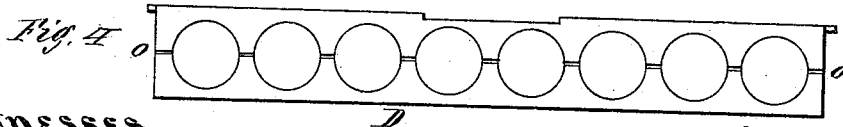
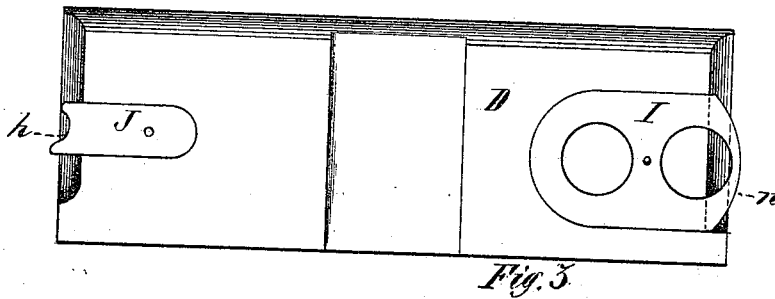
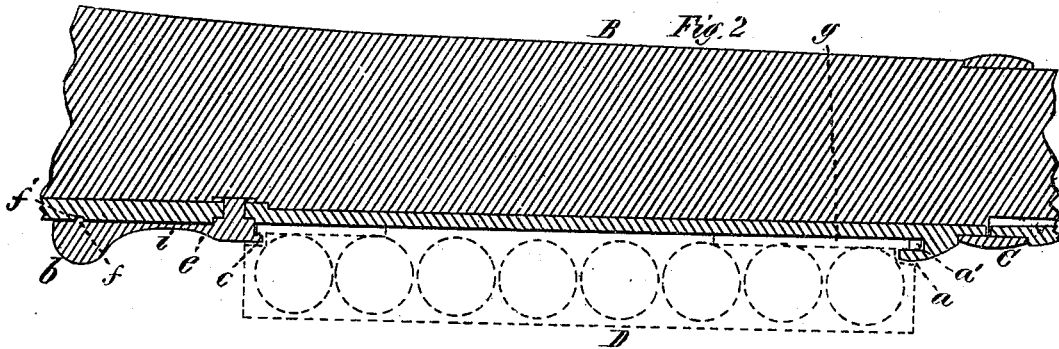
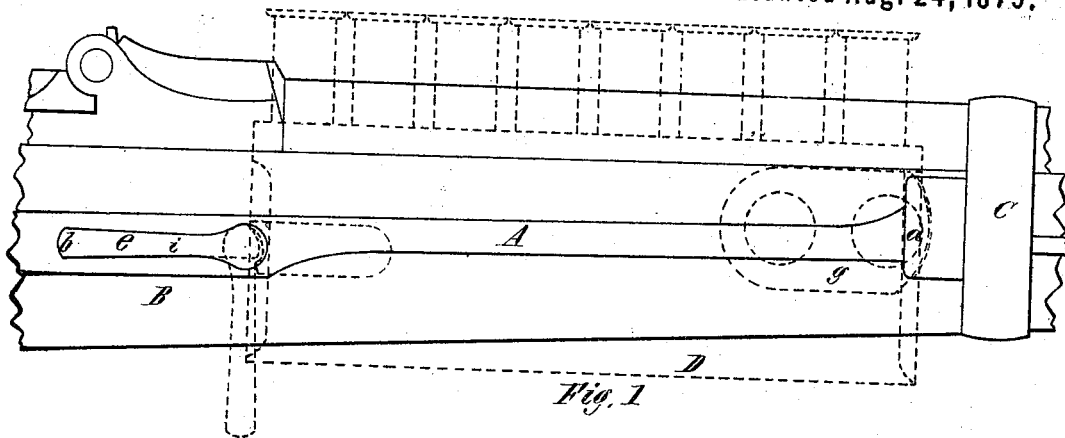


H. METCALFE.

Means of Attaching Magazines to Fire-Arms.

No. 167,006.

Patented Aug. 24, 1875.



