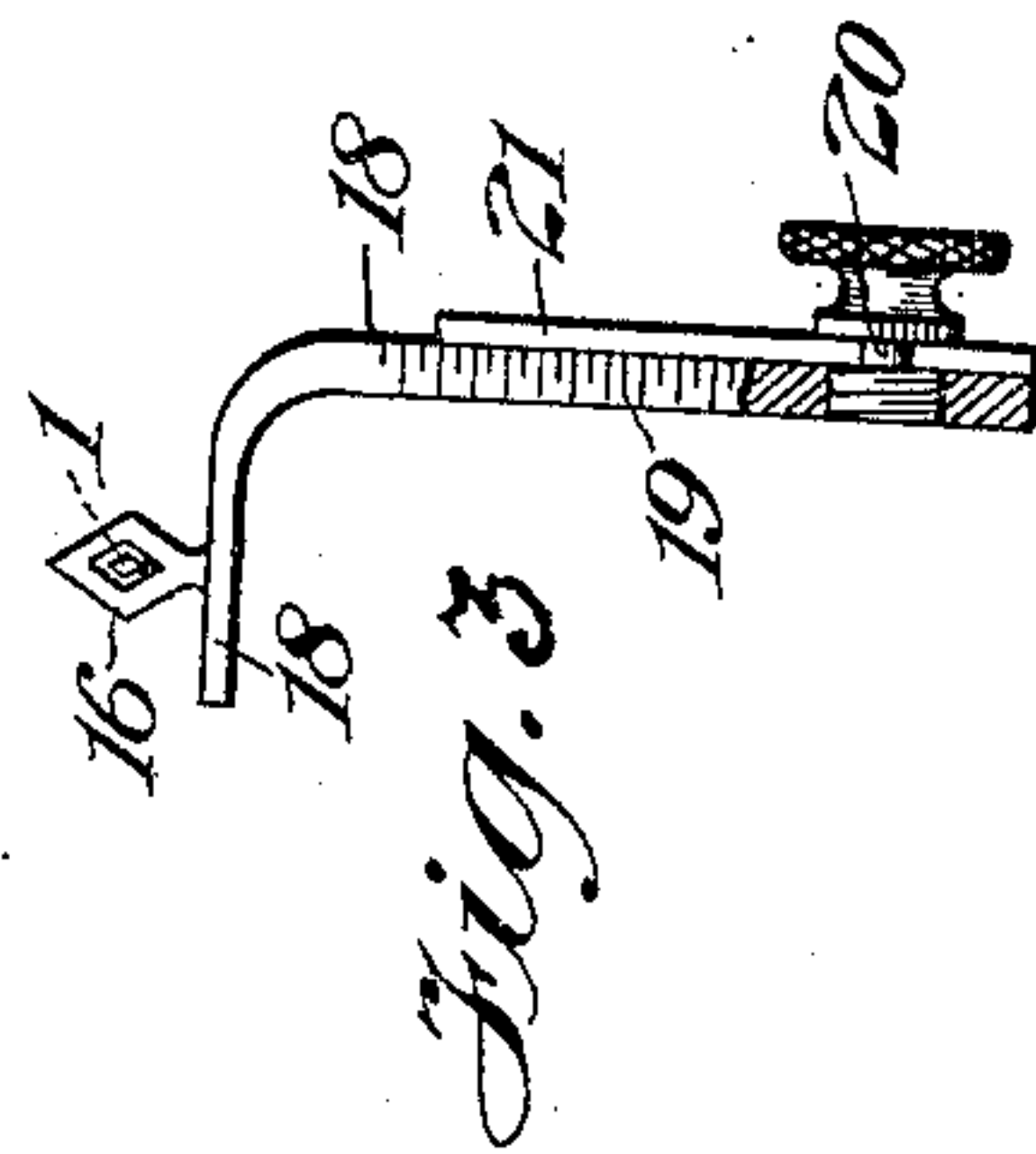
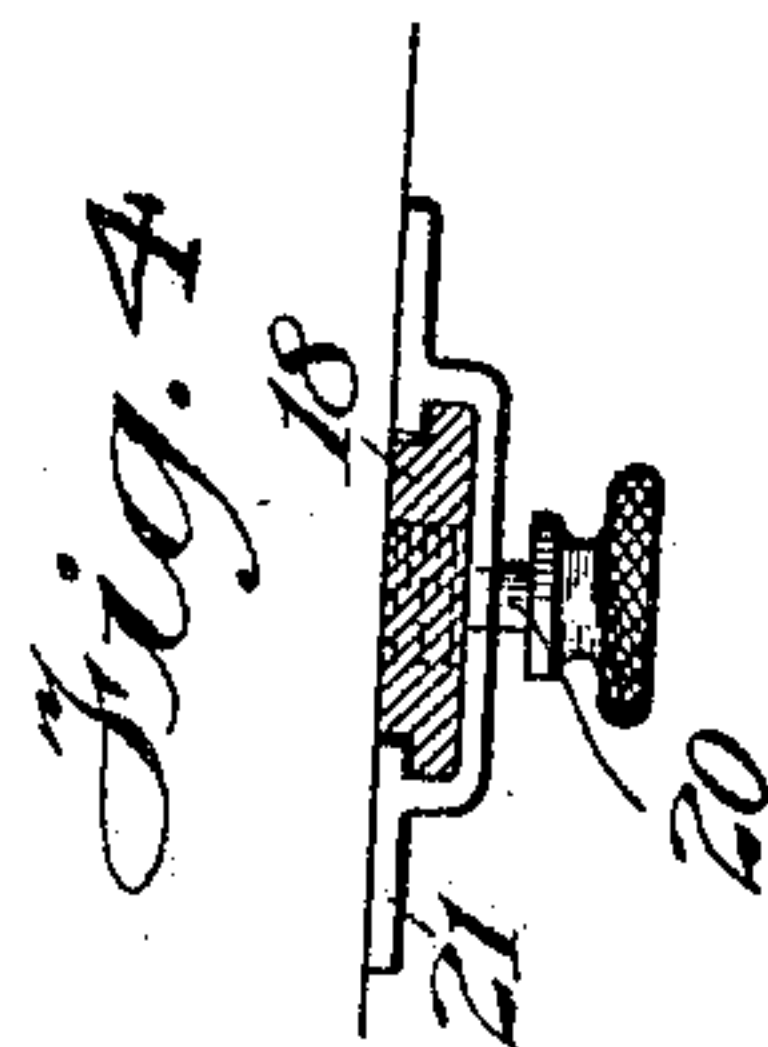
