33-261. OR 1,226,952 SR

T. C. DYER.

GUN SIGHT.

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1,226,952.

Patented May 22, 1917.

Fig. 1.

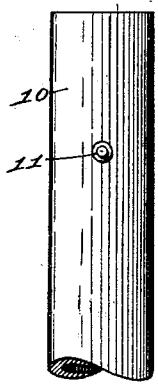


Fig. 4.

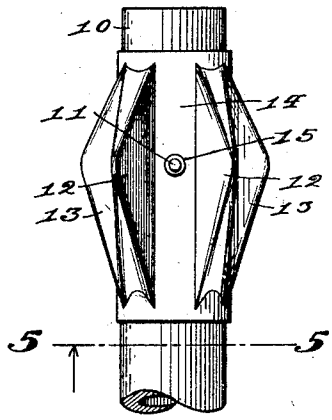


Fig. 6.

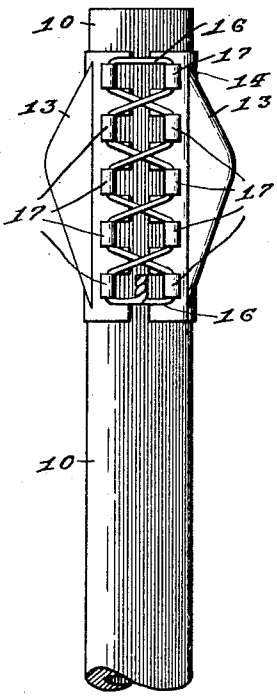


Fig. 2.

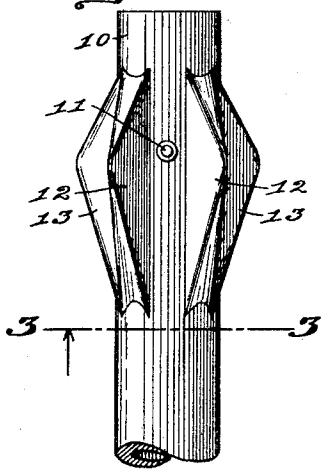
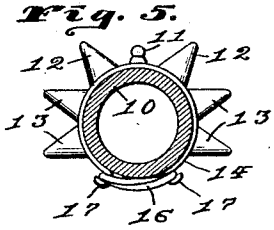


Fig. 5.



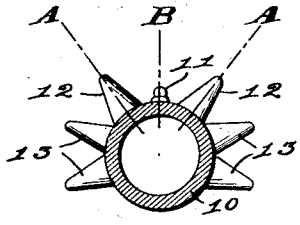


Fig. 3.

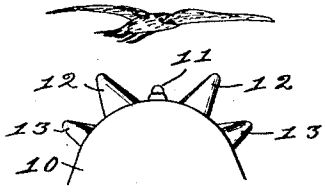


Fig. 7.

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UNITED STATES PATENT OFFICE.

THOMAS C. DYER, OF BLANCHARD, OKLAHOMA.

GUN-SIGHT.

1,226,952. Specification of Letters Patent. Patented May 22, 1917.

Application filed August 20, 1915. Serial No. 46,436.

To all whom it may concern:

Be it known that I, THOMAS C. DYER, a citizen of the United States, residing at Blanchard, in the county of McLain and State of Oklahoma, have invented certain new and useful Improvements in Gun-Sights, of which the following is a specification, reference being had to the accompanying drawings.

An object of the invention is to obtain quicker and more accurate aim in shooting at flying objects.

Other objects and advantages of the invention will be set forth in the ensuing description.

The accompanying drawings show one embodiment of the invention in practical form.

Figure 1 is a plan view of the front end of the barrel of a gun.

Fig. 2 is a similar view of the barrel with a simplified form of the invention applied thereto.

Fig. 3 is a sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a plan view showing a more developed form of the invention.

Fig. 5 is a sectional view taken on the line 5—5 of Fig. 4.

Fig. 6 is an inverted plan view of the parts shown in Fig. 4.

Fig. 7 is a view looking forward along the line of sight of the barrel as the gun is being raised to position for a shot at a flying object.

Referring to the several figures, in all of which like characters of reference designate like parts, the numeral 10 designates the barrel of a gun, and 11 the sight which is commonly mounted on the front end of said barrel.

In carrying out the objects stated, the barrel 10 is provided at each side of the sight 11 with a radial horn 12, the center lines A of these horns being at an angle of, say, thirty-six degrees with the vertical line B passing through said sight.

By continued test of the invention in actual use, it is found that in raising the gun for shooting at a flying object, the two horns 12 have a "gathering" effect, as it were, on the object, and that the sight 11 is much more easily and quickly brought into line with the object.

It is further found that by adding one or two more horns 13 below each of the horns 12 it becomes still easier to bring the gun quickly and accurately to sighting position; this being partly due to the increased size of the mass at the front end of the barrel, which is more easily located in the field of vision.

Since it might be inconvenient or impractical to mount and secure the horns 12 and 13 directly on the barrel 10, as shown in Figs. 1 to 3, a sleeve 14 of flexible material, preferably sheet metal, is provided, and the horns are mounted rigidly on said sleeve.

This sleeve 14 is made separable on its lower side, and in order that a hole 15 in its upper side may be slipped over the sight 11, and after the sleeve is slipped into place the two edges are drawn securely together on the lower side of the barrel by a lacing of flexible cord or annealed wire 16 which is drawn through lacing loops 17 on said edges.

In order that the horns 12 and 13 shall not easily catch brush or hook other objects, they are each formed with a long slope lengthwise of the barrel 10.

Having thus described the invention, I claim:—

1. Sighting means for a gun barrel, including a centrally disposed sight member, in combination with a series of spaced wings on each side of the central sight member, said wings projecting radially from the gun barrel and extending longitudinally thereon so as to admit of the central sight member being quickly brought into sighting position.

2. Sighting means for a gun barrel including a centrally disposed sight member, a removable sleeve fitted upon the gun barrel, and a series of spaced wings carried by the sleeve on each side of the centrally disposed sight member, said wings projecting radially from the gun barrel and extending longitudinally thereon so that the channels between the wings have the same direction as the line of sight and facilitate bringing the centrally disposed sight member into sighting position.

3. Sighting means for a gun barrel, including a centrally disposed sight member, a split sleeve removably fitted upon the gun barrel and provided with loops at the edges thereof, lacing engaging the loops to hold the split sleeve in position, and a series of spaced wings projecting from the sleeve on each side of the centrally disposed sight

member, said wings projecting radially from the gun barrel and extending longitudinally thereon so that the channels between the wings have the same direction as the line of sight and facilitate the bringing of the centrally disposed sight member into sighting position.

Witness my hand this 13th day of July, 1915.

THOMAS C. DYER.

Witnesses:
R. A. WILLIAMS,
O. B. BROWNING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."