No. 837,223. PATENTED NOV. 27, 1906.

R. W. HENNESSY.

GUN SIGHT.

APPLICATION FILED JULY 21. 1906.

Fig. 1

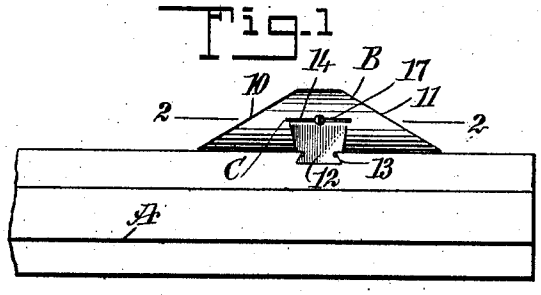


Fig. 2

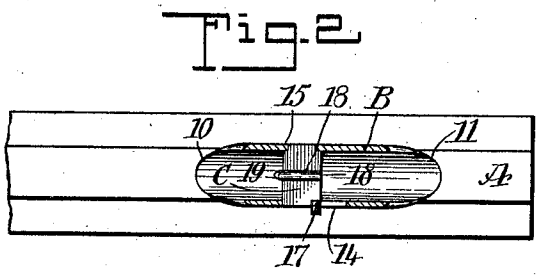


Fig. 3

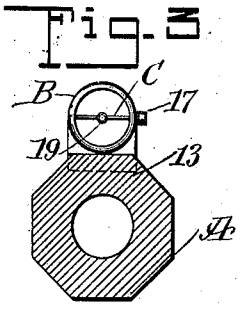
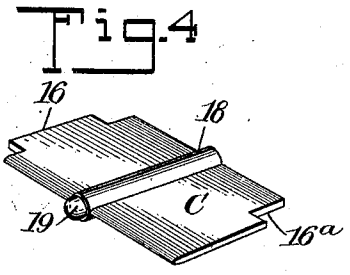


Fig. 4



WITNESSES

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GUN-SIGHT.

No. 837,223. Specification of Letters Patent. Patented Nov. 27, 1906.

Application filed July 21, 1906. Serial No. 327,172.

To all whom it may concern:

Be it known that I, RICHARD WILLIAM HENNESSY, a citizen of the United States, and a resident of Burntranch, in the county of Trinity and State of California, have invented a new and Improved Gun-Sight, of which the following is a full, clear, and exact description.

My invention relates to a front sight for rifles adapted to be used with any character of peep-sight.

The purpose of the invention is to provide a construction of front sight which will afford the person aiming a clear, concentrated, and practically-unobstructed view of the object at which the gun is aimed and which will enable the marksman to see clearly both above and below and along the bead.

A further purpose of the invention is to provide a front sight that is as well adapted to hunting as to target rifles, since the bead is so protected that there is little danger of its being broken.

Another purpose of the invention is to provide for a ready removal of the screen or supporting plate for the bead from the barrel of the sight and its ready replacement, thereby enabling different sizes and colors of beads to be employed.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of a portion of a rifle-barrel and the improved sight applied. Fig. 2 is a plan view of the rifle-barrel shown in Fig. 1 and a horizontal section through the sight, the section being taken on the line 2 2 of Fig. 1. Fig. 3 is a transverse section through the barrel and an end view of the applied sight; and Fig. 4 is an enlarged detail perspective view of the screen or supporting plate for the bead, which screen or supporting-plate is adapted for removable connection with the barrel of the sight.

A represents a rifle-barrel upon which the improved sight is attached at its forward portion. The sight consists of a cylindrical or barrel body B, the ends 10 and 11 of which are tapered or inclined upward in direction of the center, so as to admit a maximum of light and at the same time protect the bead to be hereinafter described. The said barrel-body by reason of its formation renders an uninterrupted view possible along the gun-barrel. The barrel or cylindrical body B is provided with a transverse dovetail rib 12, which enters the customary dovetail groove 13 in the gun-barrel, thereby removably connecting said gun-sight with the barrel.

A longitudinal slot 14 is horizontally and centrally produced in one side of the barrel-body of the sight, as is clearly shown in Figs. 1 and 2, and in the opposite side of the said body B a shorter slot 15 is made, the two slots 14 and 15, however, being in transverse alinement.

In connection with the barrel-body B of the sight a plate or screen C is employed, and said plate or screen is made as thin as possible and is provided at one end with a tongue 16, which enters the shorter slot 15 in the body B, as shown in Fig. 2. The opposite end of the said screen or plate is provided at one longitudinal edge with a recess 16^a. When the recessed end of the screen or plate C has been placed in the longer slot 14 in the body B of the sight, it is held in position by means of a screw 17, as is clearly shown in Figs. 1, 2, and 3. The screen or plate C is provided with a central transverse tubular section 18, which when the screen or plate is in position in the body of the sight extends longitudinally of the gun-barrel and occupies a central longitudinal position within the barrel-body B of the sight, as shown in Figs. 1, 2, and 3, and in said tubular receptacle 18 the bead 19 is located. This bead may be of any size, and it may be of any color, and by changing the plates or screens C different sizes of beads 19 may be employed.

It will be observed that the improved sight is very strong in general construction, and in its use an unobstructed view of the bead is obtained, and that the screen or supporting-plate C for the bead can be made so thin that in the use of the sight said plate or screen is practically invisible, and any desired size or character of bead is adaptable to the sight.

The tubular form of the body of the sight and its inclined ends enable the gun to be carried in a holster or to be forced through any

character of brush without injury to the sight, and the head being suspended in the center of a circle permits the rifleman to instantly cover the center of any object aimed at without apparent effort on his part, whether the object be in the shape of a triangle or a square or of other form. In fact, the improved sight provides for a clear unobstructed view of the object aimed at.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A gun-sight, consisting of a barrel-body having its ends inclined upward in direction of its center, a screen or plate removably located in said barrel-body between its top and bottom, and a receptacle for a bead carried by the said screen or plate.

2. In a gun-sight, a barrel-body, a removable plate or screen secured in the said body between its top and bottom, a receptacle supported by said screen or plate, arranged to extend longitudinally of the body, and a bead located within the said receptacle.

3. In a gun-sight, a tubular body having its ends inclined upward in direction of its center, a plate or screen horizontally located within the said body at its central portion and about midway between the top and bottom, means for removably securing the said screen or plate in position in said body, a tubular receptacle forming a portion of the screen or plate, extending longitudinally of the body, and a bead located within the said receptacle.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

RICHARD WILLIAM HENNESSY.

Witnesses:

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H. B. WATERMAN.