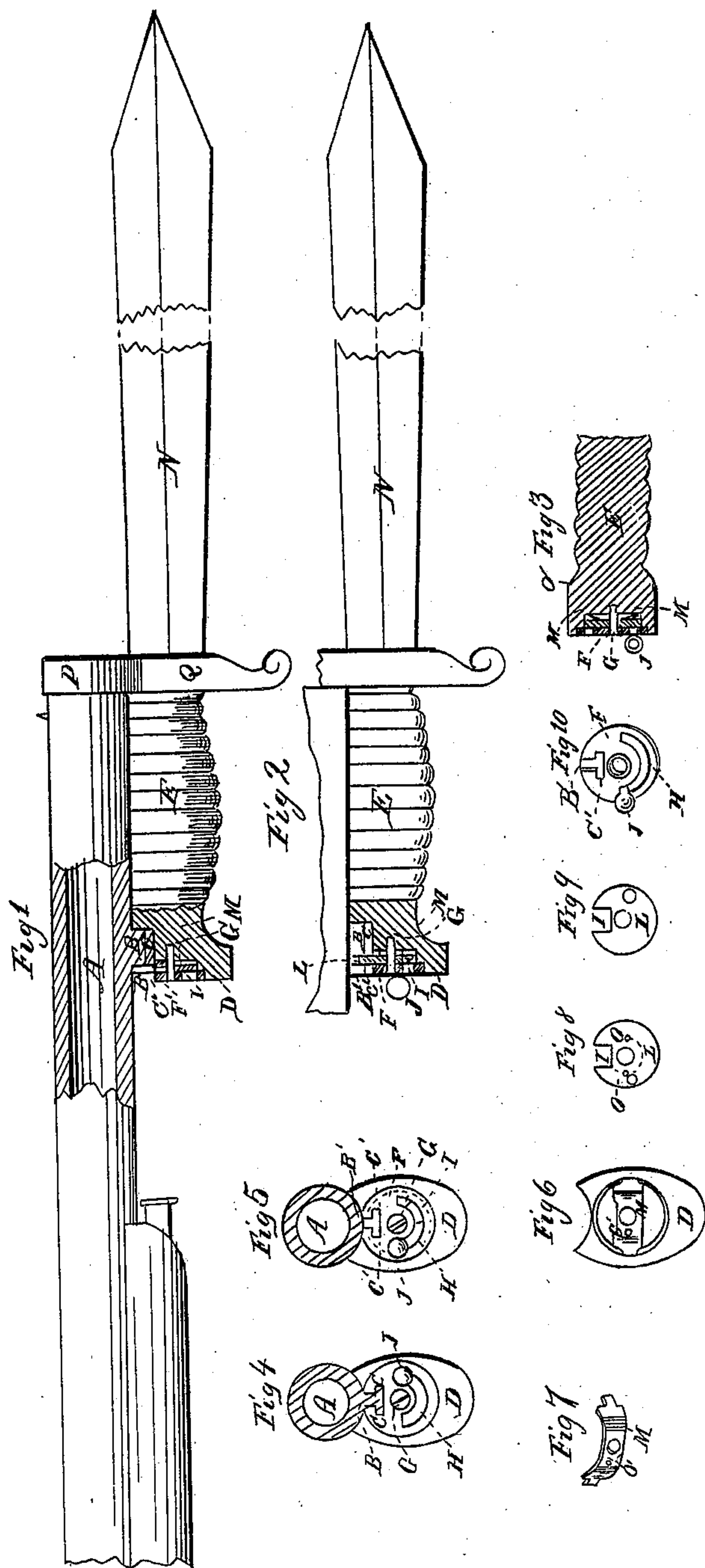


C. A. McEVOY.

Bayonet.

Patented Oct. 30, 1860.

No. 30,539.



Witnesses  
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# UNITED STATES PATENT OFFICE.

