

(No Model.)

J. W. CARVER.
GUN SIGHT.

No. 453,828.

Patented June 9, 1891.

Fig. 2.

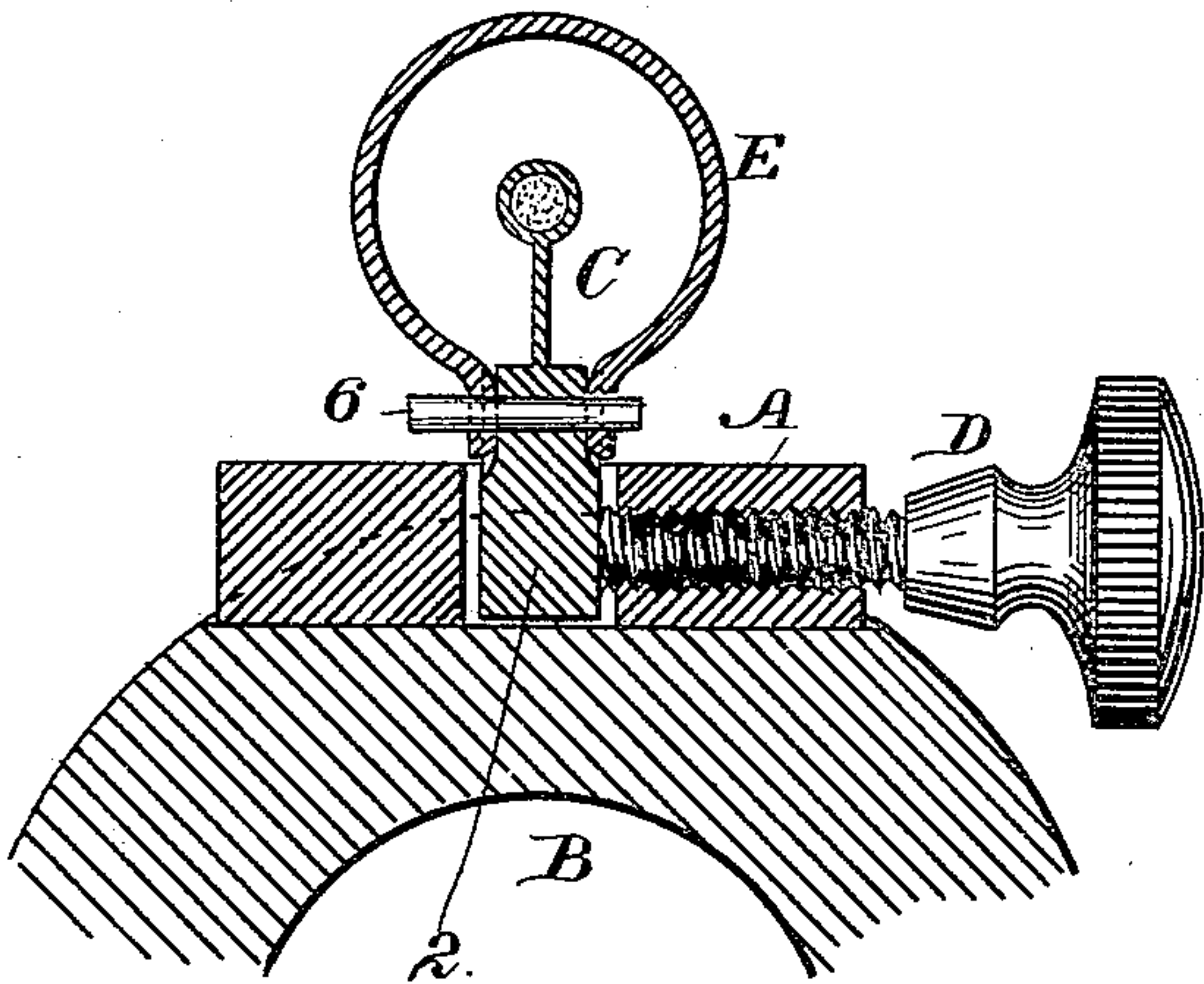


Fig. 3.

