

No. 890,980.

PATENTED JUNE 16, 1908.

F. HENDRICKSON.

GUN SIGHT.

APPLICATION FILED FEB. 19, 1908.

FIG. 1.

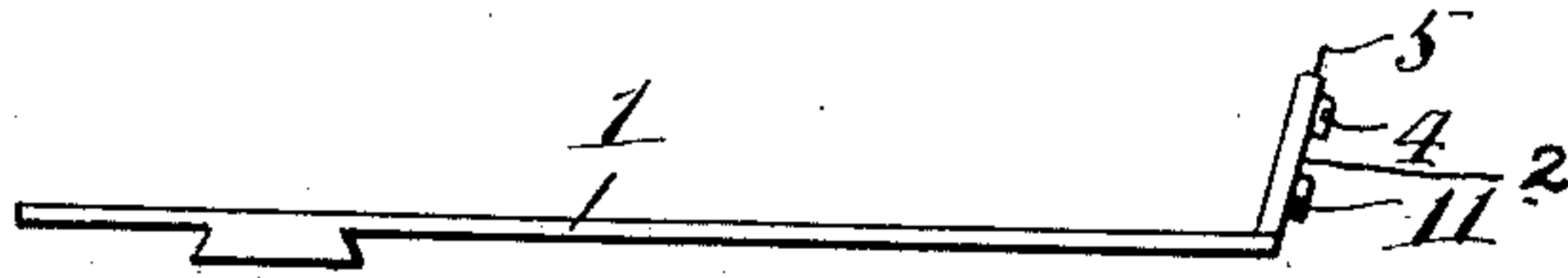


FIG. 2.

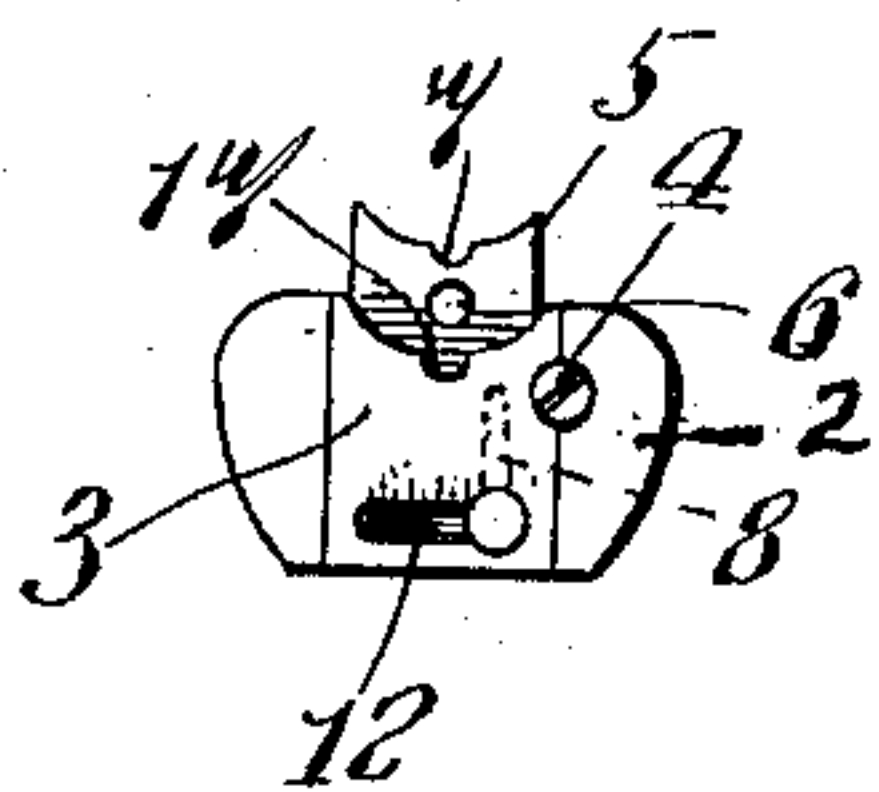


FIG. 3.

