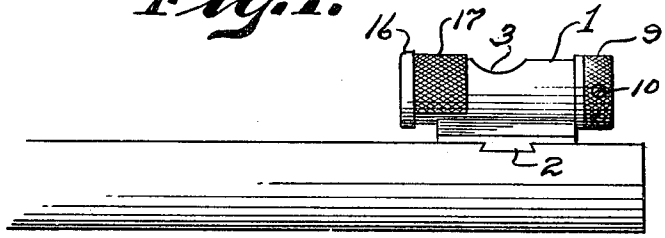
Dec. 27, 1927. 1,653,924

W. R. PARKER

FIREARM SIGHT

Filed Jan. 12, 1927

Fig. 1.



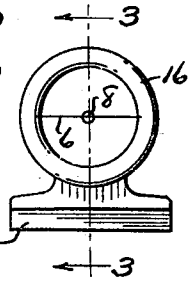


Fig. 3.

Fig. 2.

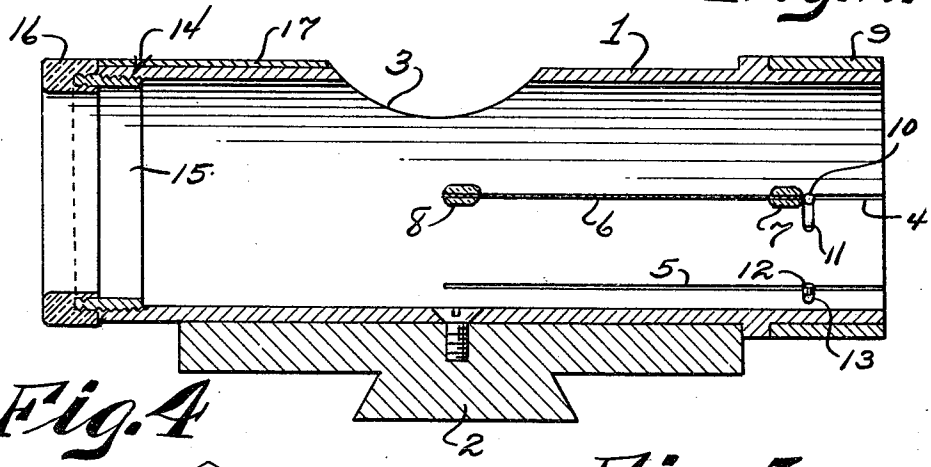


Fig. 4

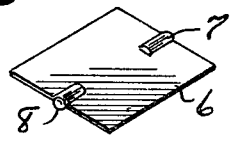


Fig. 5.

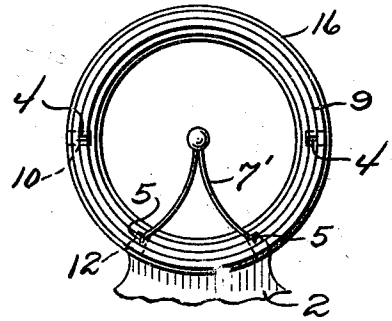
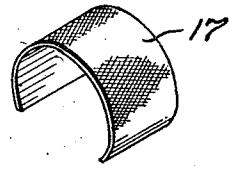


Fig. 7



Fig. 6.



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Patented Dec. 27, 1927. 1,653,924

UNITED STATES PATENT OFFICE.

WILLIAM RAYMOND PARKER, OF BUTTE FALLS, OREGON.

FIREARM SIGHT.

Application filed January 12, 1927. Serial No. 160,675.

This invention relates to sights for firearms, and one of its objects is to provide a sight for guns and the like whereby the bead of the sight is adequately protected from the confusing glare of lights, as will be properly illuminated to enable a clear and unobstructed vision and thereby provide accurate shooting.

Another object of the invention is to provide a sight for firearms that includes interchangeable beads, with means for detachably securing the beads in proper position and in a manner whereby they can be expeditiously removed.

A still further object of the invention is to provide a sight for firearms which is durable, efficient in use, and one that is simple and easy to manufacture and can be placed on the market at a reasonable cost.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a side elevation of the sight forming the subject matter of the present invention attached to a barrel of a firearm.

Figure 2 is a rear view of the sight per se.

Figure 3 is a longitudinal sectional view on line 3—3 of Figure 2.

Figure 4 is a perspective view of one of the bead carrying members.

Figure 5 is a front elevation of the sight showing a modified form of bead carrying member.

Figure 6 is a perspective view of the closure strip to be used on my novel sight.

Figure 7 is a detail view showing a side elevation of one of the lugs.

Referring to the drawings in detail the numeral 1 indicates the body of the sight which forms the subject matter of the present invention and as shown the body is cylindrical shape and in the nature of a barrel having secured to its lower portions as shown, a base 2 provided with tapered reduced walls so as to be accommodated in a groove formed in the barrel of firearms for securing the sight thereto.

The body 1 of the sight is formed with an opening 3 in its top and above the base thereof so that the interior of the body will be properly illuminated, and longitudinally formed in the inner wall and arranged in pairs are grooves 4 and 5. The grooves 4 are arranged diametrically opposite each other and extend from the front edge of the body and terminate slightly beyond the center thereof and in alignment with the end of the grooves 5 which are formed adjacent the bottom of the body as clearly shown in Figure 5 of the drawings.