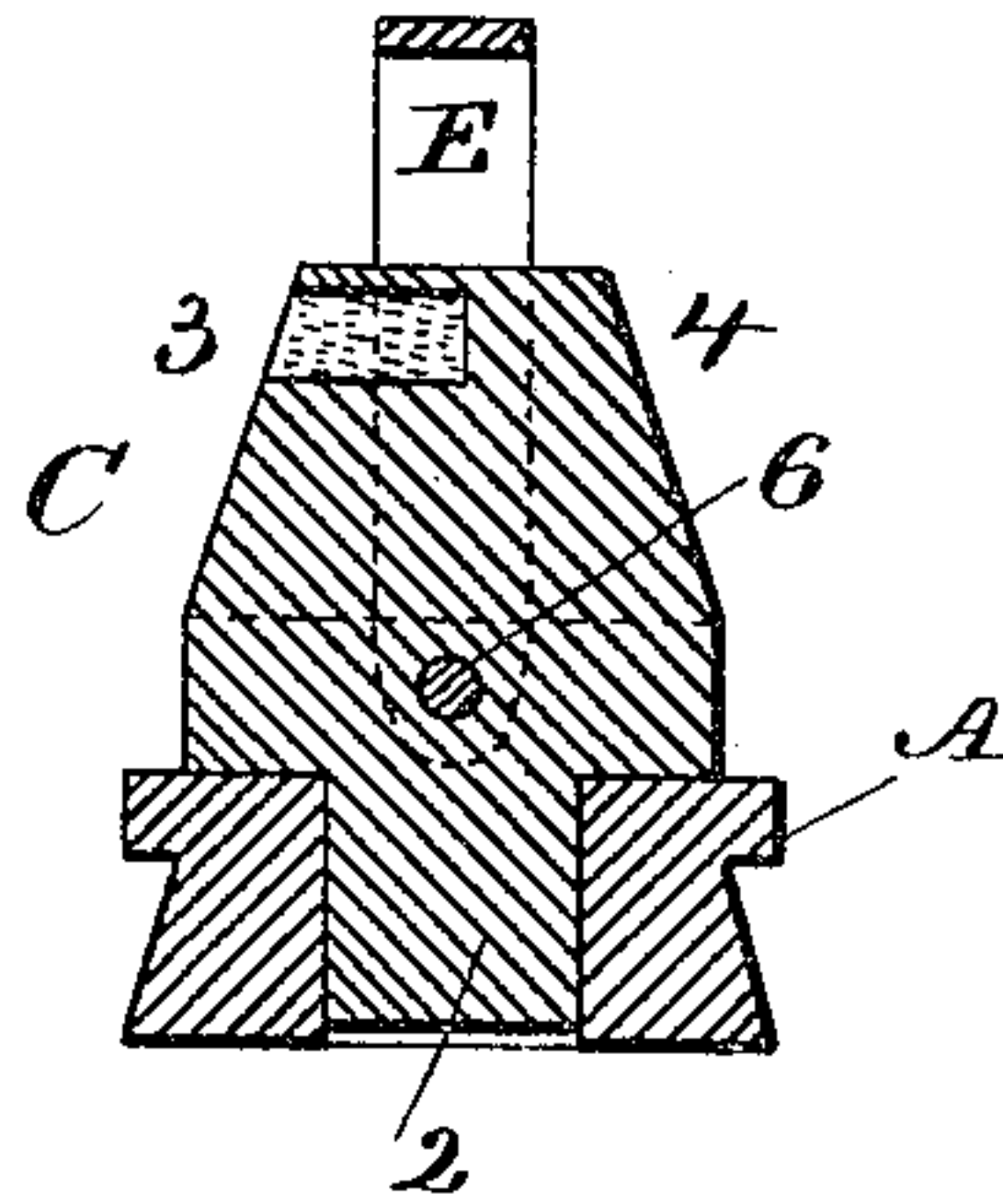


Fig. 4.

