Feb. 21, 1950 M. DE JONGE 2,498,155

GUN SIGHT

Filed June 3, 1946

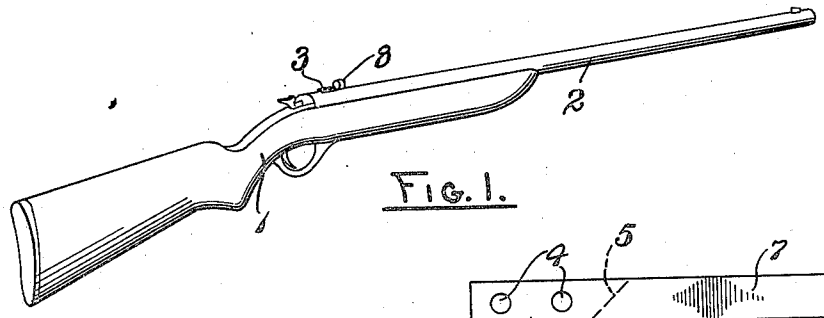


FIG. 1.

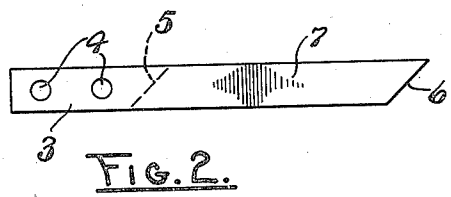


FIG. 2.

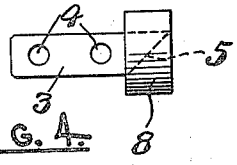


FIG. 4.

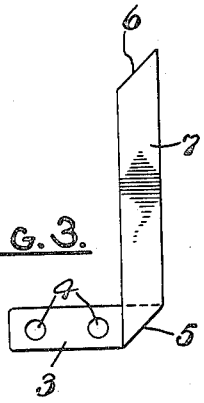


FIG. 3.

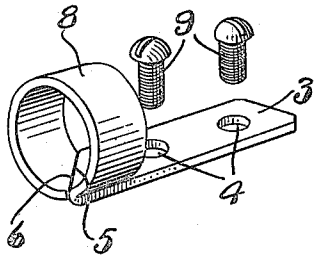


FIG. 5.

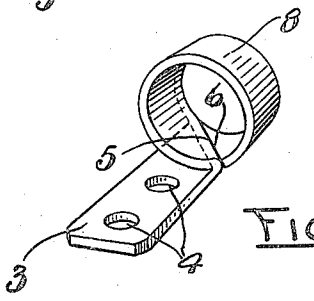


FIG. 6.

INVENTOR
MARVIN DE JONGE
BY Linerance and Van Antwerp
ATTORNEYS

Patented Feb. 21, 1950 2,498,155

UNITED STATES PATENT OFFICE

2,498,155

GUN SIGHT

Marvin De Jonge, Zeeland, Mich.

Application June 3, 1946, Serial No. 673,955

1 Claim. (Cl. 33—47)

1

The present invention relates to a novel and simple sight, designed for attachment at the upper side of a shot gun barrel near the breach of the gun, and through which a very quick approximate proper alinement of the gun barrel on the target shot at may be obtained, said sight cooperating with the front sight of the barrel to insure an approximate right elevation of the rear end of the barrel whereby a line through the rear sight to the front end sight extended outward will very closely cover the target shot at.

It is a principal object and purpose of the present invention to produce a sight of the type stated, very simply made from a length of flat metal, the major portion of which is formed into a ring, and from the lower side of the ring a base is extended which may be rigidly secured at the upper side and near the rear end of the gun barrel, the ring being open from front to rear so that its axis may be substantially alined with the sight at the upper side and front end of the gun barrel. The construction of sight is very economical to produce and the gun may be very quickly sighted with its use by positioning the gun so that the front sight is observed through the open ring.

An understanding of the invention may be had from the following description, taken in connection with the accompanying drawing, in which,

Fig. 1 is a perspective view of a shot gun equipped with the rear sight of my invention.

Fig. 2 is a plan of the strip of flat metal from which the sight is made.

Fig. 3 is a plan showing the first step in the manufacture of the sight in which a section of the metal from which the ring is made is bent laterally from the base.

Fig. 4 is a plan view of the completed sight, and

Figs. 5 and 6 are perspective views of the sight, the views being taken at opposite sides of the ring portion thereof.

Like reference characters refer to like parts in the different figures of the drawing.

As is common in all shot guns, it includes a rear stock 1 with the barrel 2 secured to the stock and extending forwardly therefrom. The sight of my invention is to be secured at the upper side and near the back end of the barrel 2.

2

In the construction of the gun sight of my invention a flat strip of metal in practice approximately one-eighth or three-sixteenths of an inch in width is provided which, at one end portion, as shown, has holes 4 punched or drilled therethrough. Between the ends of the strip it is to be bent upon a diagonal line indicated at 5, the other end of the strip having an inclined edge 6 substantially parallel to the line 5, defining a section 7 in the form of a parallelogram as shown in Fig. 2. The metal strip is bent upon the line 5, as shown in Fig. 3, disposing said section 7 at right angles to the base 3. Said section 7 is then formed into the circular ring 8 with the end edge 6 brought against the inclined bending line 5 to form a completed circle with a substantially perfect joint where the end of the ring at the edge 6 abuts against the diagonal bend at 5.

The sight is located at the upper side of the rear end portion of the barrel 2, adjacent the breach and is secured by the screws 9 which pass through the openings 4 and threaded into the barrel. Preferably the ring 8 is at the forward end of the base 3, but the sight could be secured to the barrel in a reverse position without affecting its operation.

In the use of the sight as thus installed on a shot gun barrel, the raising of the gun to the shoulder and the leveling of and toward game to be fired at is rapid, the front and rear sights being quickly alined, and as soon as the front sight is seen through the ring 8, the gun is properly aimed.

The sight is particularly useful in conjunction with shot guns in which a number of small pellets, instead of a single bullet are fired, and not being required to draw down to a fine sight, as in rifle firing. What is required is speed of action, and a proper aiming of the gun at what is usually a rapidly moving target with a firing of the gun within comparatively short range. The ring sight which I have provided insures that the aim shall be approximately upon the target, for all practical purposes directly upon the target, inasmuch as the spreading of the shot increases or enlarges the field which is covered, so that if the moving target is within such field it will be struck and brought down. There is a very

rapid alinement of the sights to the degree necessary for efficient shooting.

The invention is defined in the appended claim and is to be considered comprehensive of all forms of structure coming within its scope.

I claim:

A gun sight made from a single elongated piece of material having a flat base portion at one end adapted to be attached to a gun barrel, said material at one end of said base portion being folded to provide a sight portion extending at right angles to said base portion, said fold extending at an angle of 45° to the longitudinal edges of the base portion and the extreme end of said sight portion extending at an angle of 45° to its edges, said sight portion being bent into circular form with its angular end joining the correspondingly angular fold.

MARVIN DE JONGE.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
845,491	Thunen	Feb. 26, 1907
2,347,655	Barsalou	May 2, 1944

FOREIGN PATENTS

Number	Country	Date
123,656	Great Britain	Mar. 6, 1919