

(No Model.)

J. B. TAYLOR.
SIGHT FOR FIREARMS.

No. 561,360.

Patented June 2, 1896.

Fig. 1.

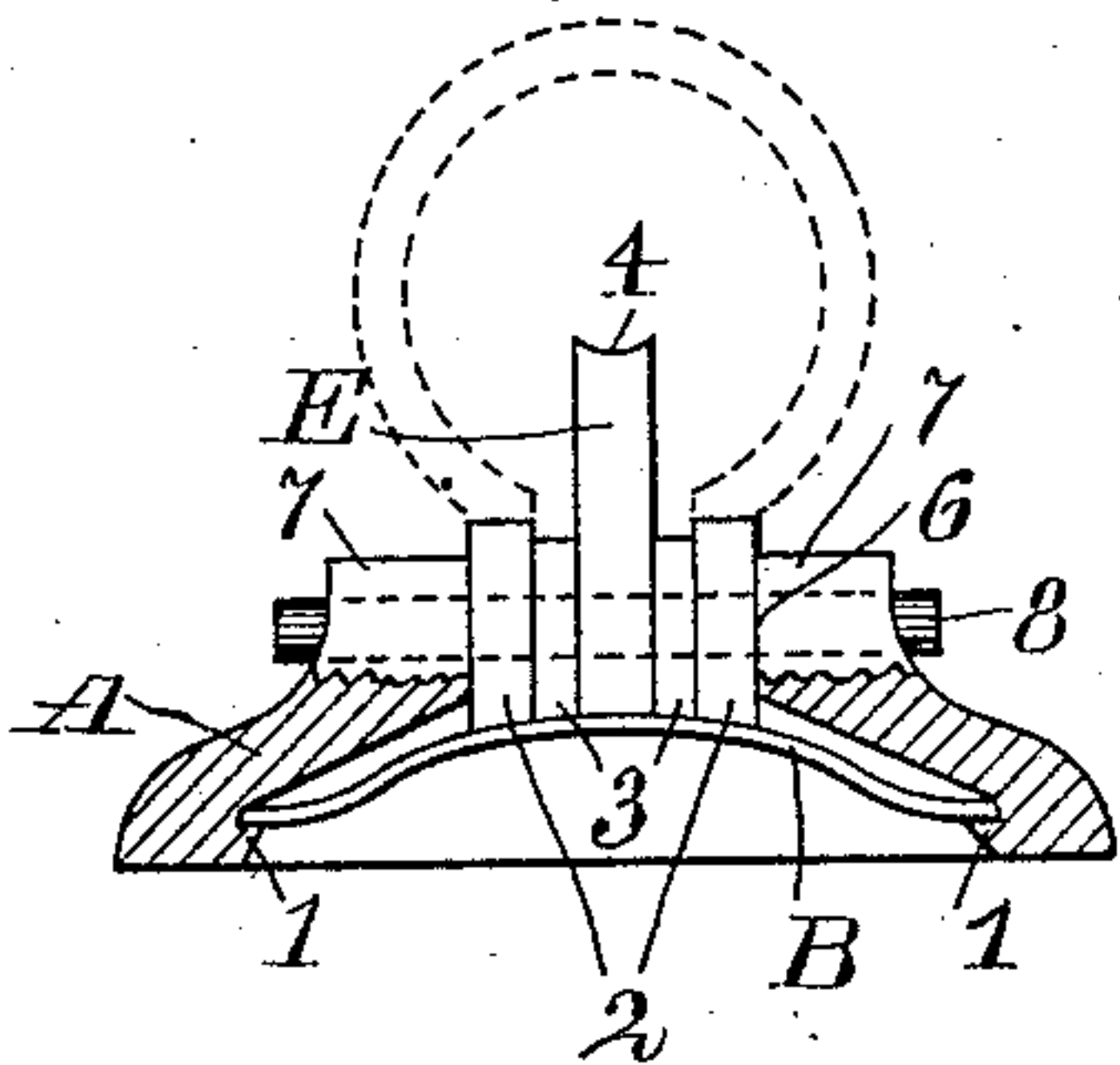


Fig. 2.

