W. MATTHEWS.
Sight for Fire-Arm.

No. 211,763. Patented Jan. 28, 1879.

Fig. 1

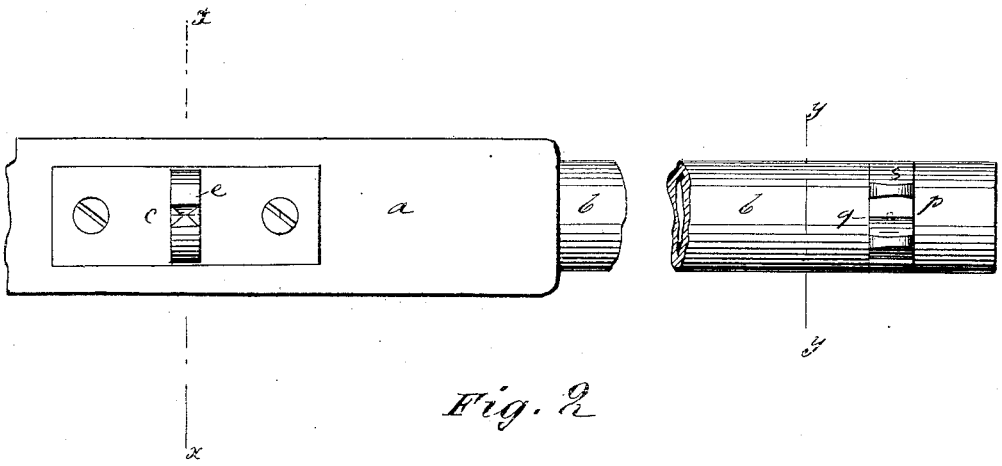

Fig. 2

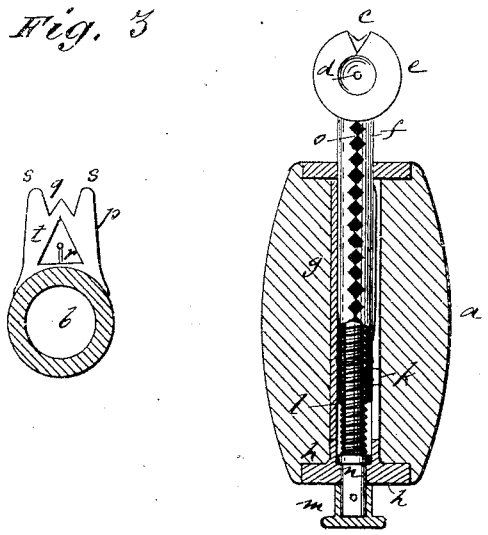

Fig. 3

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UNITED STATES PATENT OFFICE.

WASHINGTON MATTHEWS, OF CAMP BIDWELL, CALIFORNIA.

IMPROVEMENT IN SIGHTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. **211,763**, dated January 28, 1879; application filed October 17, 1878.

To all whom it may concern:

Be it known that I, WASHINGTON MATTHEWS, of Camp Bidwell, in the county of Modoc and State of California, have invented a new and Improved Sight for Rifles, of which the following is a specification:

The object of my invention is, first, to construct the sight attachments for guns and rifles so as to combine the different kinds of sights generally used, and thus avoid the necessity of separate attachments and the trouble of changing them; secondly, to attach the rear sight so that it may be readily adjusted for distance; and, thirdly, to indicate the adjustment of the sight in such a manner that it may be distinguished when the gun is at the shoulder or in a poor light.

My invention relates to a rear-sight attachment for guns and rifles which is adjusted vertically by means of a screw.

In the accompanying drawings, Figure 1 is a plan view of a portion of a gun stock and barrel with my improved sights attached thereto. Fig. 2 is a cross-section of the stock, taken on line *x x*. Fig. 3 is a cross-section of the barrel, taken at the line *y y*.

Similar letters of reference indicate corresponding parts.

a is the stock, and *b* the barrel. The rear sight consists of a circular disk of metal, *e*, notched at *c*, to form an open sight of usual character, and having a tapering hole, *d*, bored in the center, which serves as a peep-sight. The disk *e* is at the upper end of a stem, *f*, that is shown as a tube fitting in a sleeve, *g*, that is formed with and secured in the stock *a* by a plate, *h*, which plate is held to the under side of the stock by screws. (Not shown.) The disk *e* should stand across the stock, and to retain it in such position there is a pin, *k*, (see Fig. 2,) projecting from the stem *f* into a longitudinal slot in sleeve *g*.

The lower end of the stem *f* is provided with an interior thread to receive a screw-pin, *l*, that passes through the plate *h* and carries a knob, *m*, at its outer end, whereby it may be turned to raise and lower the stem *f* and sight *e*. The screw-pin *l* is retained in place by a flange, *n*, formed upon it and taking against the inside of plate *h*.

The side of the stem *f* toward the butt of stock *a* is marked with diamond-shaped figures, as seen at *o*, to indicate the elevations necessary for different distances. Each one of these figures represents a fixed distance—say, one hundred yards—and the number of the figures that show above the surface of the stock is an indication of the number of yards at which the sight is set.

The front-sight attachment *p* is constructed with a triangular opening, in which the pin *r* is located. The open sight *q* has guards *s* on each side.

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

The rear-sight attachment *e* and stem *f*, fitted in the stock of a rifle, in combination with the screw *l*, substantially as described, and for the purposes set forth.

WASHINGTON MATTHEWS.

Witnesses:

A. C. KISTLER,

MARK GRIBBON.