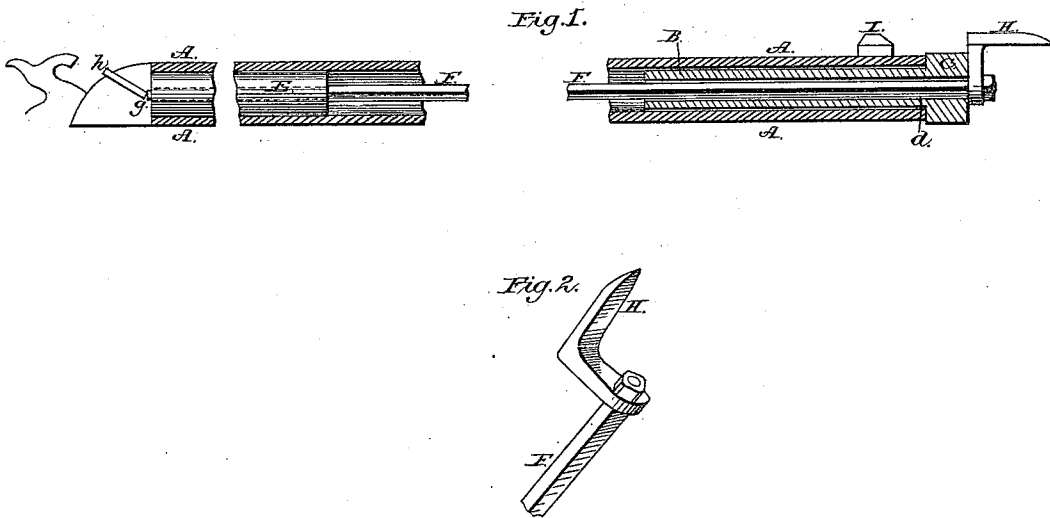


G. W. WINGATE.

AIMING ATTACHMENT FOR FIRE-ARMS.

No. 184,743.

Patented Nov. 28, 1876.



Attest:
Frank H. Smiley
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UNITED STATES PATENT OFFICE.

GEORGE W. WINGATE, OF NEW YORK, N. Y.

IMPROVEMENT IN AIMING ATTACHMENTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. 184,743, dated November 23, 1876; application filed September 18, 1876.

To all whom it may concern:

Be it known that I, GEORGE WOOD WINGATE, of the city, county, and State of New York, have invented a new and useful Improvement in Fire-Arms, which I term an "Indicator for Aiming-Drill," of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification.

The object of my invention is to enable a knowledge of the proper method of aiming and discharging a rifle or other fire-arm to be acquired, and to bring the finger and eye of the shooter to work together (as is sought to be accomplished in what is known as aiming-drill) without the use of any charge in the gun or other power than is derived from the fall of the hammer, or force usually applied to secure the discharge of the cartridge, and without altering or injuring the gun used.

To enable others skilled in the art to make and use my invention I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A A represent the barrel of a rifle, in the muzzle of which is placed a tompon, B, having a cap, C, in the center of which is drilled a square hole, *d*, which is in a line with the axis of the barrel. A rod or plunger, E F, works up and down the barrel, the butt part E being made to fit it easily, while the remainder F is squared so as to fit the hole *d*. On the end of the butt of this rod E F is placed a pin, *g*, which slides into the recess left by the retraction of the firing-pin *h* when the piece is cocked. On the forward end of the rod is placed a pin, H, of such a shape that its point is in a line with the foresight I, and the pin itself is concealed by such foresight in aiming.

This invention can be used in any rifle or gun having a firing-pin, or other similar method of exploding fixed ammunition.

Its operation is as follows: The rod or plunger E F is dropped into the barrel of a rifle, and the tompon B turned so as to bring the pin H in a line with the center of the foresight I. By cocking, and raising the muzzle of the gun, the rod or plunger falls to the bottom of the barrel, and the pin *g* rests against the firing-pin. When the hammer falls its blow is transmitted through the firing-pin to the rod or plunger, and forces the latter out of the barrel and in a direct line with the axis of the latter. The rod, being fitted to the square hole *d* in the tompon, cannot turn, and the pin H is propelled in a line with the foresight, and makes a puncture at the spot aimed at in the same manner as a ball would have done in actual target practice. The tompon B adheres to the sides of the barrel and prevents any more than the squared portion of the plunger from passing out of it. When the gun is again cocked and raised the rod falls into position for a second shot.

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

1. The rod E F, having a point or pin, H, and a guiding device, and adapted to be operated by the firing-pin of an ordinary rifle or other small arm, substantially as and for the purposes described.

2. The rod E F, in combination with the tompon B and pin H, substantially as and for the purposes set forth.

GEO. W. WINGATE.

Witnesses:

FRANK H. SMILEY,
H. W. SCHMITZ.