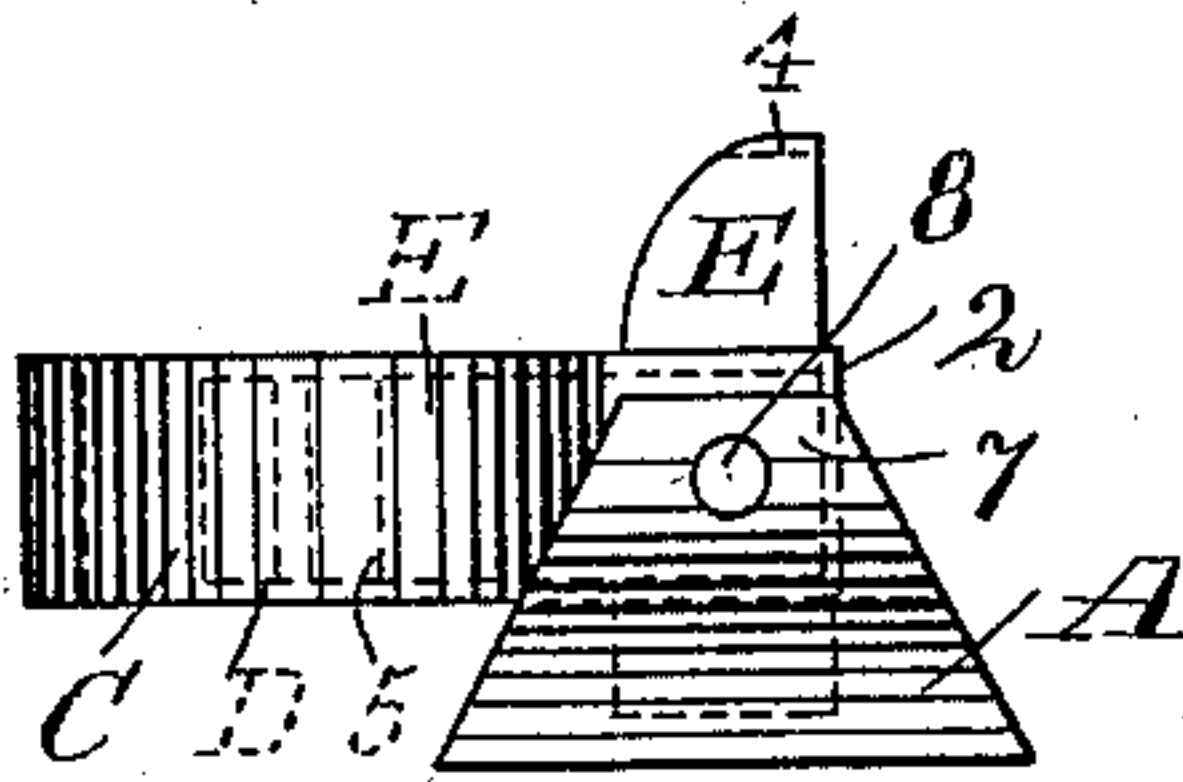


Fig. 3.

