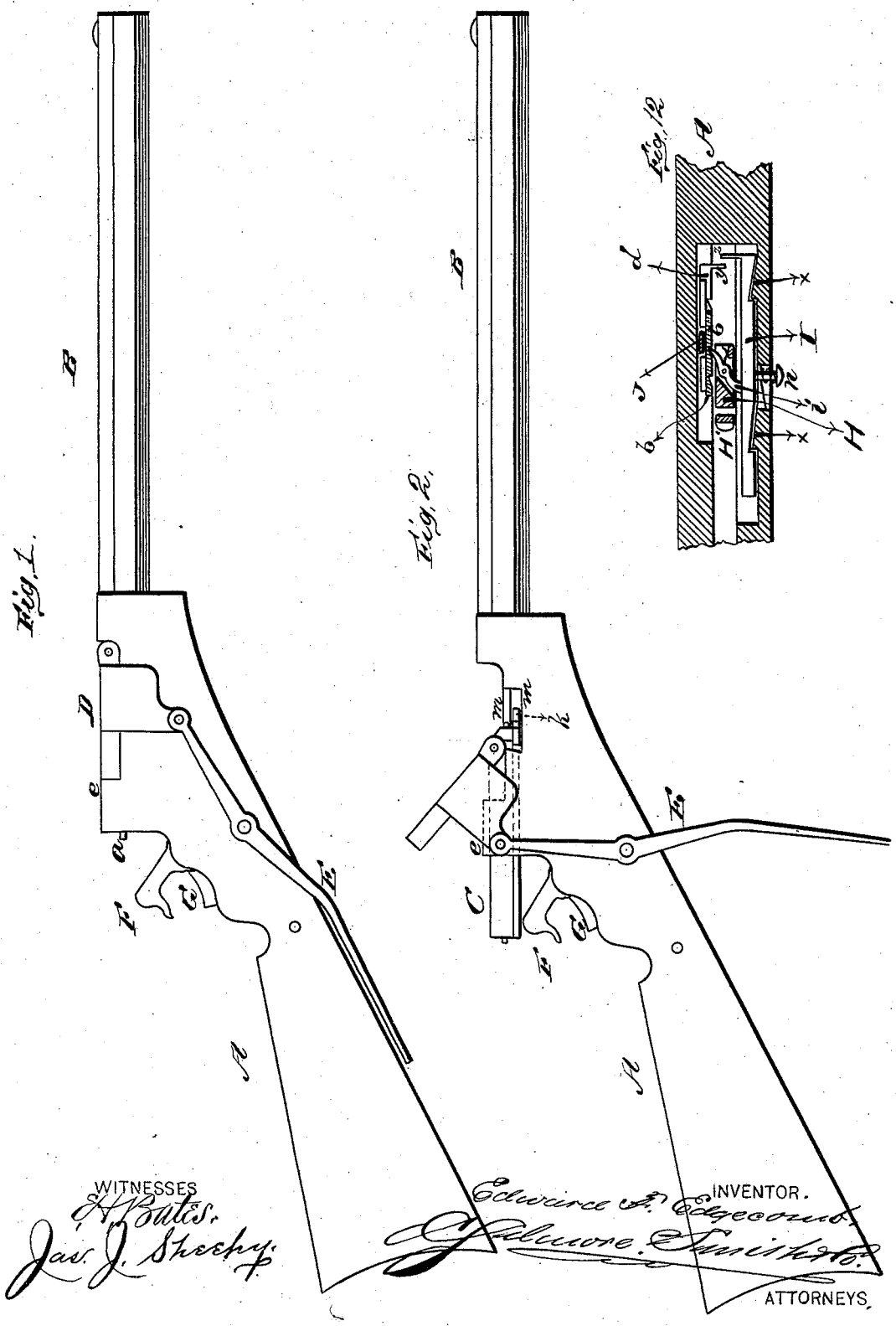
2 Sheets—Sheet 1.

E. F. EDGECOMB.

Magazine Fire-Arm.

No. 205,066. **Patented June 18, 1878.**



WITNESSES

H. Bates.

Jas. J. Sheehy.

INVENTOR.

Edwin F. Edgecomb.