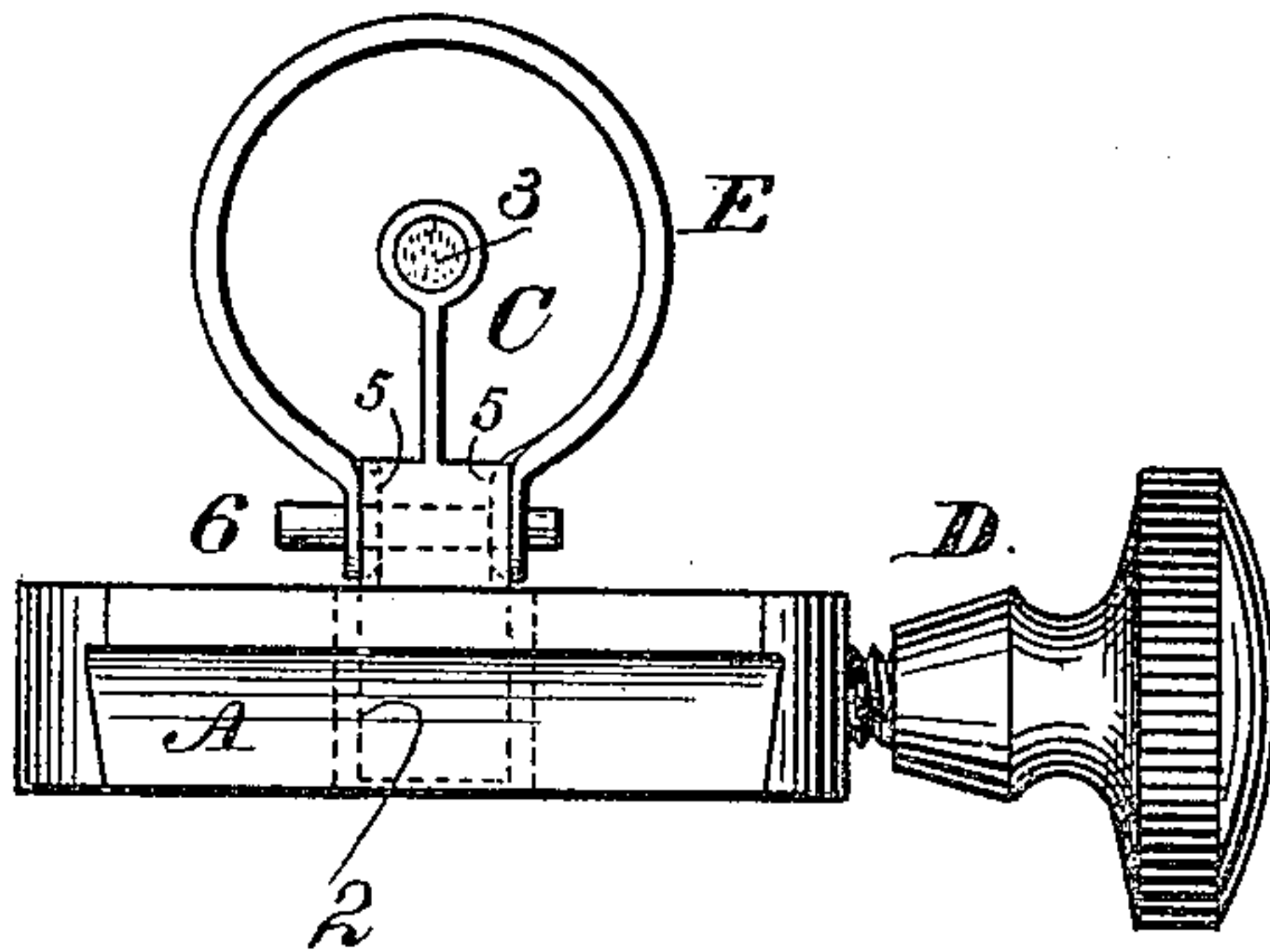
