartridge-shell is accomplished by means of a threaded joint between the lever B and the loading-chamber on the line *xx* of Fig. 1.

While either of the above forms are equally efficient in the production of the required results, I prefer the form shown in Fig. 1, as the adjustable pillar A can be applied to any chamber, enabling an operator of a loading implement to load as many varieties of shapes of bullets as he has pillars A to conform thereto in one and the same implement.

To operate the tool or implement, the powder and bullet being placed in the cartridge-shell, they are then entered into the loading-chamber, and by bringing the levers B and C together, whereby the bullet *a* is brought into contact with the end of the pillar A, which, being adapted to enter the inside of the shell, permits the seating of the ball *a* directly upon the charge, whether the charge be great or small. Opening the levers B and C apart, the



loaded cartridge is withdrawn from the chamber by the extractor *e*.

I am aware that a detachable chamber has been used in loading implements made prior to this invention. Therefore I do not broadly claim that as a part of my invention; but

What I do claim as new, and desire to secure by Letters Patent, is—

1. In a cartridge-loading implement, the loading-chamber provided with an adjustable pillar, A, extending into the said loading-chamber from the bottom on a plane coincident with the longitudinal axis of the said loading-chamber, the adjustable pillar A being recessed in the end or otherwise made to conform to the shape of the bullet, and adapted to enter the inside of the cartridge-shell and locate the bullet *a* at any required depth there-

in, substantially as and for the purpose set forth and described.

2. In a cartridge-loading implement, the loading-chamber provided with a movable pillar, A, extending from the bottom of said loading-chamber on a plane coincident with the longitudinal axis of the said chamber and adapted to seat the bullet *a* at any required depth in the cartridge-shell, in combination with the pivotal levers B and C, one of which supports the loading-chamber, substantially as and for the purpose set forth and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN H. BARLOW.

Witnesses:

W. E. WATERBURY,  
D. C. PARMELEE.