A. RODA.

Rear Sights for Fire-Arms.

No. 200,667. Patented Feb. 26, 1878.

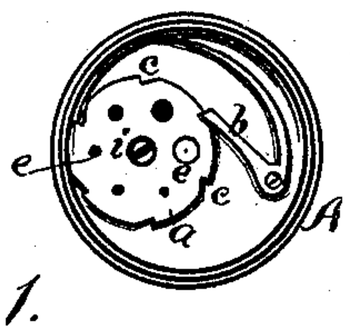

Fig. 1.

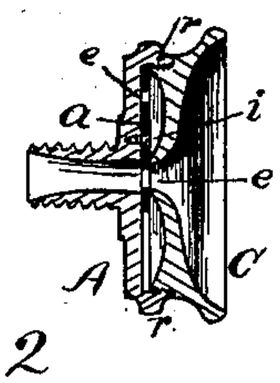

Fig. 2

Witnesses.

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ADOLPH RODA, OF ROCHESTER, NEW YORK.

IMPROVEMENT IN REAR SIGHTS FOR FIRE-ARMS.

Specification forming part of Letters Patent No. **200,667**, dated February 26, 1878; application filed December 28, 1877.

To all whom it may concern:

Be it known that I, ADOLPH RODA, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Rear or Peep Sights for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a rear view of the stock or body of the sight, having its detachable cap C removed, and showing the revolving peep-hole plate. Fig. 2 is a transverse central section of the parts.

Riflemen find it very desirable, in foggy or dark weather, to have the peep-hole of the rear sight quite large to afford more light, and thereby permit better sighting, while in a light day they prefer a much smaller opening, because thereby, with the extra light, they are able to take sharper sight.

The object of this invention is to provide the rear sight with a simple and convenient method of effecting any desired change in the size of the peep-hole without changing the sight.

It consists in providing the rear sight with a detachable cap and a revolving ratchet-disk, having a number of peep-holes of different diameters, so arranged as to cause any one of them to register to the center peep-hole of the sight stock or button.

The stock or eye-piece A of the rear sight I form as shown. Its rear face is chambered out. The disk *a* may be provided with any desired number of peep-holes, *e*, of different sizes, and as many ratchet-notches, *c*, for the end of the spring-pawl *b* to catch in.

The disk is pivoted at *i*, so that the several openings through it shall exactly register radially to the peep-hole in the stock A and in the cap C when the disk is turned.

The notches *c* are so arranged in the edge of the disk that the pawl *b* shall retain either opening in perfect registry to the openings of the cap and stock, as regards its rotary adjustment.

The projecting rim *r* of the stock A is threaded internally to receive the cap C. The latter may be formed about as shown in Fig. 2, and should be made full on the inside at the peep-hole, so as to close down firmly upon the adjustable disk, and at the same time avoid the possibility of chafing the blackened surface of the disk when the cap is being screwed in or out.

The cap C answers for the eye-piece of the rear sight, and also acts as a shield for the adjustable disk.

If desired, the revolving disk might be made thicker, and a suitable concavity formed around each separate peep-hole. This plan would render the changes of the disk more convenient, as it would always be exposed; or its edge might be made to project through the rim of the stock A when the guard or cap C is employed.

What I claim as my invention is—

1. As an improvement in rear sights for fire-arms, a ratchet or revolving disk provided with several peep-holes of different diameters, in combination with the stock A, the latter being provided with a corresponding central opening, substantially in the manner and for the purposes set forth.

2. In combination with the stock A of gun-sights, and the pivoted disk *a*, the detachable cap C, substantially as and for the purposes set forth.

ADOLPH RODA.

Witnesses:
WM. S. LOUGHBOROUGH,
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