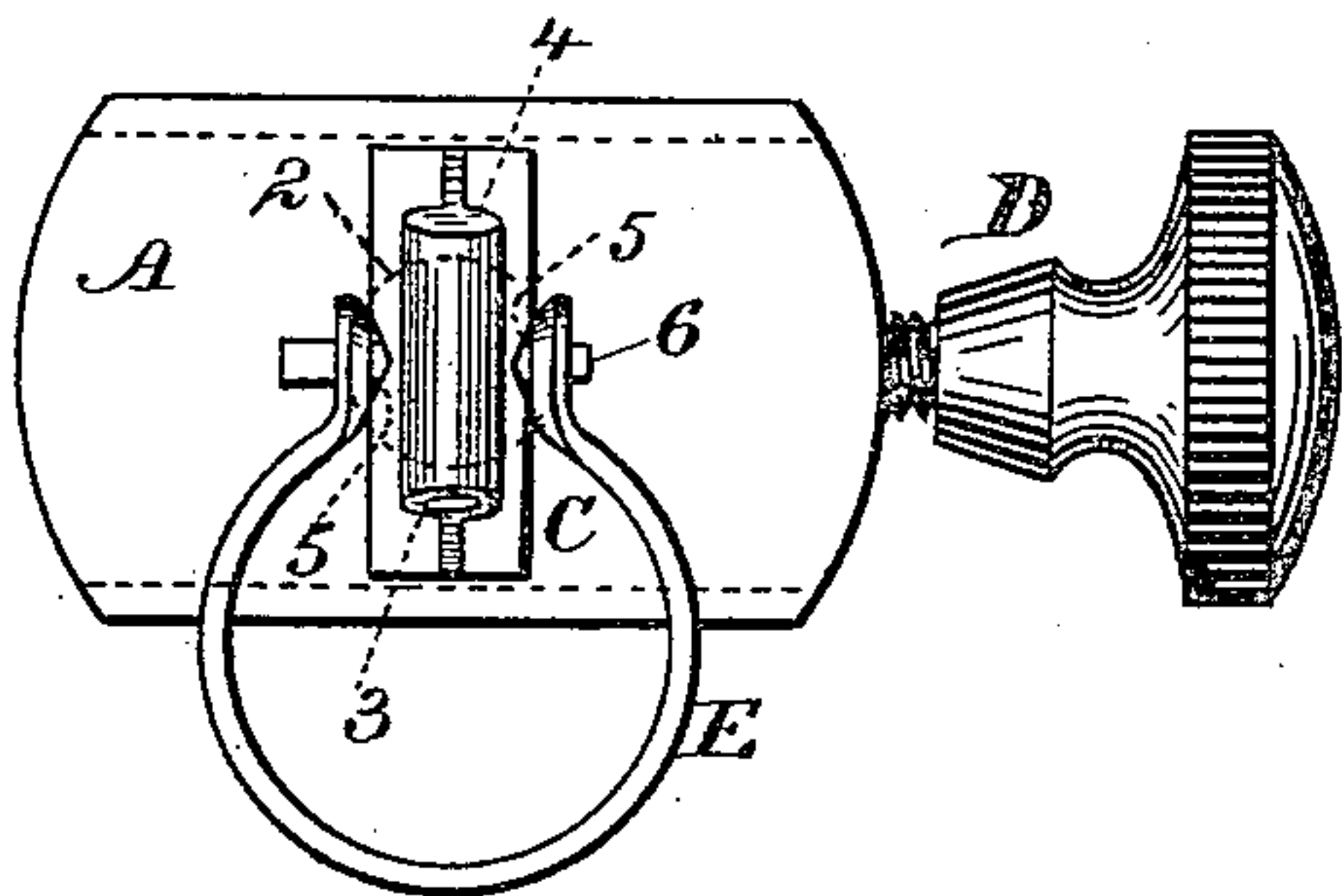