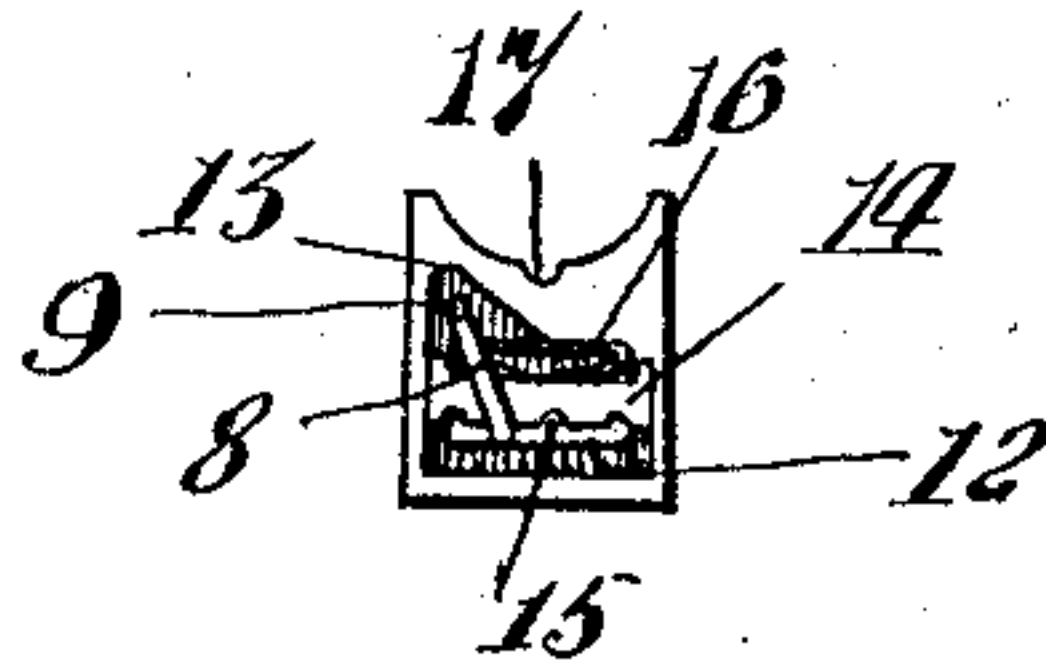


FIG. 4.

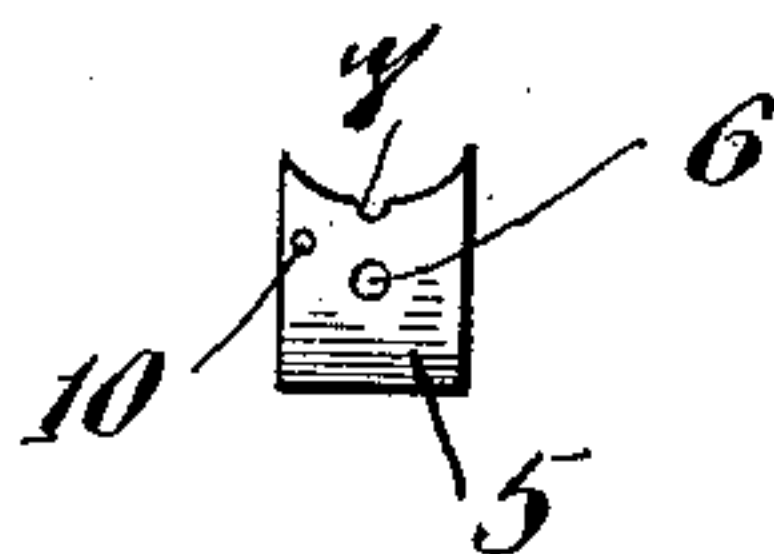


FIG. 5.