Edmunds & Sumichrast.

ATTORNEYS.

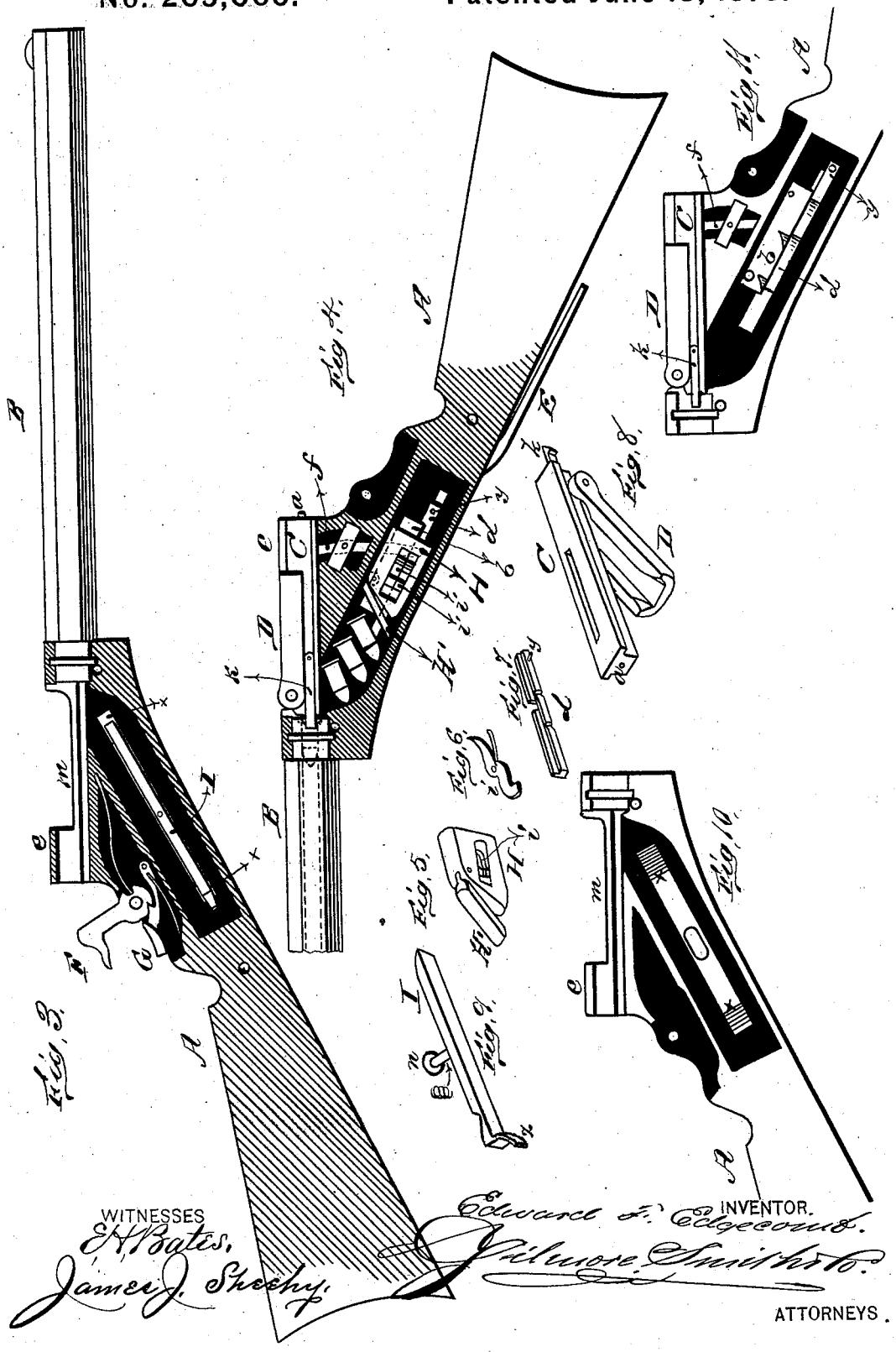
N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

2 Sheets—Sheet 2.

E. F. EDGECOMB.

Magazine Fire-Arm.

No. 205,066. Patented June 18, 1878.



