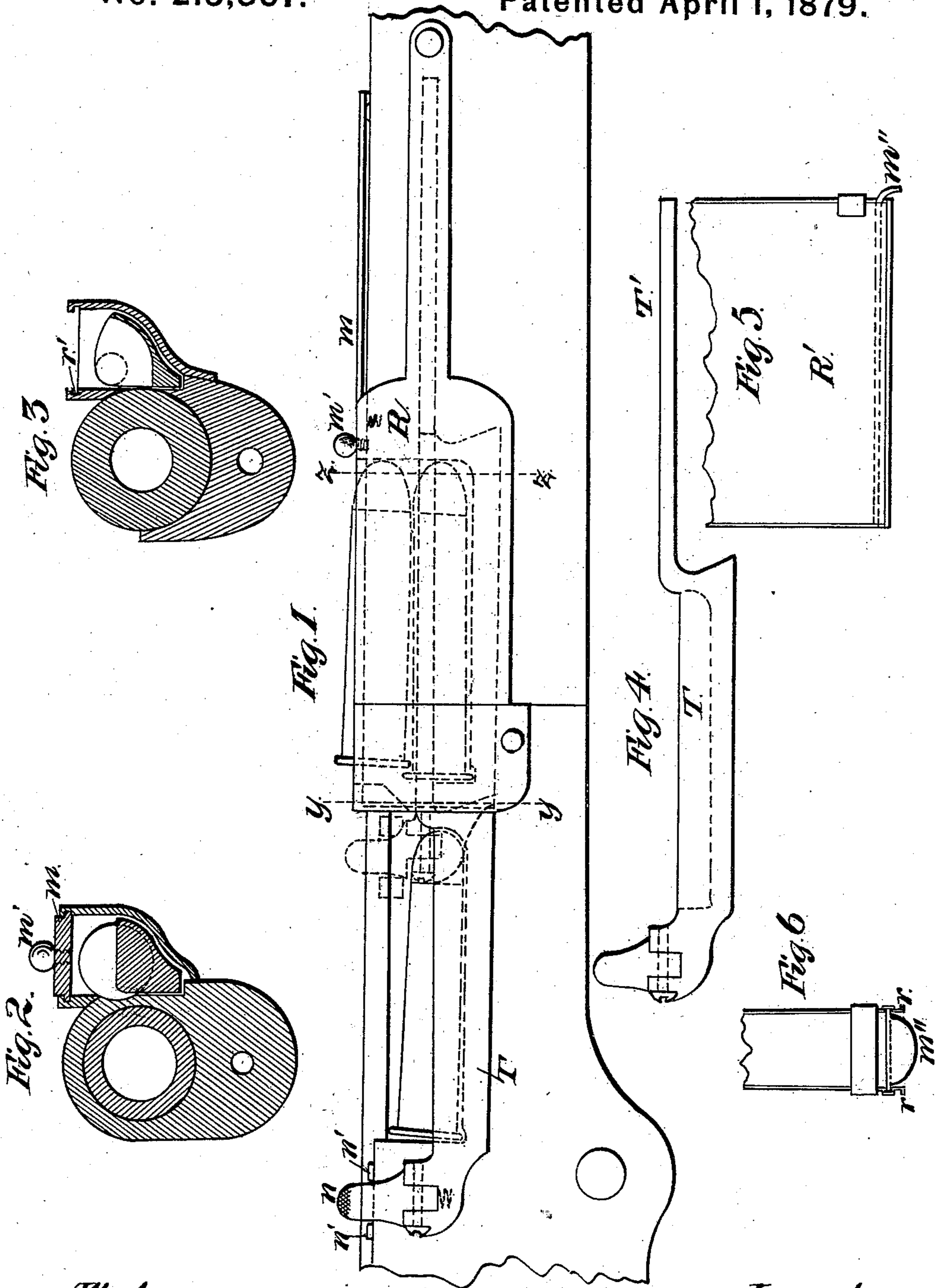


A. BURGESS.
Magazine Fire-Arm.
No. 213,867.
Patented April 1, 1879.



Attest:
G. P. Brock
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Inventor:
