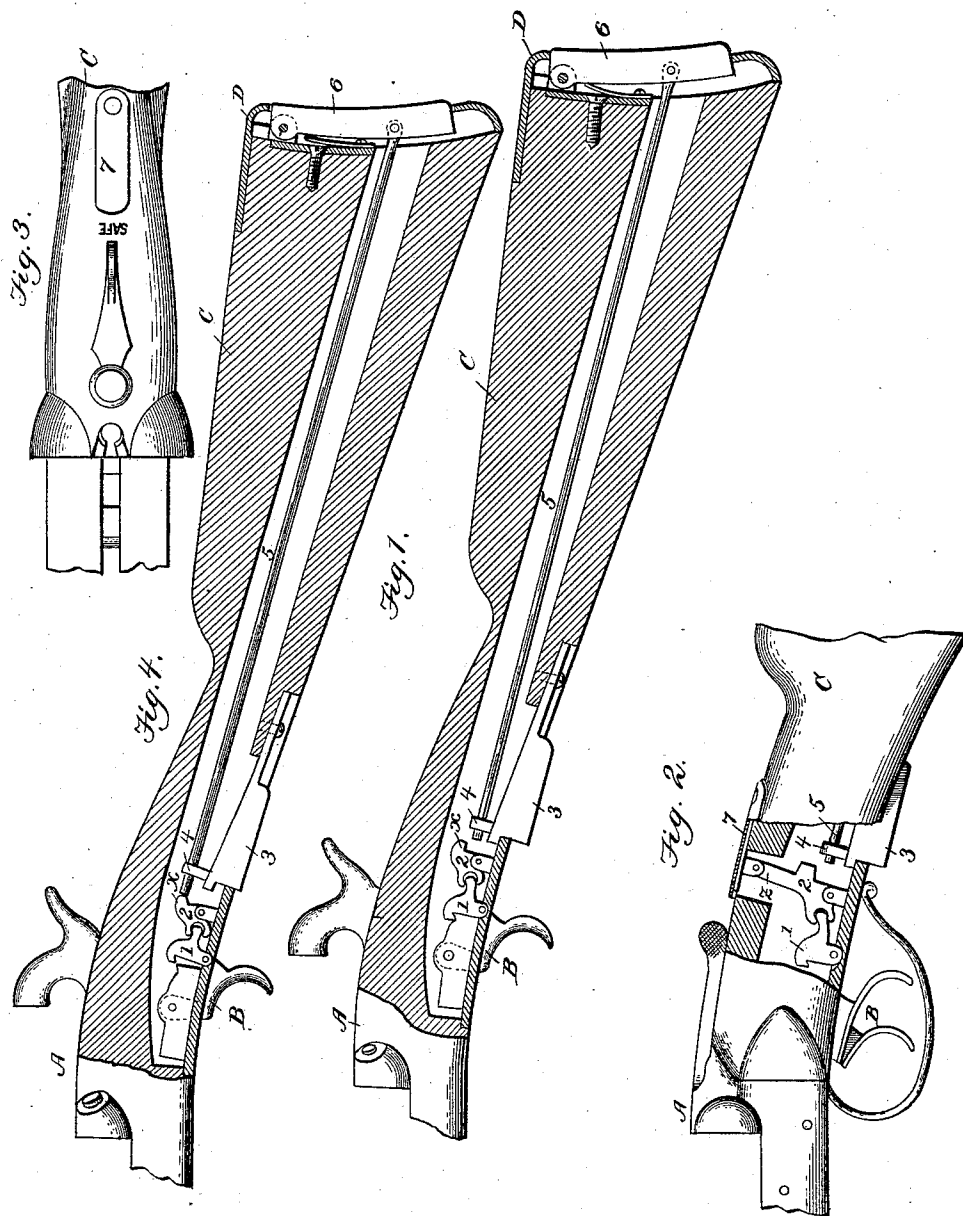


(No Model.)

R. M. GALLAWAY.
SAFETY ATTACHMENT FOR FIRE ARMS.

No. 462,859.

Patented Nov. 10, 1891.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ROBERT M. GALLAWAY, OF NEW YORK, N. Y.

SAFETY ATTACHMENT FOR FIRE-ARMS.

SPECIFICATION forming part of Letters Patent No. 462,859, dated November 10, 1891.