C. A. McEVOY, OF RICHMOND, VIRGINIA.

## IMPROVED SABER-BAYONET FASTENING.

Specification forming part of Letters Patent No. 30,539, dated October 30, 1860.

*To all whom it may concern:*

Be it known that I, C. A. McEVOY, of Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Improvement in Saber-Bayonet Fastenings; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a partial section and side view of the end of the rifle and bayonet slipped on it; Fig. 2, a similar view, the bayonet being locked to the rifle end. Figs. 3, 4, 5, 6, 7, 8, 9, and 10 are views of detached portions of the device.

Similar letters of reference in each of the several figures indicate corresponding parts.

The nature of my invention consists, first, in fastening a saber or other bayonet to the muzzle end of a rifle by a lock located in the rear end of the handle of said bayonet, for the purpose to be described.

It consists, second, in the arrangement of a stationary and slotted plate, movable and slotted disk, and spring-stop, all located in the rear end of the handle of a bayonet, in combination with a T-shaped projection near the muzzle end of a rifle, for the purpose of fastening the bayonet to the rifle in the manner to be described.

The object of this improvement is to secure the bayonet to the rifle in such a manner that in fencing or charging the opponent cannot wrench the bayonet from the rifle as easily as is the case with a bayonet fastened to the rifle by a spring-catch or similar lock situated in the side of the handle. It will be understood that if the opponent, when in defending himself, takes hold of the handle of such a bayonet, he is very apt to press upon the spring-catch even without intending to do so, and thereby to detach the bayonet from the rifle. In this improved bayonet the lock is therefore located in the rear end of the handle, almost entirely out of reach of the opponent's hand, in order to prevent a chance or intentional detachment.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

N is the bayonet, provided with a guard, Q

P, and a handle, E, the ring-shaped part P of the guard being intended to embrace the muzzle end of the rifle A when attached to it. A plate, F, is secured in the rear end of the bayonet-handle, by means of a screw, G, passing through its center. The plate F covers a recess in the rear end of the bayonet-handle. The screw G serves also as a center pivot for a disk, L, placed between said plate and a spring, M, the disk and spring being arranged in said recess in the end of the bayonet, so that the former turns and the latter remains stationary. The plate F contains a T-shaped slot, B' C' C', and the disk is provided with a slot, I, as seen in Figs. 8 and 9. A knob, J, projects from the disk through a semicircular slot, H, in the plate F. By means of this knob the disk can be moved to the right or left round the center G, and the knob is so placed that when moved to one end of the semicircular slot H the two slots B' C' C' and I are in line, as seen in Fig. 4, so that this end of the handle can be slipped over a T-shaped flange, B C C, projecting from the side of the barrel A near its muzzle end. The knob can then be turned the other way, so that the disk shall be in the position represented in Fig. 5 when the slot I is no longer in line with slot B' C' C', and a portion of the disk L bears against the base of the flange B C C. In this manner the bayonet is effectually secured in its place, and cannot be removed from the rifle except by turning disk L back into its original position shown in Fig. 4. To lock the disk in both of its extreme positions, the spring M underneath the disk is provided with a small pin, O', taking in either of said positions of the disk into one of two small recesses, O O, in the bottom surface of the disk. This spring will yield, and the pin O' be slipped out of the recess O only on applying some force to the knob J for the purpose. This knob is hardly accessible to the hand of an opponent; nor is it likely that even if he should happen to strike the knob he would move it just the proper way and distance to unlock the fastening. This fastening is therefore far superior to any fastening arranged in the side of the bayonet-handle.

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

1. Fastening a saber or other bayonet to the muzzle end of a rifle by a lock located in the



rear of the handle of said bayonet, substantially as and for the purposes set forth.

2. The arrangement of a stationary and slotted plate, F, movable and slotted disk L, and spring-stop M, all located in the rear end of the handle of a bayonet, in combination with a T-shaped projection, B C C, near the muz-

zle end of a rifle, substantially as and for the purposes set forth.

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Witnesses:

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