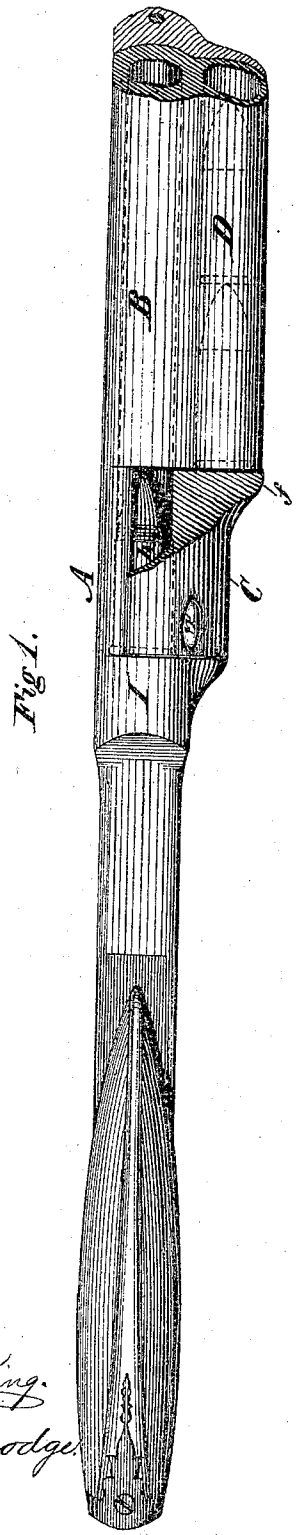
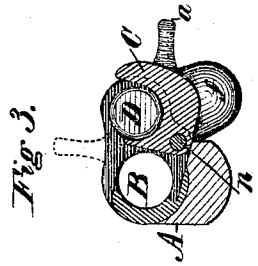
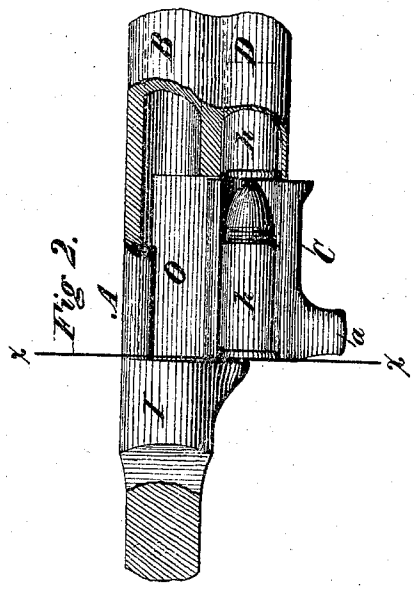
C. R. STICKNEY.

Improvement in Magazine-Guns.

No. 128,671. Patented July 2, 1872.







Witnesses.
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UNITED STATES PATENT OFFICE.

CURTIS R. STICKNEY, OF ILION, NEW YORK.

IMPROVEMENT IN MAGAZINE-GUNS.

Specification forming part of Letters Patent No. 128,671, dated July 2, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, CURTIS R. STICKNEY, of Ilion, in the county of Herkimer and State of New York, have invented certain Improvements in Magazine-Guns, of which the following is a specification, reference being had to the accompanying drawing.

My invention consists in constructing a magazine-gun with its magazine located at the side of the barrel, and making a carrier to move at right angles to the bore laterally, and that shall be operated by the hand direct, without the interposition or use of a lever or any other device than the carrier itself, as hereinafter more fully explained.

Figure 1 is a top plan view with a portion broken away. Fig. 2 is a similar view with the carrier opened; and Fig. 3 is a transverse section on the line *x x* of Fig. 2.

It has heretofore been customary to construct magazine-guns with the magazine either underneath the barrel or in the stock, and to arrange the carrier to move in a vertical plane and to be operated by a lever.

In constructing my gun I arrange the barrel B in the usual manner, by attaching it to a frame or receiver, A, as represented in Fig. 1. The magazine D I locate at the side of the barrel, as represented in the drawing. In the receiver A a recess, *o*, is formed, directly in rear of the barrel, this recess extending outward laterally through the wall on the right-hand side of the receiver, as shown in Figs. 2 and 3. I then construct a carrier, *c*, of such a length as to fit in this recess. This carrier I hinge at a point about midway between the barrel B and the magazine D, but below their bores, on a longitudinal pin or axis, *n*, as shown in Fig. 3, so that it can be swung over laterally, as represented in Figs. 1 and 2. This carrier is hollowed out on its interior longitudinally, so that when closed, it, with the side of the recess in rear of the barrel, will form a continuation of the chamber or bore of the gun in rear of the barrel, so as to allow a cartridge, *h*, to lie therein and be shoved from thence into the barrel proper, as shown in Fig. 1. This carrier C is provided at its front end with a lateral shoulder or enlargement, *f*, so that when the carrier is closed this part *f* will lie in rear of the magazine D and serve as a door or stop therefor, and thus hold the cartridges therein. It is also provided with a projection or thumb-piece, *a*, by which it is readily moved in opening and closing it. When closed it abuts against the unbroken part I of the receiver A, which holds it firmly in place, as shown in Fig. 1. When thus constructed and arranged it will be seen that when opened or turned over to the side, as represented in Figure 3, its hollow face will come on a line with the magazine D, which will permit a cartridge from the latter to be shoved out into the receiver, as represented in Fig. 2. Then, by swinging the carrier over into the recess the cartridge *h* will be carried with it and deposited in direct line with the barrel B, as shown in Fig. 1, from whence it will be shoved forward into the chamber in the barrel by a suitable sliding breech-piece or plug, there being many well-known plans for operating the breech-plug and carrier. They may be arranged to be operated by a lever, as in the well-known Winchester gun, or a sliding breech-plug similar to those used in the so-called bolt-guns may be used in connection with my improvements; but as these form no part of my present invention they are not shown in the drawing.

When the cartridge has been fired its shell will be drawn out of the chamber of the barrel into recess *o*, where it will lie in the carrier, so that by suddenly swinging the latter open or over to the right the shell will be thrown clear of the gun.

It will, of course, be understood that the gun is to be provided with a lock, and, as before intimated, with a breech block or plug, which latter will be arranged to slide longitudinally in the recess *o*, so as to shove the cartridge forward into the barrel and hold it there while being fired, and that said sliding breech or plug is to be provided with an extractor or hook to draw the shell back into the receiver after it has been exploded; but these devices being well known need not be herein described. It will, of course, be necessary to so arrange the breech-plug as that it shall be drawn back out of the way before the carrier can be opened.

It is obvious that the magazine may be arranged at either the right or left-hand side of the barrel, and that the carrier C may in like manner be arranged to open to the right or

left, but they will preferably be arranged on the right side for convenience in manipulating the arm.

Having thus described my invention, what I claim is—

1. The carrier C, constructed substantially as described, and arranged to swing laterally at right angles to the bore of the gun, as set forth.

2. A magazine-gun having its carrier-block C constructed and arranged substantially as described, whereby it may be operated by the direct application of the hand thereto, in contradistinction to those operated by a lever, substantially as set forth.

3. The combination, in a magazine-gun, of a magazine attached to the side of the barrel, with a carrier arranged to swing laterally at right angles to the bore of the gun, substantially as herein described.

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Witnesses:
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