Witnesses,

E. P. Kendrick  
H. C. Mosely

Inventor,

Henry Metcalf  
By J. H. Lewis,  
his Atty.

# UNITED STATES PATENT OFFICE.

HENRY METCALFE, OF UNITED STATES ARMY, SPRINGFIELD, MASS.

## IMPROVEMENT IN MEANS OF ATTACHING MAGAZINES TO FIRE-ARMS.

Specification forming part of Letters Patent No. **167,006**, dated August 24, 1875; application filed December 16, 1874.

*To all whom it may concern:*

Be it known that I, HENRY METCALFE, lieutenant in the United States Army, and residing in Springfield, in the State of Massachusetts, have invented a new and useful Improvement in Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 represents a side view of part of a gun, illustrating my invention as applied thereto. Fig. 2 is a horizontal section of the same, and Fig. 3 is a side view of the cartridge-block designed to be used or attached to the gun; and Fig. 4 is a plan view of the block.

My invention relates to an attachment to a gun, whereby a quantity of cartridges may be carried upon the gun in a convenient position for loading them into the gun; and it consists of a support attached to the gun near the lower band, to hold one end of the cartridge-block, and another piece provided with a cam-lever pivoted to the piece, so that by placing the iron at the front end of the cartridge-block into the support at the band, and turning the cam-lever against the rear end of the block, the latter is held firmly in its place upon the gun.

In the drawings, B represents a side view of that portion of the gun to which the block is secured, which is provided with a strap, A, which, preferably, is let into the wood of the stock, and when so attached the forward end of the strap extends in a little distance under the band C, and the forward end of the strap A is provided with a protuberance, *a*, having a recess or cavity, *a'*, therein. The rear end of the strap is secured firmly to the stock, either by extending it beneath the lock-plate a little, or by a screw, or in any other convenient manner, and is provided with a lever, *e*, which is so pivoted to the strap as to turn freely therein, and the forward end of this lever is so formed that when moved into a horizontal position it will bear against the rear end of the cartridge-block, and the lever is cut away at *i* to give it a little spring or

elasticity, and may be enlarged at the end to form a thumb-piece, *b*. This part of the lever is also provided with a pin, *f*, on the inside, to snap into a small hole or indentation in the strap, the object of which is to keep the lever securely in place.

In Fig. 3, D represents the cartridge-block, provided at one end with a metallic plate, I, made of a circular form at *n*, to fit into the circular recess *a'*, in the part *a*, and the block is provided at the other end with a plate, J, having a cavity or recess, *h*, into which the front end of the lever *e* enters, when the lever is placed in a horizontal position, to hold the block secure. To secure the block in place upon the gun it is only necessary to force down the end *b* of the lever into a vertical position, as shown in dotted lines in Fig. 1. The block is then secured by inserting the circular part *n* of the plate I into the recess *a'*, with the block close to the side of the gun, and then pressing down the rear end of the block, so that the recess *h* will come just in front of the forward end of the lever *e*. The latter is then swung up into place, the pin *f* springing into the small cavity *f'*, made to receive it. This movement forces the front end of the lever *e* into the recess *h* of the plate J at the rear end of the block D.

It is evident that the part *a*, with the cavity *a'* therein, may be made separate from the strap, and may be secured to the gun by a screw or other convenient means, and it may be made of any convenient form to support the end of the cartridge-block, and a small part of the strap A at the rear end, or a small plate of sufficient size to be attached to the gun, with the lever *e* pivoted thereto, may be used without departing from the invention; but I prefer to use the strap as hereinbefore described, as it is more rigid, and the block is thereby less liable to be affected by any recoil of the gun when in position.

Having thus described my invention, what I claim as new is—

1. The combination, with a gun, of a projection to support one end of the block D, and the pivoted lever *e*, to bear against and

grasp the opposite end of the cartridge-block, substantially as described.

2. In combination with a cartridge-block, D, provided with plates J and I, the pivoted lever *e* and a projection, both said lever and projection being made upon or attached to the gun, and arranged to hold the block

in a secure position upon the gun, substantially as described.

HENRY METCALFE,  
*Lieut. Ord.*

Witnesses:

SAML. W. PORTER,  
J. H. HASTINGS.