Application filed July 8, 1891. Serial No. 398,747. (No model.)

To all whom it may concern:

Be it known that I, ROBERT M. GALLAWAY, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Safety Attachments for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in safety attachments for fire-arms.

The object of the invention is to provide means whereby a gun may be carried and handled with safety while cocked and ready for discharge.

The invention consists in the combination of a trigger or triggers, a latch or dog for locking said triggers in their normal position, and dog-releasing mechanism involving two separately-operated groups of mechanism whereby the conjunction of three separate and distinct operations are required to discharge the gun—to wit, the joint action of two sets of devices for releasing the trigger-dog and the action of pulling the trigger.

In the drawings forming a part of this specification, Figure 1 is a central section showing my invention as applied to a hammer-gun. Fig. 2 is a similar section showing the invention as applied to a hammerless gun. Fig. 3 is a top plan of a hammerless gun with a safety-indicator. Fig. 4 is a section showing the trigger-dog in its unlocked position.

A is the metallic frame or body of the gun; B, the ordinary trigger; C, the stock, and D the butt-plate.

To a suitable support, as the trigger-guard, I secure a latch or dog 1 for holding the trigger in position, so that it cannot be pulled and the gun fired until the said latch or dog is released or moved out of range of the trigger-arm. Coupled with this latch or dog is a tumbler 2, through the medium of which the latch or dog is conveniently operated to unlock the trigger. For operating the tumbler, and through it, the latch or dog, I provide a grip-lever 3, suitably pivoted in the small of the stock and adapted to be operated by gripping or closing the hand upon the stock when bringing the gun into position for firing. This grip-lever is connected by a link or loop

4 with a vibrating and reciprocating rod 5, arranged in the stock of the gun, as shown, and rod 5 is flexibly connected with lever 6, pivoted in the butt-plate of the gun. The lever 6 is adapted to be operated, and through it the rod 5, upon bringing the butt of the gun to the shoulder in the act of supporting and sighting the gun preparatory to firing the same. It will be observed that the tumbler 2 is provided with a shoulder or projection *x* above and in front of the end of rod 5 when in normal position, and in such position that operating the grip-lever 3 alone or operating the butt-lever 6 alone will have no effect to disturb the position of the tumbler 2; but the joint operation of the grip-lever and the butt-lever will throw the tumbler forward, and through it the latch will be released, when the trigger may be pulled and the gun fired in the usual way. It is remarked that while neither of the levers 3 and 6 alone will operate the tumbler both of them together will do so, and it is immaterial which of the levers precedes the other or whether they are simultaneously operated, the only condition being that both must be in operation at the same time.

In the case of hammerless guns the tumbler 2 has an upward extension *z*, connected with the slide 7 above the tang of the metallic frame, and the word "Safe" or other indicating sign is engraved on the frame to indicate that the arm is in a safe condition at all times when the plate does not cover the indicating-mark.

This safety apparatus has advantages over other adjustments known to me in that it involves more than two distinct operations by the user in order to fire the gun; but while the movements are multiplied they are such as may readily be made in the acts of handling the gun in aiming and shooting, and therefore in no material respect do they embarrass the user.

Having now described my invention, what I claim is—

1. The combination of a trigger, a latch or dog for locking said trigger in normal position, and dog-releasing mechanism consisting of two mechanically-connected but separately-operated groups, the joint action of which releases the dog, substantially as described.

2. The combination of a trigger, a trigger latch or dog therefor, a grip-lever, and a butt-

lever, and intermediate connections between said levers for releasing the trigger-dog, substantially as described.

3. The combination of a trigger, a trigger
5 latch or dog therefor, a grip-lever and butt-lever operatively connected with each other, and a tumbler for releasing the trigger-lock, substantially as described.

4. The combination of a trigger, a latch or
10 dog for locking said trigger, dog-releasing mechanism consisting of two mechanically-connected but separately-operated groups of devices, the joint action of which releases the

dog, and a safety-indicator, substantially as described.

5. The combination of a trigger, a trigger
15 latch or dog therefor, a safety-indicator, a grip-lever, and a butt-lever intermediately connected, substantially as described.

In testimony whereof I affix my signature in
20 the presence of two witnesses.

ROBERT M. GALLAWAY.

Witnesses:

DANL. W. MCWILLIAMS,
FRANK K. HAIN.