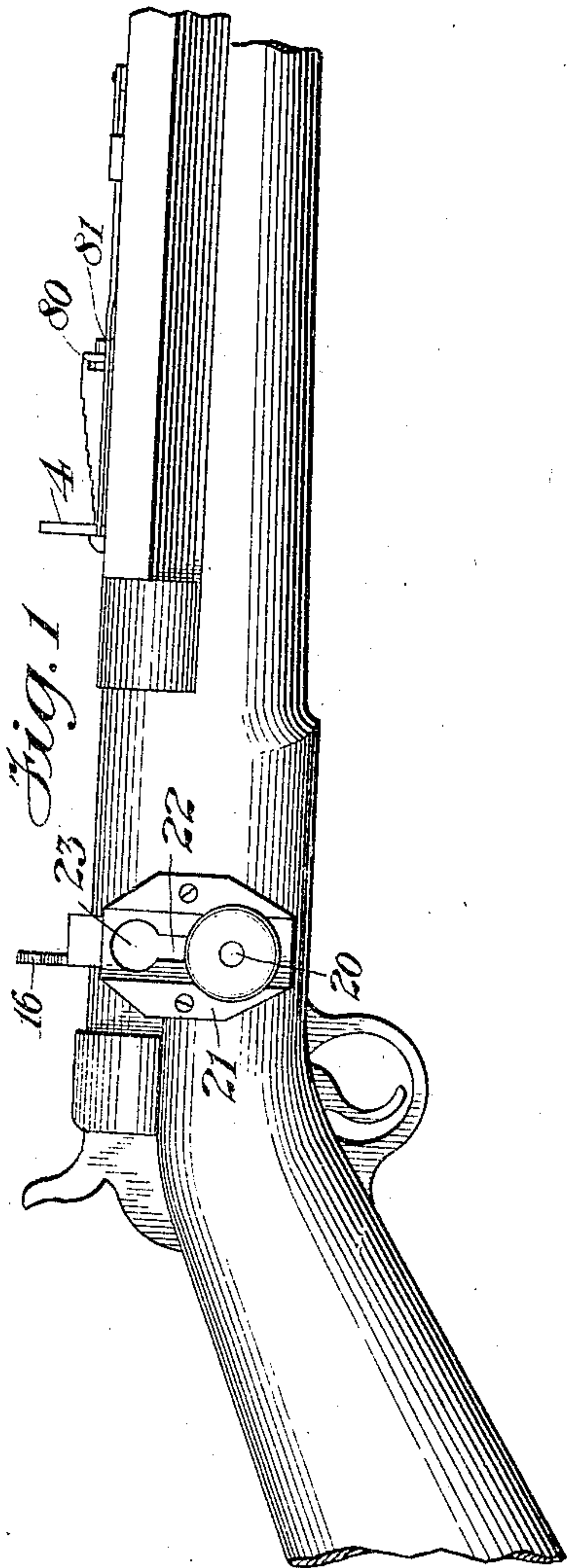
