A. T. DECKER.

Rear-Sight for Fire-Arm.

No. 198,279. Patented Dec. 18, 1877.

Fig: 1.

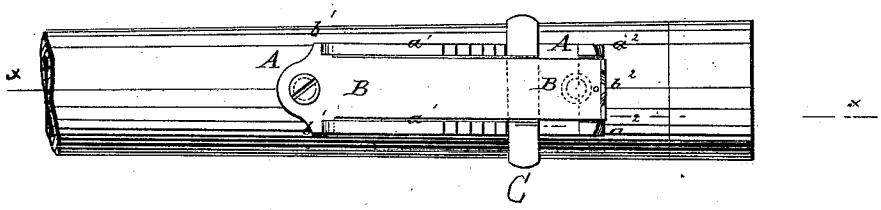


Fig: 2.

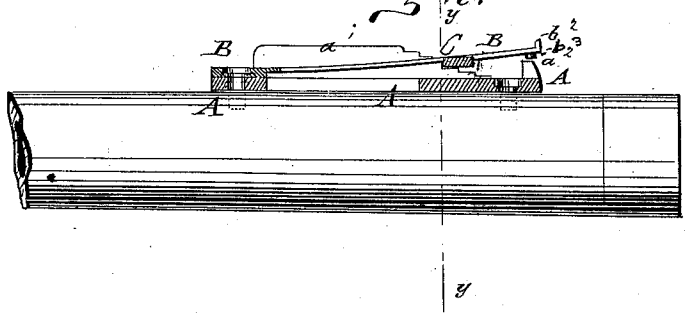
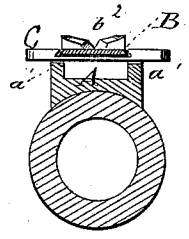


Fig: 3.



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IMPROVEMENT IN REAR SIGHTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. **198,279**, dated December 18, 1877; application filed October 22, 1877.

To all whom it may concern:

Be it known that I, ALONZO T. DECKER, of the city, county, and State of New York, have invented a new and useful Improvement in Carbine Rear Sights, of which the following is a specification:

In the accompanying drawings, forming part of this specification, Figure 1 is a top view of my improved device. Fig. 2 is a longitudinal section of the same taken through the line *x x*, Fig. 1. Fig. 3 is a cross-section of the same taken through the line *y y*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a rear sight, designed especially for the Remington carbine, but equally applicable to other arms, which shall be so formed as to give a lower elevation, and, consequently, a more accurate aim for short distances, than the rear sights now in use.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

A is the bed-piece, the lower side of which is so formed as to fit upon the barrel of the arm, and which has a hole in each end to receive a screw for securing it to said barrel. Upon the side edges of the bed-piece A are formed flanges a^1, extending from its forward end nearly to its rear end, and in the rear part of which is formed a series of steps, so graduated that each step may give an elevation of fifty yards. At the rear end of the side edges of the bed-piece A are formed projections or stops a^2.

B is a spring-plate, upon the side edges of the forward end of which are formed shoulders b^1, to fit into notches in the forward ends of the flanges a^1 of the bed-piece A, and in its forward end is formed a hole to receive the screw that secures the forward end of the said bed-piece to the barrel. Upon the rear end of the plate B is formed an upwardly-projecting flange, b^2, which is notched to form the sight. The plate B is made elastic, and its side edges are beveled to fit into a dovetailed groove in the upper side of the small cross-bar C, which slides back and forth upon it, and is kept from slipping off its rear end by a pin or point, b^3, attached to or formed upon the lower side of its said rear end. For the shortest or point-blank range the cross-bar C rests upon the bed-plate A, between the projections a^2 and the rear ends of the flanges a^1. For each fifty yards additional distance the bar is slipped forward one step upon the flanges a^1, so as to give the necessary elevation, where it is held securely in place by the elasticity of the sight-plate B.

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

The combination, with slide C and bed A, having stepped side flanges, of the plate B, made elastic, fastened at one end, and provided with sight at the other end, as shown and described.

ALONZO T. DECKER.

Witnesses:

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