The bead carrying member 6 is adapted to be received in the grooves 4 and bridge the central portion of the body as shown in Figure 3. This bead carrying member 6 is formed from a flat plate which has arranged in its front and rear portions centrally of the edges thereof, beads 7 and 8 of different color. From the foregoing it will be apparent that the bead carrying member 6 can be associated in the grooves 4 so that either of the beads 7 and 8 is arranged below the opening 3 and in the path of the light emitted thereby.

A modified form of bead carrying member is shown in Figure 5 and includes converging curved spring arms 7′ with different type beads carried by the opposite ends of the upper ends thereof. The spring arms are so formed so as to be received in the grooves 5 as shown in Figure 5 and so that one of the beads thereof will be positioned below the opening 3 in the body.

Formed with the body adjacent the front end thereof is an annular rib providing a shoulder and a ring 9 is mounted for rotation on the body between the shoulder and the front end thereof as best shown in Figure 3 of the drawings.

Threadedly secured in the ring diametrically opposite each other are the heads of lugs 10 rceeived in the slots 11 which follow the curvature of the body as shown in Figure 3, and these lugs are adapted to be po-

sitioned in the path of the bead carrying member 6 when the latter is disposed in operative position so as to prevent the removal therefrom as will be apparent. The ring has also formed thereon lugs 12 of the same construction as the lugs 10 and these lugs 12 are arranged in slots 13 in the body and which are adapted to be aligned with the grooves 5 to hold the arms 7 therein.

The rear end of body 1 is interiorly threaded as at 14 to accommodate the threaded flange 15 of a collar 16 which may be of some white composition such as ivory or aluminum or other light colored substance as its purpose is to provide a means whereby the sight may be readily observed in poor light or for quick shooting.

In the event that the opening 3 provides excessive light to the beads, I have provided a substantially semi-circular resilient closure 17 slidably mounted on the body for movement between the collars 16 and the shoulder, and this closure 17, is adapted for entirely or partially closing the opening 3, as will be readily apparent.

From the above description and disclosure in the drawings, it will be obvious that I have provided a sight which includes interchangeable beads and bead carrying members so that most any desired type of bead may be used to suit the existing conditions, and regardless of the type of bead used, the latter will be adequately and properly illuminated through the medium of light passing through the opening 3 as the bead in use is disposed directly below the opening in the manner as shown in Figure 3. The construction and the arrangement of the bead carrying members with respect to the body 1 makes it possible to have a full and unobstructed view of the game or target.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A firearm sight of the character described comprising a body of hollow cylindrical formation, means for securing said body to the barrel of a firearm, said body being formed with longitudinally extending grooves arranged in pairs and in a manner whereby the grooves of one pair are diametrically disposed with respect to each other and the grooves of the other pair are disposed in opposed relation adjacent the bottom of the body, bead carrying members adapted to be detachably arranged in and between the pairs of grooves, beads former on each end of said bead carrying members, and means on said body to prevent the casual removal of said bead carrying members from their grooves.

2. A firearm sight of the character described comprising a body of hollow cylindrical formation, a base formed on said body for securing the latter to a firearm, said body being grooved longitudinally in a manner whereby the grooves are arranged in pairs with the groove of one pair disposed diametrically opposite each other while the grooves of the other pair are disposed in opposed relation adjacent the bottom of the body, bead carrying members adapted to be detachably arranged in the respective pairs of grooves, a ring mounted for rotary movement on said body adjacent one end thereof, lugs threadedly secured to said ring and passing through slots formed in the body for engaging the bead carrying members to prevent casual removal thereof from their grooves, beads formed on the ends of the bead carrying members, said body being provided with an opening to overlie the bead arranged in operative position within the body and a closure for said opening.

3. A sight for firearms comprising a hollow cylindrical body provided with longitudinal grooves arranged upon the inner surface of said body on diametrically opposite sides and extending from one end thereof, a flat plate adapted to be detachably mounted in the grooves, a ring arranged exteriorly on the body adjacent the grooved end thereof for rotary movement, lugs passing through said ring and received in slots formed in the body to be arranged in the path of the flat plate, beads secured to said flat plate centrally of each end thereof and being of different type, said body being provided with an opening in its top to overlie the bead in use for admitting rays to illuminate the latter.

4. A sight for firearms comprising a hollow cylindrical body provided with longitudinally extending grooves arranged in spaced relation adjacent the bottom of said body and on the interior surface thereof, a ring mounted for rotation and arranged on said body adjacent one end, lugs on said ring and passing through slots formed in said body, a bead carrying member having resilient arms adapted to be received in the grooves for movement longitudinally therein and said ring being mounted for rotation in its groove for arranging said lugs in the path of the bead carrying member to prevent the removal thereof, and said body being provided with an opening in its upper surface to admit light to the interior surface of said body, and beads arranged on said bead carrying member in a manner whereby one of said beads is adapted to underlie the opening.

5. A firearm sight of the character described comprising a hollow cylindrical body,

means formed on the lower surface of said body whereby the latter can be secured to a gun, bead carrying members detachably associated with the inner surface of said body which is provided with an opening in its upper surface, beads formed with said bead carrying members in a manner whereby one of said beads will underlie the opening, and a collar formed from light colored substance secured to the front end of said body as and for the purpose specified.

In testimony whereof I affix my signature.

WILLIAM RAYMOND PARKER.