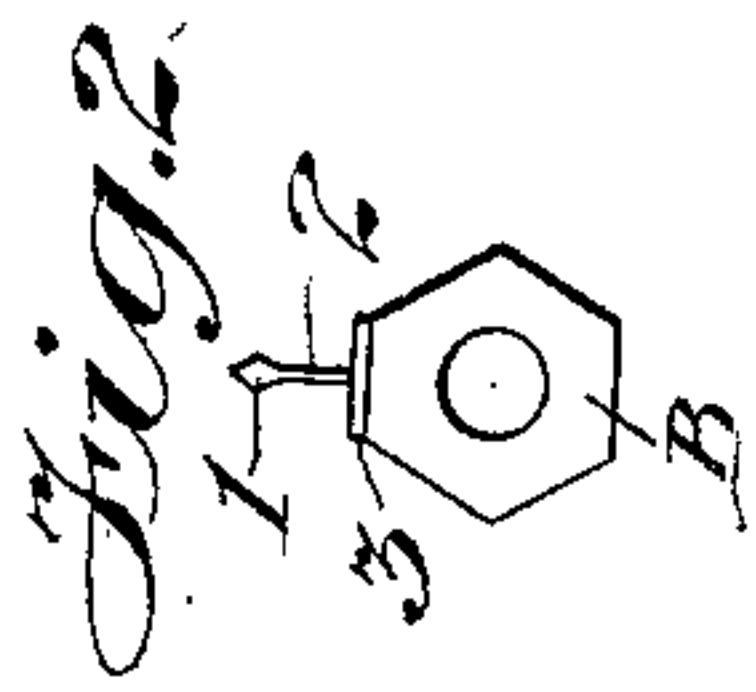
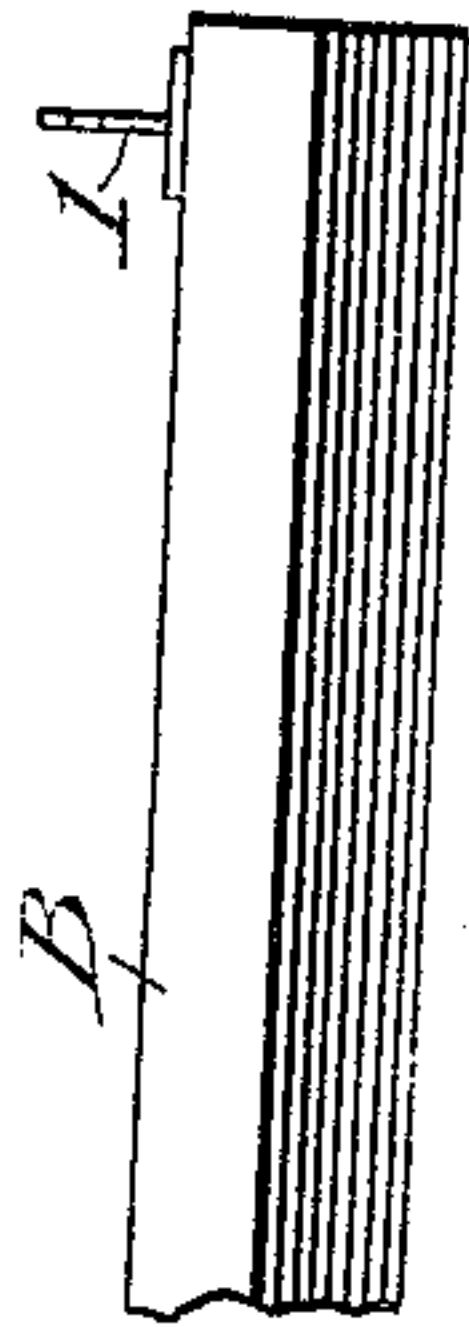