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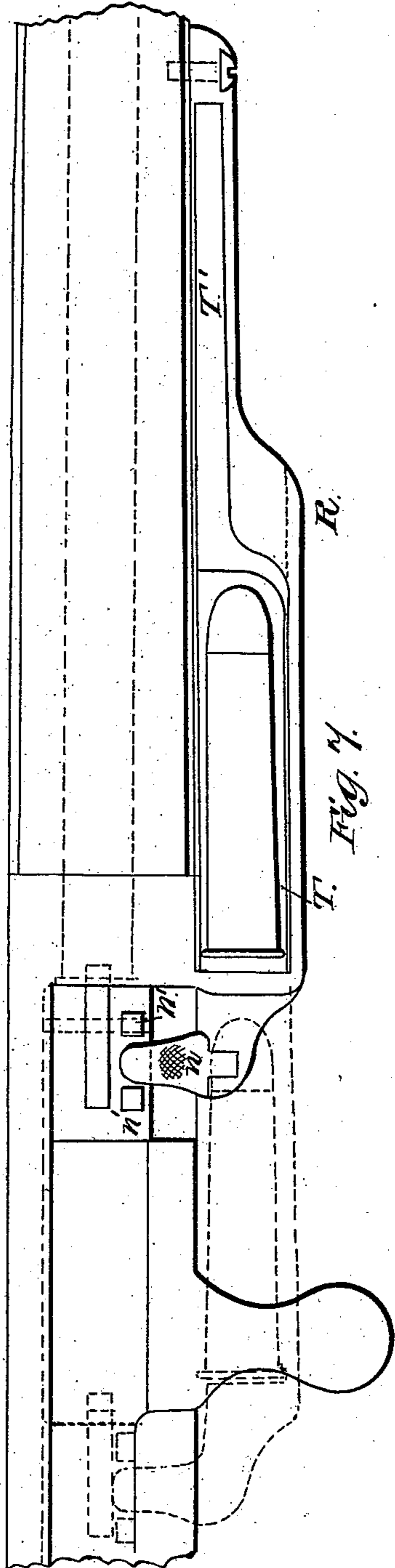


Fig. 7.

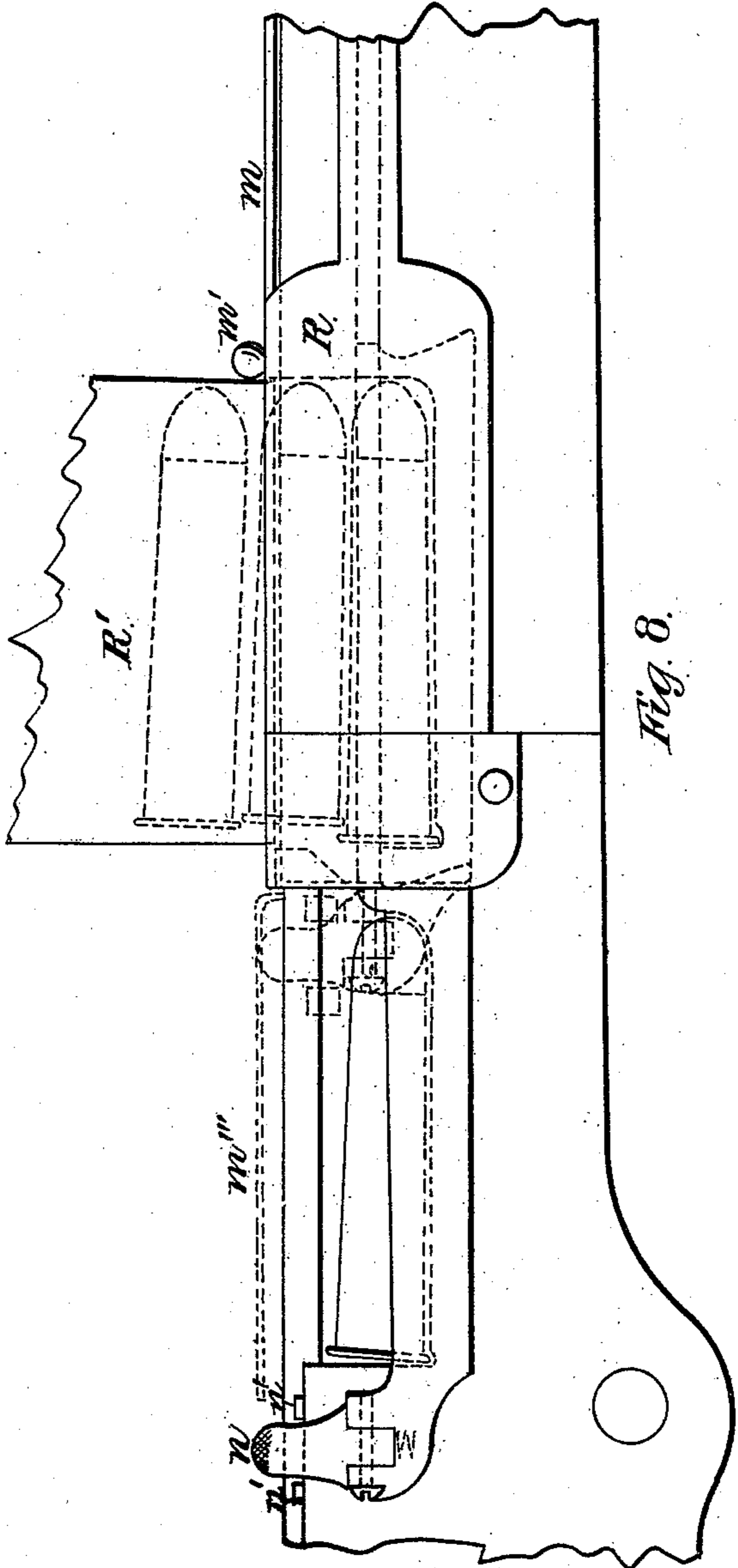


Fig. 8.