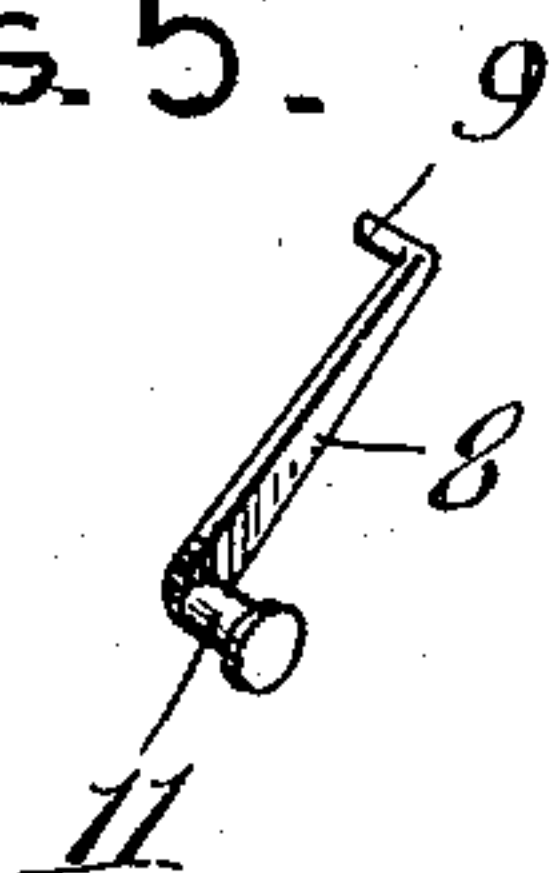
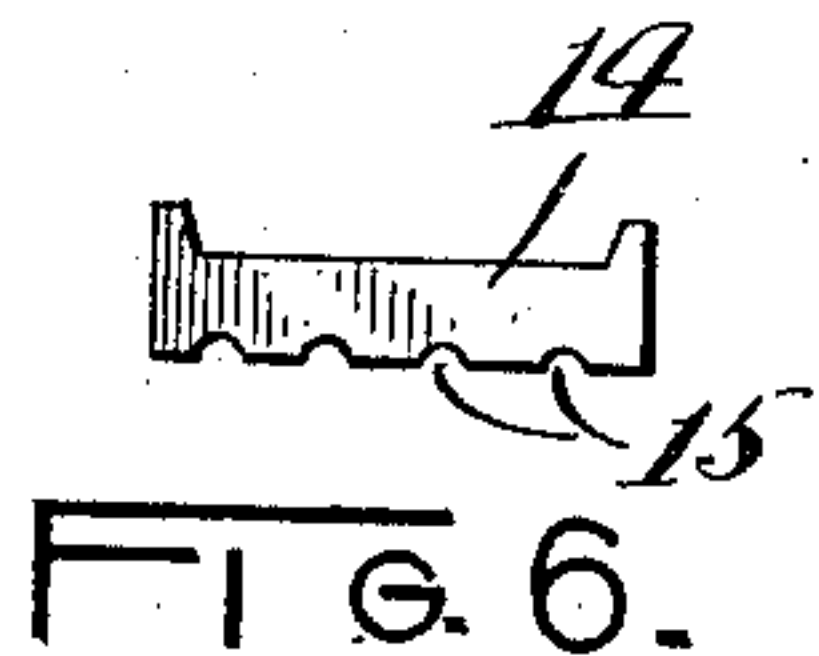
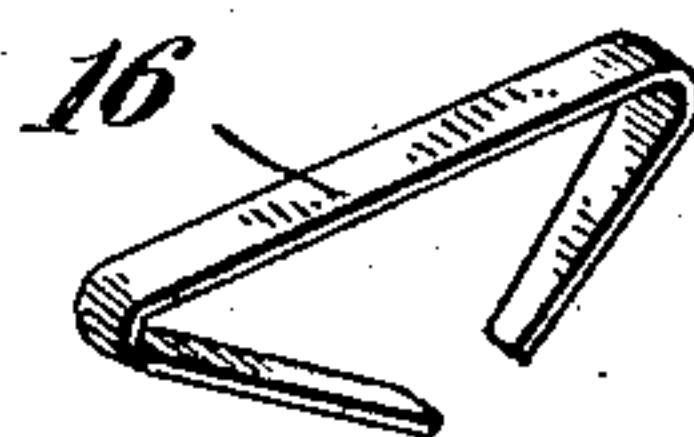


FIG. 7.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANK HENDRICKSON, OF THREE FORKS, BRITISH COLUMBIA, CANADA.

GUN-SIGHT.

No. 890,980.

Specification of Letters Patent.

Patented June 16, 1908.

Application filed February 19, 1908. Serial No. 416,694.

To all whom it may concern:

Be it known that I, FRANK HENDRICKSON, a subject of the King of Great Britain, residing at Three Forks, county of Kootenay, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Gun-Sights; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to rifle or gun sights, and more particularly to a combination peep and open sight, and means for operating the same.

Broadly speaking, the invention comprises a shank of usual form adapted to be secured to the barrel of a firearm and carrying at its free end a fixed sight leaf provided with an open sight adapted for use in short range or rapid firing, a movable sight leaf slidably mounted on the fixed sight leaf and provided with a peep sight for accurate firing or sharp shooting and also having a sight opening adapted to cooperate with the open sight of the fixed sight leaf, a lever for raising or lowering the movable sight, and a spring pressed block for holding the lever locked in adjusted position.

In order to enable one skilled in the art to which the invention relates to the more readily understand the construction, combination and use of the same, reference should be had to the accompanying drawings forming part of the application, and in which similar reference characters designate corresponding parts in the several views.

