

H. W. COLVIN.
Sight for Fire-arm.

No. 25,389.

Patented Sept. 13, 1859.

Fig. 1.



Fig. 2.



Fig. 3.

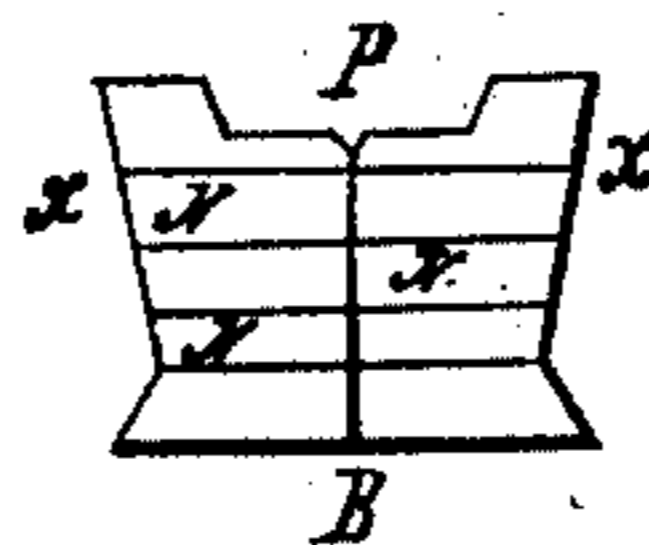


Fig. 4.

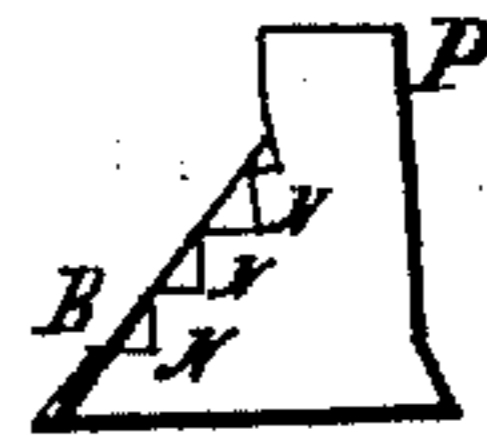
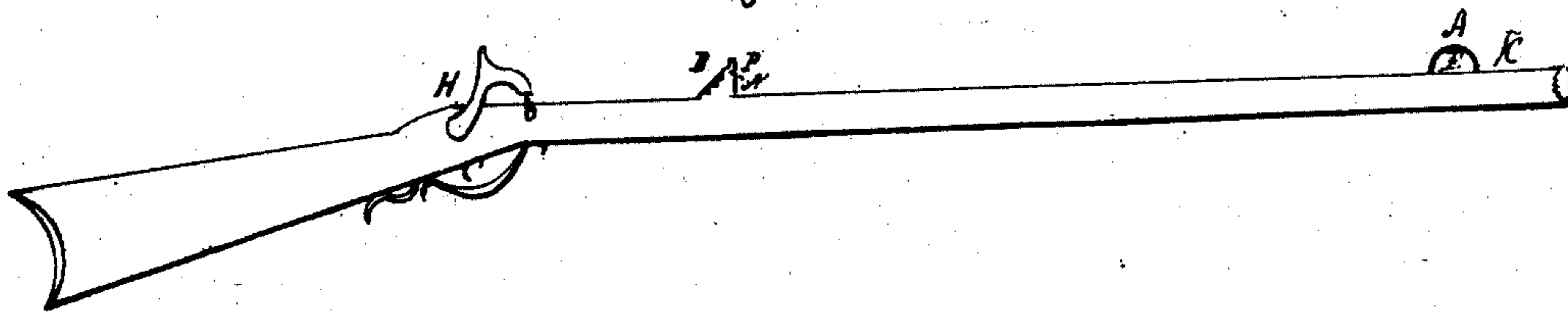


Fig. 5.



Witnesses.

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UNITED STATES PATENT OFFICE.

HENRY W. COLVIN, OF PENDLETON COUNTY, KENTUCKY.

IMPROVEMENT IN SIGHTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. 25,389, dated September 13, 1859.

To all whom it may concern:

Be it known that I, HENRY W. COLVIN, of the county of Pendleton and State of Kentucky, have invented and made certain new and useful Improvements in Gun-Sights; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and letters of reference.

Figure 1 is a front view of the fore sight, as seen from the point H in the line H A, Fig. 5. Fig. 2 is a side view of the fore sight, as seen in the line R R, Fig. 1. Fig. 3 is a front view of the hind sight, as seen in the line H P, Fig. 5. Fig. 4 is a side view of the hind sight, as seen in the line X X, Fig. 3. Fig. 5 is a side view of both sights properly arranged for use on the gun.

The nature of my invention consists in the sights being so arranged or constructed that the marksman can take more certain aim in whatever position the gun may be held, and to enable those whose eyes or sight have become dim by age or any other cause to take certain aim.

In the construction of the fore sight, I employ a semicircular piece of iron, or other metal, which is transversely fixed in the gun-barrel, as seen by the letter E, Fig. 5. In combination with this piece of metal I use a semicircular piece of silver, or any suitable metal, placed in vertical position, and countersunk and firmly secured, but sufficiently raised to form a bead, the same being in direct line or range with the notch P in the hind sight, and in the range H K, Fig. 5, and A A A, Fig. 2, and A, Fig. 1.

In order to obviate the well-known difficulty to marksmen commonly known as "blazing" or "glaring" of the sights, when the gun is held in an opposite direction from the sun, I employ two or more notches or transverse sinks cut in the main sight, so as to produce a shade on the semicircular piece of silver constituting the bead A, as seen in Figs. 1 and 2, (represented by the letters E E.)

In the construction of the hind sight, which is of a triangular form, which is shaded by transverse sinks or notches, into which I insert the range or needle, which is of silver or any other suitable metal, which is placed in an upright position immediately under the notch P, as represented by the line B P, Fig. 3, this needle being finely pointed, with the point upward, as seen in Fig. 3, and also in Fig. 4. The front of this sight is shaded by transverse sinks or notches, producing the same effect as they do in the fore sight, as seen in Fig. 4, (represented by the lines and letters N N N,) also in Fig. 3, (by the same letters.)

Having thus described my invention, I wish it distinctly understood that what I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The semicircular form of the fore sight, with its range piece or bead and shades, and the triangular form of the hind sight, with its needle or range and shades, substantially as herein described, and for the purpose set forth.

HENRY W. COLVIN.

Witnesses:

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