Fig. 1.



Witnesses

Chas. H. Smith
J. Traub

Inventor

James W. Carver.
per Lemuel W. Seirell

att

UNITED STATES PATENT OFFICE.

JAMES W. CARVER, OF PAWLET, VERMONT, ASSIGNOR TO HIMSELF, AND
GIBBONS L. KELTY, OF BROOKLYN, NEW YORK.

GUN-SIGHT.

SPECIFICATION forming part of Letters Patent No. 453,828, dated June 9, 1891.

Application filed July 17, 1890. Serial No. 359,070. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. CARVER, a citizen of the United States, residing in Pawlet, county of Rutland, and State of Vermont, have invented an Improvement in Gun-Sights, of which the following is a specification.

Sights for fire-arms have heretofore been usually attached to the barrel by a dovetailed base driven into a similar recess across the forward end of the barrel, and upon the base the sight itself has been supported, and a spring-bow has been provided that can be turned down or up, as required, and sights have been made that are capable of being reversed so as to present a white and a black bead for the marksman. In sights of this character difficulty has heretofore frequently arisen in consequence of the bead becoming displaced and the shank injured in transportation so that its accuracy of adjustment is lost.

My present improvements relate to a removable and reversible sight that can be taken out of the base when the gun is being packed or transported, so as to prevent risk of injury, and the sight can be changed so as to present either a white or black bead and the surrounding bow or shield can be turned up or down as desired by the marksman.

In the drawings, Figure 1 is a plan view with the bow turned down. Fig. 2 is a vertical section transversely of the barrel. Fig. 3 is a section at right angles to Fig. 2, and Fig. 4 is an elevation representing the white end of the bead.

The base A is of ordinary construction, with its edges dovetailed so as to be driven into the dovetailed recess across the barrel B, and in this base is a central opening for the stem 2 of the sight C. This sight is of any desired size and shape, and I have represented the bead as having a white or light end 3 and a dark or black end 4, and there is in the base A a clamping device, preferably in the form of a screw D, which may have a milled head, as represented, or a slotted end or a head with a hole in it, so that the screw may be turned with sufficient force to clamp the stem 2 of the sight, and it is preferable to flatten the opposite sides of the stem 2 so that the screw D, pressing against the flat surfaces, will insure the proper axial

position of the sight to the barrel, and by loosening this screw D the sight can be removed without disturbing the base A, and such sight can also be reversed with either the light end 3 or the dark end 4 toward the marksman, as may be most convenient in aiming the piece, and in order to protect the bead, and also to form a guide to the eye, the bow E is made use of, the same being formed as a spring with V-shaped faces adapted to pass into grooves 5 in the edges of the bottom part of the sight C, and this bow E is connected with the bottom of the sight by a pivot-pin 6, so that such bow can be turned up or down, and when turned up in position for use, the V-shaped projections upon the adjacent faces entering the grooves 5 hold such bow sufficiently firm for ordinary purposes of use.

By this improvement the sight can be changed to adapt it to the convenience of the markman, or it can be disconnected from the base for the purpose of transportation or packing, and, if desired, the screw D may also be unscrewed so that there will not be any projection at the base A, thereby allowing of the gun-barrel being inserted into a tight-fitting case.

I claim as my invention—

1. The combination, with the sight C, having a stem 2, of the base A, having a hole for the reception of such stem, the clamping-screw D, acting against the stem for securing the sight in position, such sight having light and dark ends, and the sides of the stem being flattened to bring the sight into proper position when either the light or the dark end of the sight is toward the marksman, substantially as set forth.

2. The combination, with the base A, of a sight C, having a stem 2, passing into perforations in the base, the clamping-screw D for holding the stem of the sight, the bow E, formed as a spring and having V-shaped projections upon its opposite faces, and the pivot-pin 6, passing through the ends of the spring and upon which the bow can be turned into position, substantially as set forth.

Signed by me this 9th day of July, 1890.

JAMES W. CARVER.

Witnesses:

F. W. CARVER,
J. SOULLARD.