Aug. 13, 1935. W. C. REDFIELD 2,010,893

GUN SIGHT

Filed Oct. 15, 1934

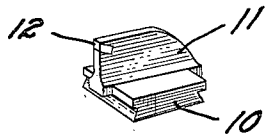


Fig. 1

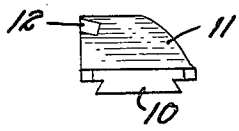


Fig. 2

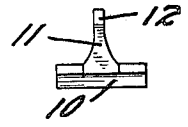


Fig. 3

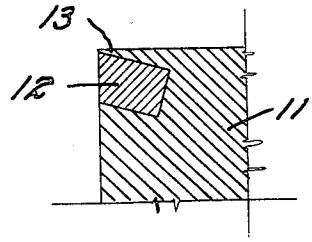


Fig. 4

INVENTOR.

WATROUS C. REDFIELD

BY

ATTORNEY.

Patented Aug. 13, 1935

2,010,893

UNITED STATES PATENT OFFICE

2,010,893

GUN SIGHT

Watrous C. Redfield, Denver, Colo.

Application October 15, 1934, Serial No. 748,338

3 Claims. (Cl. 33—52)

This invention relates to an improvement in gun sights. Sights have been made with beads of various colors, such as ivory, white, gold, etc., but it is exceedingly difficult, however, to maintain these beads in place and protect them from striking against external objects.

The principal object of this invention is to provide a construction for attaching the bead to the sight blade so that it can not become loosened therefrom in use; so that it will be protected from damaging external contacts; and so that it can be cheaply and easily manufactured.

Another object of the invention is to provide a bead sight in which the bead will be easily visible yet will not reflect extraneous light into the gunner's eyes.

Other objects and advantages reside in the detail construction of the invention, which is designed for simplicity, economy, and efficiency. These will become more apparent from the following description.

In the following detailed description of the invention reference is had to the accompanying drawing which forms a part hereof. Like numerals refer to like parts in all views of the drawing and throughout the description.

In the drawing:—

Fig. 1 illustrates the invention applied to a typical front rifle sight.

Fig. 2 is a side elevation thereof.

Fig. 3 is a rear elevation thereof.

Fig. 4 is a magnified detail section through the bead portion of the sight.

The invention is adaptable to any type of sight. For the purpose of illustration, a typical blade fore sight is illustrated. Such a sight comprises a dovetailed base 10 for insertion in the dovetailed sight groove of a rifle. A blade 11 projects upwardly from the base 10 to form the sighting member.

In applying the invention to the blade 11, an angular saw cut is made in the rear edge of the blade immediately below the upper corner thereof. A bead 12 of a metal or other material contrasting in color with the metal of the blade 11 is impressed into the saw cut. The rearward edge of the bead is then finished off flush with the rearward edge of the blade 11, and the sides of the bead are finished flush with the sides of the blade.

This construction leaves a narrow wedge-shaped portion 13 of the blade metal extending rearwardly over the bead 12. The portion 13 terminates in a thin, invisible edge at the rear of the bead 12. This thin edge is not visible to the gunner and does not interfere with the full sight of the bead 12, yet it serves to firmly hold the bead in place, and also covers and protects it from external contacts which might automatically wear it away or dislodge it from position.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims, without departing from the spirit of the invention.

Having thus described the invention, what is claimed and desired secured by Letters Patent is:—

1. In a gun sight of the type having an upstanding sighting blade; a bead of contrasting color set in the rear edge of said blade at a downwardly inclined angle relatively to the line of sight, said bead being positioned adjacent the top of said blade; and a narrow wedge-shaped portion of blade metal extending rearwardly over said bead and terminating in a relatively sharp edge above said bead.

2. In a gun sight: an upstanding sighting blade provided with a notch inclined forwardly and downwardly with respect to the line of sight in its rear edge; leaving a wedge-shaped portion on said blade extending to a relatively sharp edge above said notch; and a bead of contrasting color inset in said notch, the surfaces of said bead being finished flush with the surfaces of said blade.

3. A gun sight comprising: a sighting member; an insert of metal of contrasting color set into the rear edge of said sight and inclined forwardly and downwardly with respect to the line of sight, the upper rear edge of said sight terminating at the upper rear edge of said insert.

WATROUS C. REDFIELD.