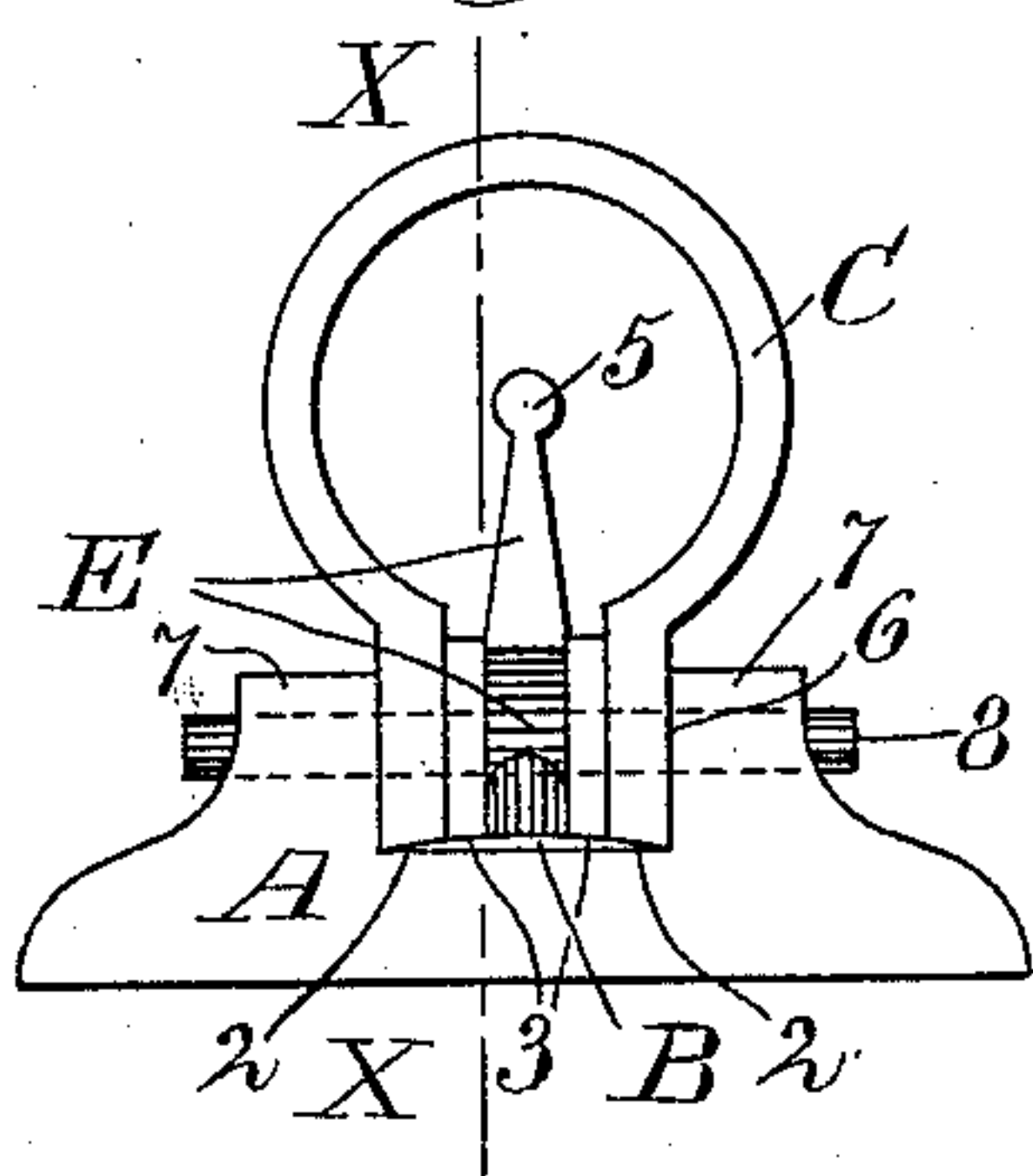


Fig. 4.