In the drawings:—Figure 1 is an edge view of the combined sight; Fig. 2 is a rear elevation of the same, showing the peep sight in full raised position; Fig. 3 is a rear view of the plate for retaining the movable sight leaf and the mechanism for moving this sight leaf; Fig. 4 is a face view of the peep sight leaf removed; Fig. 5 is a perspective of the adjusting lever; Fig. 6 is a front view of the locking block; and, Fig. 7 is a perspective of the spring for actuating the locking block.

A shank 1 of well known form and construction is provided and adapted to be secured to the barrel of a firearm. To this shank is attached a plate 2 provided with a fixed detachable sight leaf 3 having an open sight formed therein for rapid firing or short range shooting. The sight leaf 3 is held in fixed position by a screw 4 or like device

which is threaded partly into the sight leaf and partly into the plate 2. The rear face of the plate 2 is cut out to form a channel and the edges of the sight leaf 3 fit closely against the edges of the channel.

Within the channel in plate 2 is slidably mounted the peep sight leaf 5 provided with both peep sight opening 6 and open sight notch 7, the open sight leaf 3 serving to hold the peep sight leaf within the channel and the edges of the channel acting to guide it as it is raised and lowered.

In order to move the peep sight leaf a sliding lever 8 is provided. This lever has a toe 9 which fits into a hole 10 in the peep sight leaf, and a neck 11 which travels freely in the horizontal slot 12 of the fixed sight leaf, the toe and neck being connected by an arm which moves in the recess 13 in the fixed sight leaf, and the neck terminating in a head by which the lever may be operated. Of course, when the peep sight has once been adjusted to the desired range it should be securely locked in such adjusted position. For this purpose a slidable block 14 is mounted in the recess 13 above the slot 12 and provided with a plurality of notches 15 adapted to partially embrace the neck 11 and prevent accidental movement of the lever.

In order to insure engagement between the neck 11 and the notches 15 a small spring 16 is mounted within the recess 13, in such position as to be compressed between the upper wall of the recess and the upper face of the block 14 thus exerting a downward pressure on the block. The edge of the slot 12 may be suitably graduated, the notches 15 of the block 14 being so arranged as to correspond with the graduations so that the peep sight may be securely locked at each graduation or definite change of range.

It will be clear from the above that as the leaf 5 is raised by moving the lever to the right, as in Fig. 2, the peep sight 6 will be brought into use and the open sight notch 17 in leaf 3 will be hidden. Reversely, when the lever is swung to the extreme left of Fig. 2 leaf 5 will be completely lowered, the peep sight 6 disappearing and the open sight notches 7 and 17 coming into alinement.

A sight of this kind combines all the features of an open sight and a peep sight and may be very well substituted for the regular rear sight on all firearms without any alteration whatever.

The combination sight as described is ex-

tremely simple, has the minimum number of parts, is easily assembled and all of the parts may be very rapidly and easily removed or repaired if necessary.

5 Many changes in the several parts of the device, many new arrangements of the several parts, and many substitutions may be resorted to without in any way departing from the field and scope of the present in-
10 vention, and it is meant to include all such within this application, wherein only one preferred form of the device has been shown and described.

Having thus fully described my invention,
15 what I claim as new and desire to secure by Letters Patent is:

1. A gun sight comprising a shank adapted to be secured to the barrel of a firearm, a plate carried thereby, an open sight
20 leaf secured to said plate, a peep sight leaf slidably mounted between said plate and said open sight leaf, a lever for actuating said peep sight leaf, and means for locking said lever in various positions according to the
25 range desired.

2. A gun sight comprising a shank adapted

to be secured to the barrel of a firearm, a plate carried thereby, an open sight leaf detachably secured to said plate, a peep sight leaf secured between said open sight
30 leaf and said plate, a lever secured to said peep sight leaf and adapted to move the same according to the range desired, and means for locking said lever in adjusted position.

3. A gun sight comprising a shank adapted
35 to be secured to the barrel of a firearm, a plate secured to said shank, an open sight leaf detachably secured to said plate and provided with a recess, a peep sight leaf slidably held between said open sight leaf and
40 said plate, a lever for operating said peep sight leaf, a block slidably seated within the aforesaid recess and provided with a plurality of notches adapted to engage the aforesaid lever and to lock it in adjusted position, and
45 a spring for actuating said block.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

FRANK HENDRICKSON.

Witnesses:

W. E. COLES,
F. H. SMITH.