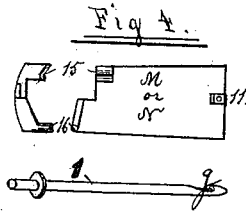
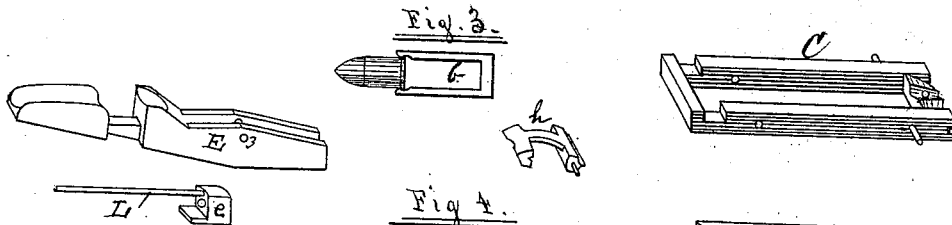
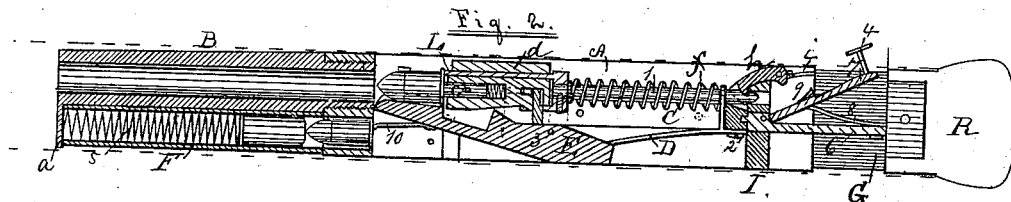
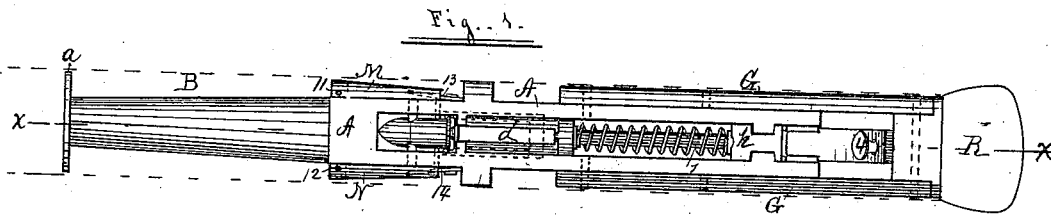


M. DAIGLE.  
MAGAZINE CANE-GUN.

No. 189,305.

Patented April 10, 1877.



WITNESSES.  
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MARCELIN DAIGLE, OF HOUMA, LOUISIANA.

## IMPROVEMENT IN MAGAZINE CANE-GUNS.

Specification forming part of Letters Patent No. 189,305, dated April 10, 1877; application filed August 24, 1876.

*To all whom it may concern :*

Be it known that I, MARCELIN DAIGLE, a resident of the town of Houma and State of Louisiana, have invented a certain new and useful Improvement in Magazine Cane Pistol or Gun; and I do hereby declare the following to be a full, clear, and correct description of the same, reference being had to the annexed drawing, making a part of this specification.

This invention relates to an improved cane gun or pistol; its construction and merits will be readily understood by referring to the drawing, whereon the working parts are clearly shown.

Figure 1 is a top view, with the cane or casing shown in dotted lines, in order the better to exhibit the mechanical parts of my invention; the handle is represented as being drawn back to its utmost limit to show the cartridge, as well as the position in which it is held previous to being discharged. Fig. 2 is a longitudinal section through the line *xx* of Fig. 1. Fig. 3 represents the shell-extractor, and the manner in which a cartridge or shell is held therein. Fig. 4 represents an inside and end view of one of a pair of devices that are attached to the sides of the frame for catching and holding the cartridges previous to their being discharged.

The parts shown in detail are each represented by letter.