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UNITED STATES PATENT OFFICE.

ANDREW BURGESS, OF OWEGO, NEW YORK.

IMPROVEMENT IN MAGAZINE FIRE-ARMS.

Specification forming part of Letters Patent No. **213,867**, dated April 1, 1879; application filed June 14, 1878.

To all whom it may concern:

Be it known that I, ANDREW BURGESS, of Owego, Tioga county, and State of New York, have invented a new and useful Improvement in Magazine Fire-Arms, of which the following, in connection with the drawings herein referred to and forming a part hereof, is a full and complete description.

This invention consists, principally, in adapting a reservoir or magazine base to the side of an ordinary breech-loading arm, so that it shall feed the cartridges automatically into the receiver of the arm when the operator shall desire, and a removable cartridge box or magazine adapted to the above-named magazine-base, together with the general arrangement and combination of parts hereinafter more fully set forth and described.

In the accompanying drawings, Figure 1 is a longitudinal side view of this arm with the reservoir or magazine base attached. Fig. 2 is a cross-section on the line *y y*. Fig. 3 is a cross-section on the line *z z*. Fig. 4 represents the reciprocating carrier. Fig. 5 is a side view of the removable cartridge-box. Fig. 6 represents the front end of the same. Fig. 7 is a top or plan view of the arm with base R attached, the position of the feeding cartridge and end of bolt when breech is open being shown in dotted lines. Fig. 8 shows the arm with cartridge-box R' attached, the slide *m* pushed forward, and the slide *m'''*, in dotted lines, free to fall away from the position it attains when the cartridge-box is shoved onto the base R.

Similar letters of reference indicate corresponding parts.

The base R is fixed to the side of the arm, and is capable of holding freely one or more cartridges. It may be fixed directly over the opening in the receiver through which it feeds the cartridges; but I prefer to place it forward, to be less in the way of the person operating the arm. This base is provided with a carrier, T, to receive the lower cartridge, as seen in Figs. 1, 7, and 8. This carrier can be readily connected with the reciprocating breech-bolt, as seen in Fig. 1, so as to move a cartridge rearward whenever the breech is opened.

A cover, *m*, is fitted to the base R, sliding in suitable grooves. This cover has a knob, *m'*.

The bottom of the removable cartridge-box R' is similar in form to the top of the stationary base, and is closed by a similar slide, which opens rearward. The projecting base of this box, *r r*, is adapted to slide in the grooves *r'* of the fixed base R.

To operate this magazine, I slide the box R' onto the base R, its front end striking the knob *m'*, and at the same time the bent-down front end of the slide *m''* in the cartridge-box is engaged by the rear abutment of the base R, so that in the act of sliding on the removable cartridge-box both that and the fixed base are opened, to allow a free passage from the cartridge-box to the carrier or to the opening in the receiver, as the case may be. The catch *n* may be then turned inward to engage the breech-bolt by snapping between the projections *n' n'*. Then, moving back the breech-bolt, the carrier T partakes of its movement, and pulls a cartridge back to the position shown in Fig. 1, opposite the opening in the receiver, into which it will fall by its own weight, in front of the face of the breech-block, the rod T' of the carrier serving to hold the next cartridge up, so that it may not obstruct the carrier when it shall return forward.

In closing, the breech drives the cartridge home before it, and the carrier, returning to the position shown in dotted lines, Fig. 1, receives another cartridge.

It will be readily seen that by turning the spring-catch *n* away from the breech-bolt, when the carrier is in the position shown in dotted lines in Fig. 1, the carrier becomes disconnected from the bolt, and, no longer moving with it, the arm operates as an ordinary single breech-loader.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A frame or receiver of a magazine fire-arm, open at the side, a longitudinally-moving breech-bolt in said frame, and a longitudinally-reciprocating carrier or cartridge-feeder attached to and moving with said bolt, and arranged at the side of the frame, said carrier

being provided with a curved or inclined bottom to deliver the cartridge to the receiver, all substantially as set forth and described.

2. A cartridge-box provided with the rims or flanges *r r*, adapted to slide into the grooves *r'*, in combination with the sliding cover *m*, substantially as specified.

3. A cartridge-box adapted to be attached

to a breech-loading fire-arm, the sliding plate *m'''*, to close the bottom of the cartridge-box, and the projection *m''* of the sliding plate, in combination with the fixed base *R*, as set forth.

ANDREW BURGESS.

Witnesses:

GEO. M. LOCKWOOD,

ANNIE B. IRISH.