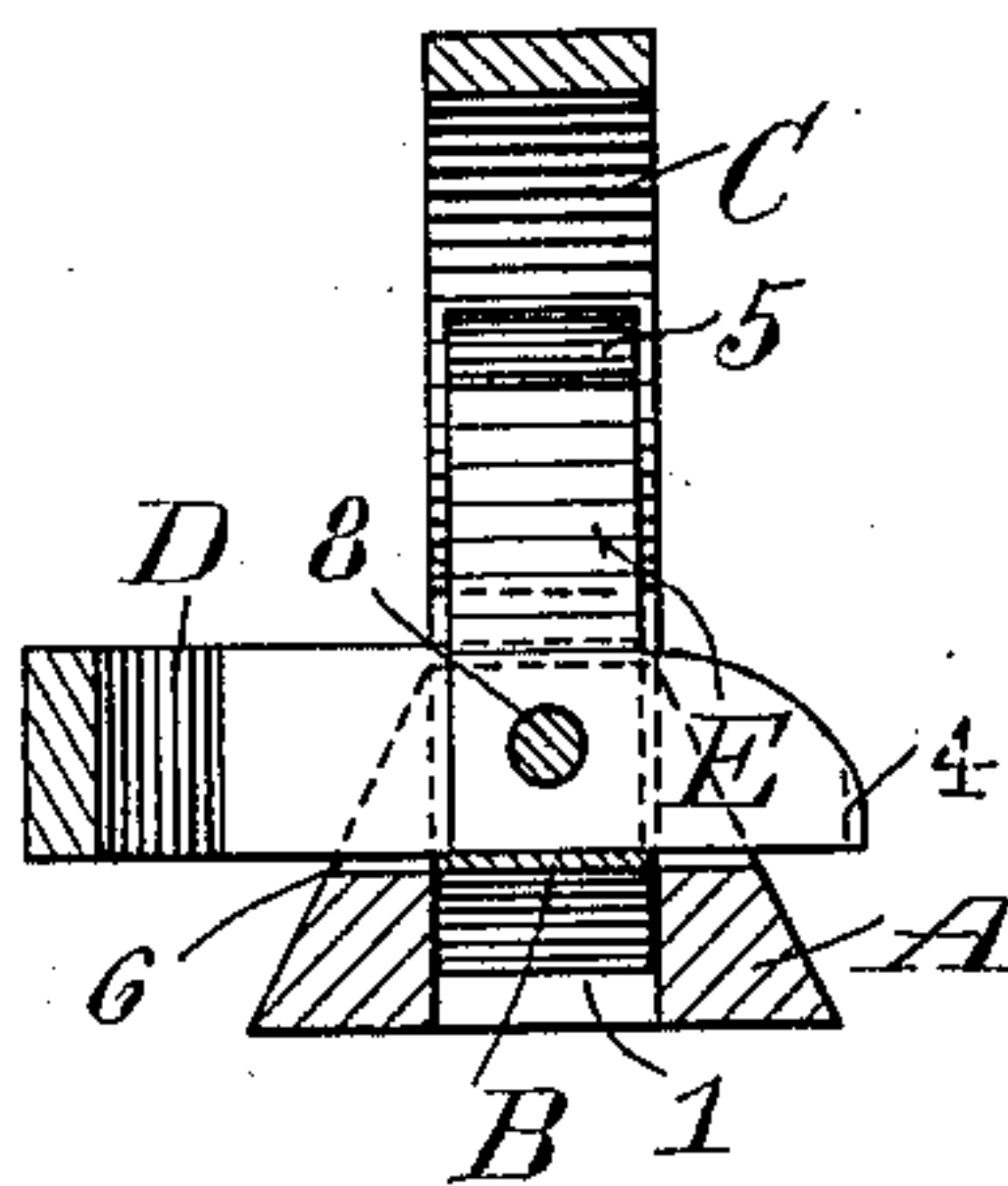


Fig. 5.

