

H. ROWELL.  
SIGHT FOR FIRE ARMS.

No. 266,206.

Patented Oct. 17, 1882.

Fig. 1.

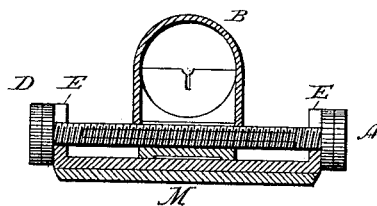


Fig. 2.

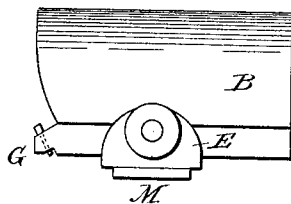


Fig. 3.

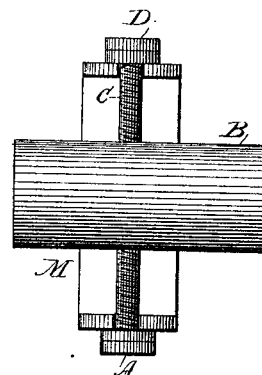


Fig. 5.



Fig. 4.

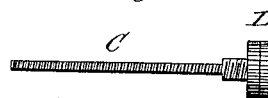
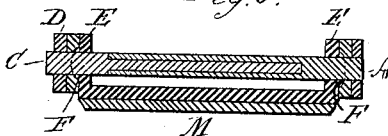


Fig. 6.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## SIGHT FOR FIRE-ARMS.

SPECIFICATION forming part of Letters Patent No. 266,206, dated October 17, 1882.

Application filed February 9, 1878.

*To all whom it may concern:*

Be it known that I, HARVEY ROWELL, of the city of Columbus, county of Columbia, and State of Wisconsin, have invented a new and useful Improvement in Gun-Sights, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a vertical cross-section; Fig. 2, a side view; Fig. 3, a plan view; Fig. 4, a view of slide; Fig. 5, a view of thumb-screw, and Fig. 6 a sectional view with the hood removed.

The object of my invention is to provide a front sight which may be adjusted for wind, drift, &c., and also in which the hood may be adjusted to align with rear sight.

In the drawings, Figs. 1, 2, and 3 represent the sight, which consists of a block, M, dovetailed to fit a cut in the gun-barrel, and having at each end perpendicular lugs E E. A thumb-screw, A, passes through or rests in a slot in one of the lugs. It has a longitudinal kerf cut in it nearly its entire length. (Shown in detail by Fig. 5.) In this kerf is placed a screw or slide, C, of the same thread, and having its sides removed for a distance corresponding to the length of the kerf in the thumb-screw. It is shown in detail by Fig. 4. It has a nut, D, fitted to its end, and rests in the other lug E of the block M, Fig. 1, and in the kerf of the thumb-screw, the two forming a complete screw on which the hood B is fitted. The thumb-screw head and the nut are turned hollow on the side next the lugs, and when in position shut over projections F of the lugs, by which they are retained in position, the nut and head drawn downward to the same position every time, the screw set parallel with the block, and the hood held flat on the block.

The upper surface of the block M, Fig. 3, may

have a diagonal or other scale, H, to correspond with the scale on the rear sight. A screw, G, Fig. 2, is placed near the end of the hood for the purpose of changing the angle of the hood with the barrel to bring it in line with the rear sight at different elevations.

It is operated as follows: The nut D is first loosened. The hood B is then carried to either side by the thumb-screw A, the desired distance being read on the scale. It is set in position by tightening the nut D, which, drawing laterally, holds the thumb-screw head against the lug E. By sliding the slide C in the kerf of the thumb-screw A the hood B is set tight on the thread and draws itself against the lug E, thus tightening every joint; or the same result may be attained by holding the nut and turning the thumb-screw, as it may be desired to tighten to the right or left.

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

1. The combination, with the hood, of the screw G, whereby the hood is adjusted to the rear sight, substantially as specified.

2. The combination, with the block M, having split lugs and projections F F, of the screw having a countersunk head and the countersunk nut, the projections engaging in the countersinks to hold the screw in position while loosened for adjustment, substantially as and for the purposes herein specified.

3. The combination, with the block, thumb-screw, slide, and nut, of the hood, whereby, in tightening, the slide and screw are drawn in opposite directions and the hood held firmly in position, substantially as specified.

HARVEY ROWELL.

Witnesses:

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E. V. BRIESEN.