A is a steel frame, one end of which is provided with a barrel, B, having a ring, *a*, at its outer end to steady the casing or cane, in the upper part of which the whole arrangement is fitted. Below the barrel is a cylindrical tube or magazine, F, for containing a supply of cartridges. These are fed as required, by a spring, 5, into a groove cut in the upper side of the forward end of a lever, E, which is pivoted at 3 on each side of the frame A. By this lever the cartridges are raised into the jaws of the shell-extractor *b*, where they are held by the forward pressure of the spring-follower *c*. Both the extractor and follower are fitted to a block, *d*, the rear of which is provided with a mortise or groove on its lower side, to receive the forward end of the sliding breech-block C, so that the movement of the one will conform to that of the other.

A hole is drilled longitudinally through the upper part of the block *d* to receive the firing-pin L, the rear of which is provided with a head, *e*, in the center of which is secured one end of a rod, 1. The opposite end of this rod passes through a perforation made in the vertical portion of a spring, D, the heel of which is secured to the rear of the breech-block by a screw, 2.

The above-mentioned rod is provided between its bearings with a spiral spring, *f*, and at its rear end with a notch or hook, *g*, which is engaged at certain stages of the operation by a pawl, *h*, operated by a spring, *i*.

To the sides of the breech-block are secured metallic pieces G G', having their rear ends attached to the handle R, by which the mechanism is operated. The said handle is provided with a stem, 6, on the upper side of which is a pivoted catch, 7, operated by a spring, 8. A tenon is formed on the forward end of the stem, which fits into a mortise cut in the rear of the breech-block, and thereby connects the two together.

In order to prevent the cartridges from being pressed out of the magazine when the lever E is in its uppermost position, the latter is provided with a spring, 10, the free end of which acts upon the head of the remaining cartridges, as shown.

An important feature of my invention consists in the arrangement of the catching and locking devices M N. These are secured on each side of the frame by means of screws, to which they are pivoted, as at 11 12, their outward movement being limited by the side springs 13 and 14, which are so adjusted that the catches 15 16 of the aforesaid devices may, at certain movements of the mechanism, be thrown inward or outward, so as to check or release the cartridges, as the necessity of the case may require.

The discharge of the gun is accomplished by driving in the handle or head of the stick, which presses forward the breech-block with its cartridge until the latter is inserted to its required depth in the barrel, the firing-pin in the meantime being held back by the rod 1, which is engaged by the pawl *h*, until the latter is raised clear of the notch therein by the projection 9 of the catch 7, which is thrown

upward by the spring 8, as it clears the inner edge of the opening in the breech-block support J.

The holding back of the firing-pin, as above described, compresses the spiral spring *f*, which, on being suddenly released from the catch, drives forward with considerable force the firing-pin L, causing the point of the same to penetrate the rear of the shell, and thus explode the cap.

In the drawing back of the handle or cocking of the gun, to do which the button 4 must be pressed inward so that the catch may clear the opening in the breech-block support, all the movable parts are put in operation. The long end of the lever E, from the action of the spring D, is pressed upward, while the cartridge within the grooved top of the same throws out the shell, which, until this movement, is securely held in the cap-extractor by the outward pressure of the spring-plunger.

Having described my invention and its mode of operation, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the devices M and N, having catches 15 and 16 and pivots 11 and 12, with the springs 13 and 14, when arranged to operate as described, and for the purpose set forth.

2. The arrangement, within frame A, of the block *d* and breech-block C, the latter provided with a spring, D, for operating the cartridge-lever E, as described, and for the purpose set forth.

3. The combination of the block *d*, sliding block C, firing-pin L, rod 1, and spring *f* with the pawl *h* and spring *i*, all arranged to operate as described, and for the purpose specified.

4. The arrangement, within the frame A, of the breech-block C, side pieces G, stem 6, and handle R, substantially as set forth.

5. A magazine cane-gun, consisting of the frame A, provided with a barrel, B, magazine F, lever E, provided with spring 10, shell-extractor *b*, block *d*, sliding breech-block C, firing-pin L, rod 1, and handle R, the whole constructed and arranged to operate substantially as described.

In testimony whereof I have hereunto signed my name.

MARCELIN DAIGLE.

In presence of—

H. N. JENKINS,

T. J. ROACH.