WITNESSES

E. H. Bates.

James J. Sheehy.

Edward F. Edgecomb. INVENTOR.

Dickerson Brown & Co.

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

EDWARD F. EDGECOMB, OF MECHANICS FALLS, MAINE, ASSIGNOR OF ONE-HALF HIS RIGHT TO WILLIAM WATTERS, OF SAME PLACE.

IMPROVEMENT IN MAGAZINE FIRE-ARMS.

Specification forming part of Letters Patent No. **205,066,** dated June 18, 1878; application filed April 27, 1878.

To all whom it may concern:

Be it known that I, EDWARD F. EDGECOMB, of Mechanics Falls, in the county of Androscoggin and State of Maine, have invented a new and valuable Improvement in Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my fire-arm as closed. Fig. 2 is a side view open. Figs. 3 and 4 are interior views, showing the mechanism. Figs. 5, 6, 7, and 8 are perspective detail views thereof, and Figs. 10, 11, and 12 are sectional views.

The nature of my invention consists in the construction and arrangement of a breech-loading magazine fire-arm, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents the stock, and B the barrel, of the fire-arm. C is the breech-piece, D the locking-piece, and E the operating-lever. *a* is the firing-pin, F the hammer, and G the trigger. H is the cartridge-carrier. *b* is a ratchet cut in the side of the stock. *d* is a ratchet moved by a lever, *f*; *i i*, pawls in the carrier; and I, slide inside of the stock.

In Fig. 1 the gun is shown in a closed position.

To work the gun, move the lever E, which raises the locking-piece D from the recoil-surface *e* on the stock. Further motion of the lever cocks the hammer by the back motion of the breech-piece, and brings the parts into the position shown in Fig. 2. The old cartridge-shell is taken from the barrel by an extractor, *k*, attached to the breech-piece, and is carried back with it until an ejector throws it from the gun through the cut *m*, which is covered when the gun is closed by a part of the locking-piece D.

The cartridge-carrier H contains two pawls, *i i*, which rest, one on the ratchet cut into the side of the stock, and the other on the ratchet *d*, which is moved by the lever *f*. When the gun is closed the cartridges are in the position shown in Fig. 4, the upper end of the lever *f* lying in a cut in the breech-piece. When the parts come into the position shown in Fig. 3 the lever *f* is moved by the breech-piece, which moves the carrier H one notch, (see Figs. 4 and 12,) and brings the top cartridge in the magazine into proper position, so that the return movement of the breech-piece will carry the cartridge into the barrel. This movement also returns the lever *f* and ratchet *d* to their former position.

An ejector may be hinged just below the breech-piece, and the end which throws out the old cartridge rests in the cut *m* in the side of the stock. The other end will run in a cut in the breech-piece, and receives its motion from it.

To fill the magazine with cartridges, the gun is opened to the position shown in Fig. 2; then a button, *n*, as shown in Fig. 12, attached to the slide I, and projecting through a slot in the stock, is moved forward toward the barrel. This raises the slide I upon two inclines, *x x*, in the stock, whereby the pawls *i i* are lifted from the ratchets *b d*, and the carrier H is left free to move down. The cartridges are inserted in the top of the stock in the same place where they come out until the magazine is full. Then the gun is closed, and the ratchet *d* moves into its place. A projection, *y*, on this ratchet hits a projection, *z*, on the slide I, (see Fig. 12,) and brings said slide into its former position.

The bottom cartridge rests on the carrier, which is provided with a hinged bar, H′, which is for the purpose of bringing the last cartridges into proper position to enter the chamber of the barrel as the carrier changes its position relatively to the axis of the barrel.

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

1. The cartridge-carrier H, with pawl *i*,

movable ratchet *d*, and lever *f*, all combined as described, and operated by the breech mechanism, substantially as set forth.

2. The slide I, with button *n*, in combination with the inclines *x x* and pawls *i i* in the cartridge-carrier, for the purposes herein set forth.

3. The combination of the ratchet *d*, having projection *y*, and the slide I with projection *z*, for the purposes set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

EDWARD F. EDGECOMB.

Witnesses:
CALVIN C. YATES,
WILLIAM WATTERS.