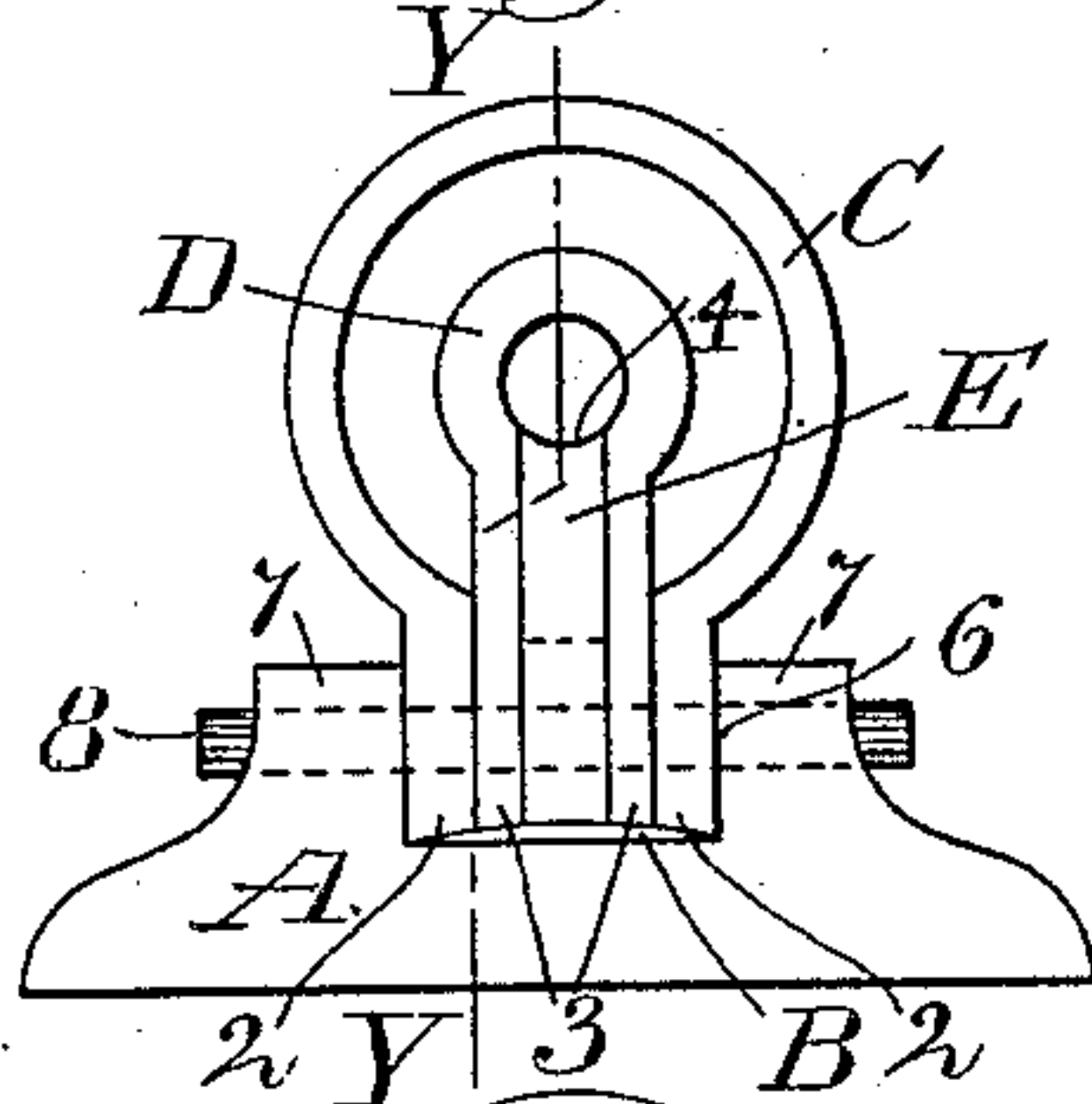


Fig. 6.

