

F. A. CHURCHILL.
GUN SIGHT.

No. 112,124.

Patented Feb. 28, 1871.

Fig. 1.

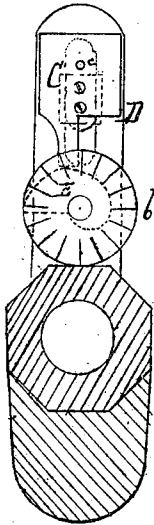


Fig. 2.

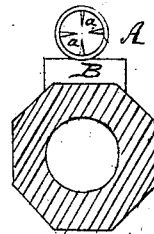


Fig. 3.

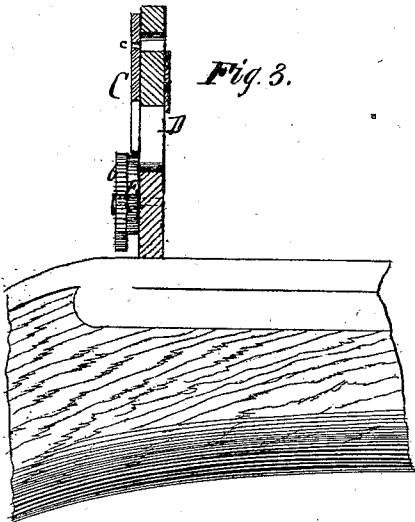
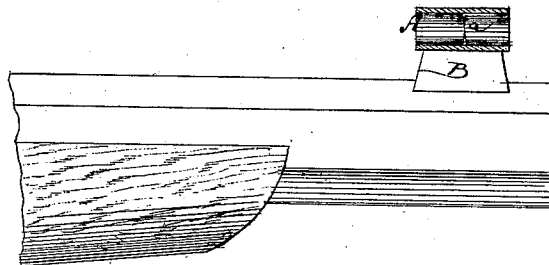


Fig. 4.



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FREDERIC A. CHURCHILL, OF PITTSFIELD, MASSACHUSETTS.

Letters Patent No. 112,124, dated February 28, 1871.

IMPROVEMENT IN GUN-SIGHTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FREDERIC A. CHURCHILL, of Pittsfield, in the county of Berkshire and State of Massachusetts, have invented a new and useful Improvement in Sights for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a face view of my improved sight.

Figure 2 is a face view of the front sight or bead.

Figure 3 is a transverse section through the sight.

Figure 4 is a vertical section through the bead.

Similar letters of reference indicate corresponding parts.

This invention relates to a new construction of sights for fire-arms of all kinds, both in front and rear.

The front sight or bead A is made tubular, and has two or more pins, *a a*, projecting convergently from the inner surface of the tube toward but not quite to the center; thereby the center is not only properly indicated, but the object to be viewed is, by the pins, divided, and its position made clear to the eye, as well as the relative position of the point of aim, to the entire shape of the object.

The tube A is secured to a block, B, resting in a

lateral groove of the gun, and laterally adjustable thereon.

The rear sight C is made in form of a vertical slide, guided on a slotted post or plate, D, that projects from the barrel or stock.

The lower end of the slide C rests on a cam, E, which is secured to a pin hung in the post D, and provided with a milled wheel or handle, *b*.

By turning the cam E the slide will be raised or lowered at will and its aperture *c* set at the desired position.

The face of the wheel *b* may be divided or marked, so that the marksman may, from the marks, be enabled to know for which distance the sight has been set.

A suitable clamp, friction device, or pawl, may be used to hold the cam in any desired position.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

1. The bead or front sight A, composed of the tube and two or more convergent pins, substantially as herein shown and described.

2. The perforated sight C, made vertically adjustable by the cam E, as shown and described.

FREDERIC A. CHURCHILL.

Witnesses:

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