No. 810,703.

PATENTED JAN. 23, 1906.

G. L. BLACK.  
GUN SIGHT.

APPLICATION FILED JAN. 22, 1904.



Witnesses:  
Chas. J. Clagett  
Chas. L. Wolf.

Inventor:  
Gilbert L. Black.  
By his Attorney  
Charles A. Stephens.



# UNITED STATES PATENT OFFICE.

GILBERT L. BLACK, OF MINOA, NEW YORK.

## GUN-SIGHT.

No. 810,703.

Specification of Letters Patent.

Patented Jan. 23, 1906.

Application filed January 22, 1904. Serial No. 190,118.

*To all whom it may concern:*

Be it known that I, GILBERT L. BLACK, a citizen of the United States, and a resident of Minoa, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Gun-Sights, of which the following is a specification.

My invention relates to an improvement in gun-sights, and comprises certain novel features, parts, and combinations of parts, which will be hereinafter described, and particularly pointed out in the claim.

The object of my invention is to improve and simplify the construction and use of such devices, and particularly to produce a set of gun-sights parts of which may be secured to and removed from the gun without the use of tools.

The scope of my invention will be defined by the claim terminating this specification.

The drawings accompanying herewith show my invention embodied in a form which is now preferred by me.

Figure 1 shows a side elevation of a gun having my invention thereon. Fig. 2 is an end view of a gun-barrel having my preferred form of front sight thereon. Fig. 3 is a rear elevation of the rear sight. Fig. 4 is a horizontal cross-section showing the method of attaching this sight to the gun and adjusting its elevation.

As disclosed herein, I provide two sights for a gun, a front or muzzle sight, which is permanently attached to the gun, and a rear sight, which is intended for more accurate shooting and which is attached as far back as may be conveniently done, the same being here shown as attached to the gun just forward of the hammer. The rear sight is made readily attachable and detachable without the use of tools, so that it may be quickly removed at any time. The front sight is a bead-sight comprising the bead 1, its supporting-rod 2, and its base 3, by which it is secured upon the gun-barrel B. I have found that a bead of a diamond or square cross-section having its diagonals vertical and horizontal is best adapted for this purpose, and particularly for use in conjunction with an apertured sight such as I have employed for the rearmost sight. The intersection of the vertical and horizontal diagonals is the true line of sight. The directions of these lines and their extensions are noted unconsciously and without effort, thus facilitating an accurate point-

ing of the gun. The rear sight, which is designed for target-shooting and whenever accurate shooting is especially desired, is preferably placed well back upon the gun, whereby a greater distance between the sights is obtained, which in itself tends to increased accuracy.

The sight proper, 16, is of a diamond shape and has a corresponding diamond-shaped sight-opening therein, which, in combination with the diamond-shaped forward sight, enables very exact sighting to be secured. The sight is carried by an arm which extends laterally over the gun from a vertically-movable bar 18, which is guided in a housing 21, secured to the side of the gun. The bar 18 is secured in adjusted position by a screw 20, the shank of which passes through a slot 22 in the face of the housing. This slot has an enlargement 23 at its upper end, which permits insertion and removal of the enlarged threaded end 20<sup>a</sup> of the screw. The bar 18 may be provided with a scale 19 to indicate different ranges.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A rear sight for guns comprising a hollow guide member adapted to be secured to the side of the gun and having an elongated vertical slot provided with a circular enlargement, at its upper end, a bar mounted to slide vertically within the guide member and having a threaded hole in its lower end, an arm extending laterally from its upper end over the gun and a sighting member carried by said arm and means for holding said bar at different elevations consisting of a screw having a button on one end adapted to bear against the outer face of the guide member, an enlarged threaded end adapted to be inserted through the circular enlargement of the elongated slot in the guide member and into engagement with the threaded hole in said bar and bear against the inner face of the guide member and a reduced neck adapted to fit in the vertical slot in the guide member, substantially as described.

Signed at Minoa, in the county of Onondaga and State of New York, this 31st day of December, A. D. 1903.

GILBERT L. BLACK.

Witnesses:

F. R. SHOEMAKER,  
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