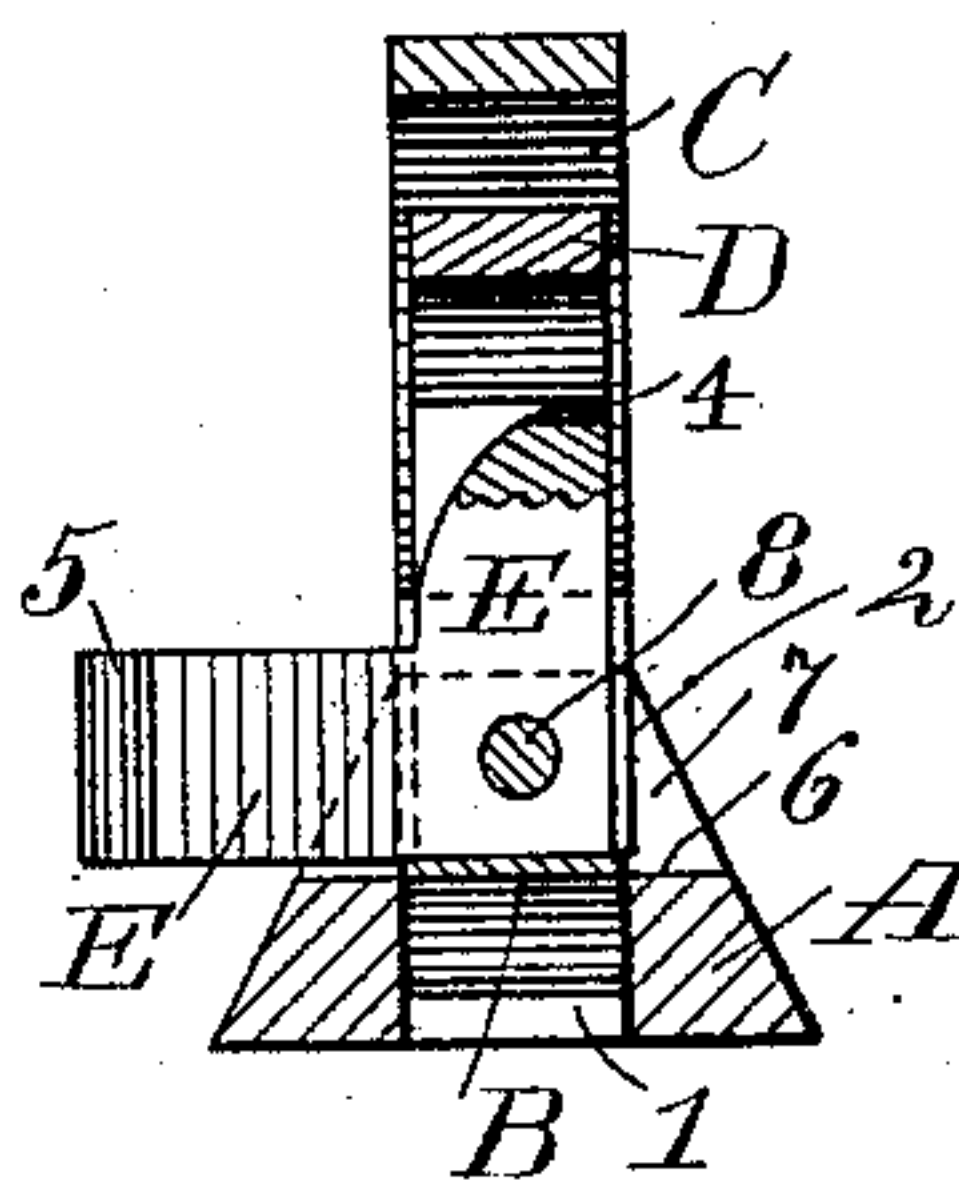


Fig. 7.

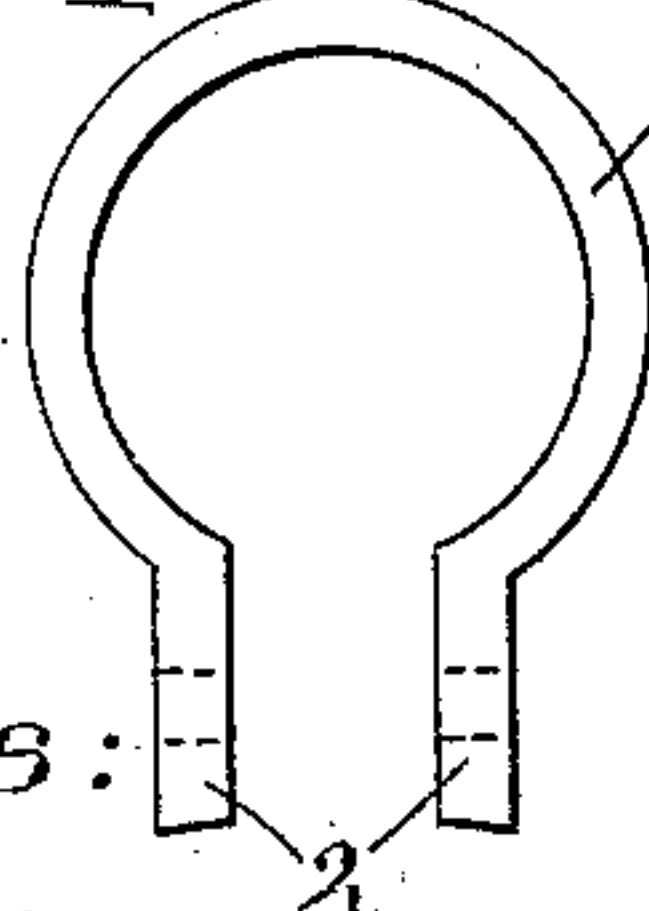


Fig. 8.

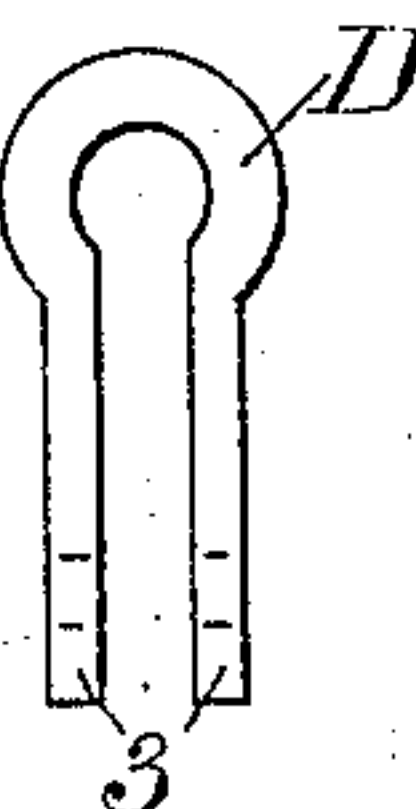


Fig. 9.



Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH B. TAYLOR, OF GREENBUSH, NEW YORK.

SIGHT FOR FIREARMS.

SPECIFICATION forming part of Letters Patent No. 561,360, dated June 2, 1896.

Application filed March 10, 1896. Serial No. 582,579. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH B. TAYLOR, of Greenbush, in the county of Rensselaer and State of New York, have invented new and
5 useful Improvements in Sights for Firearms, of which the following is a specification.

My invention relates to improvements in convertible sights for firearms; and the object of my invention is to embody in one device three different kinds of sights that are suited to different objects when fired at from different distances, the conversion of one kind of sight to another kind being effectible instantly.

15 In the accompanying drawings, herein referred to and forming part of this specification, Figure 1 is a front elevation of my invention, part of the base-piece being shown in section, as when used as an ordinary open sight; Fig. 2, a side elevation of the same; Fig. 3, a front elevation of my invention arranged for a pin-head sight within the large outer ring; Fig. 4, a vertical section of Fig. 3 at the line X X; Fig. 5, a front elevation of
20 my invention arranged as an aperture-sight; Fig. 6, a vertical section of Fig. 5 at the line Y Y, and Figs. 7, 8, and 9 are detached details of my construction.

As represented in the drawings, A designates the base-piece for my sight, the lower portion of which is made to form one part of a dovetail fitted to engage in a corresponding groove on the upper side of the gun-barrel on which it is used. The lowerside of said base-
30 piece is made hollow to contain a leaf-spring B, that is held by lugs 1 in said base-piece.

C is an outer ring or segment provided with lugs or ears 2, whose lower ends are squared to bear upon the spring B, so that the pressure of said spring will retain said outer ring in either an erect position, as shown in Fig. 3, or turned down, as shown in Fig. 2.

D is an inner ring or segment provided with ears 3, which are fitted to pass easily between the lugs 2 of the outer ring C. The ends of the ears 3 are squared to bear upon the spring B for the same purpose that the ends of the lugs 2 are.

E is a bent arm that is fitted to pass easily

between the ears 3. The angle of the bent arm 50 is preferably a right angle, so that the different limbs of said arm will have a fair bearing upon the spring B whatsoever position said bent arm may be turned into, so that either of the limbs of said arm may be re- 55 tained in an erect position by said spring according to the position into which the bent arm is turned, one limb of the bent arm E having on its extremity a concave groove 4, which forms a complement to the bore of the 60 inner ring D, so that when the arm E and inner ring D are turned up, as shown in Fig. 5, they will combine to form an aperture-sight; but when the limb of said bent arm having the groove 4 is alone turned into an erect po- 65 sition, as shown in Fig. 1, an open sight will thereby be formed. The other limb of the bent arm E has a bead-head 5, which will form a pin-head sight, as shown in Fig. 3. In the upper side of the base-piece A a recess 6 is 70 formed and produces lugs 7 at each end of said recess. The latter has sufficient length to freely admit the ears 2 and 3 and the bent arm E therein when said parts are arranged as shown in Figs. 1, 3, and 5. A pivot-pin 8 75 is fitted to pass through the lugs 7, ears 2 and 3, and bent arm E, as shown in the drawings. Said pivot-pin forms a center that is common to the parts C, D, and E, on which said parts, or either of them, will turn when occasion re- 80 quires.

My convertible sight can be adjusted into either of the positions shown in the drawings, which show the device on an exaggerated scale, without removing it from a gun-bar- 85 rel.

What I claim as my invention, and desire to secure by Letters Patent, is—

The convertible sight for firearms herein described, consisting of a base-piece, an outer 90 ring, an inner ring, and a bent arm, E, all hinged to said base-piece and arranged to successively form an open sight, a pin-head sight, and an aperture-sight, as herein specified.

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Witnesses:

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