Jan. 19, 1926.

1,569,901

J. D. VIRDIN

ATTACHMENT TO FIREARMS

Filed August 27, 1925

Fig. 1.

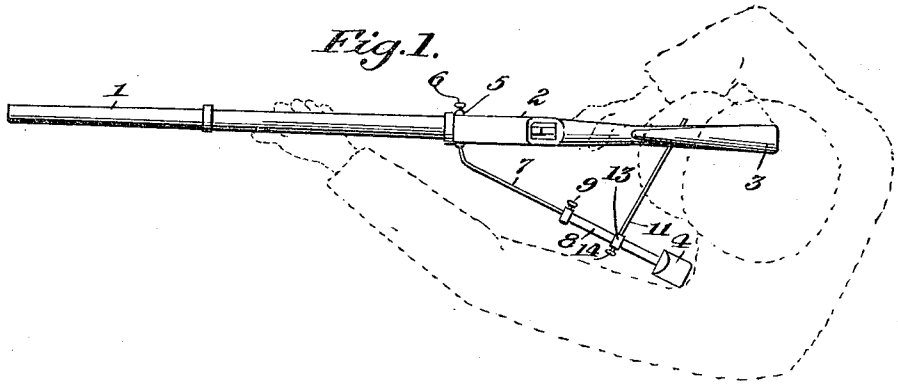


Fig. 2.

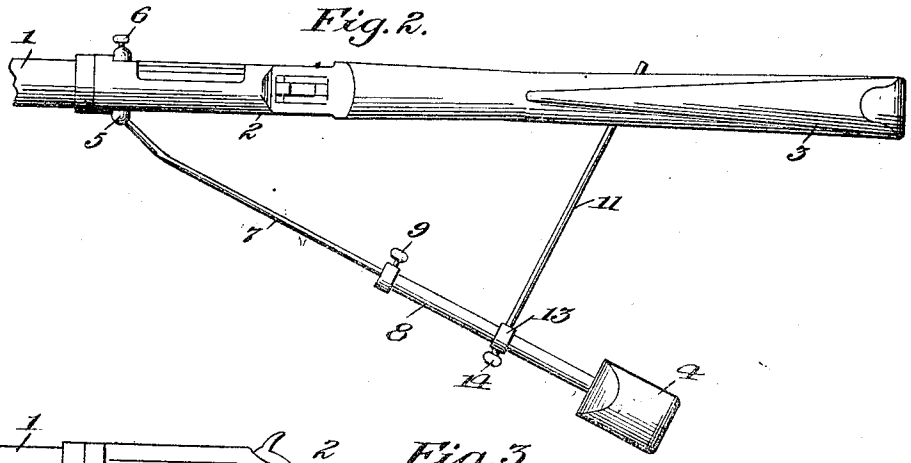


Fig. 3.

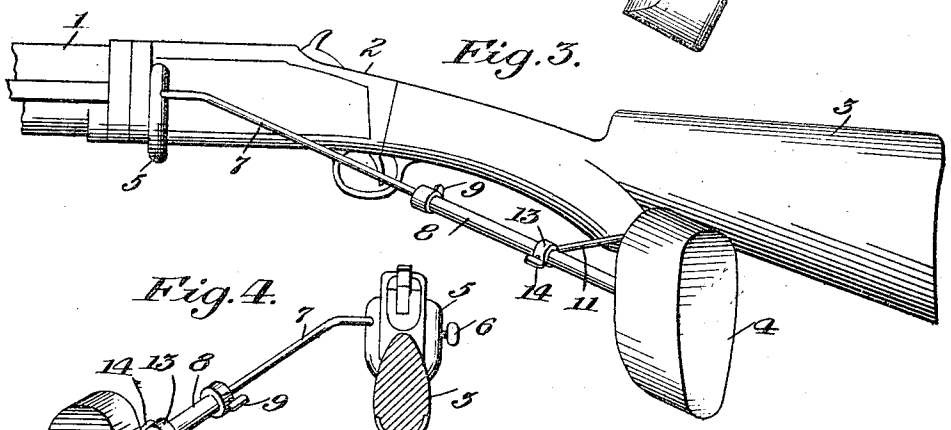
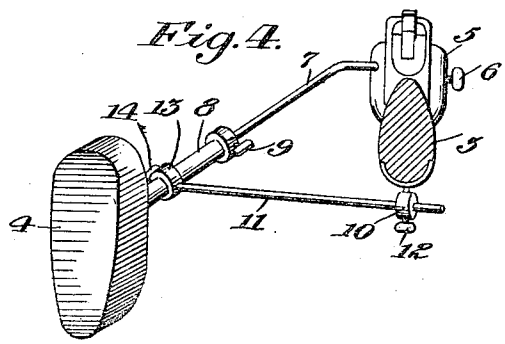


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOSEPH D. VIRDIN, OF BALTIMORE, MARYLAND.

ATTACHMENT TO FIREARMS.

Application filed August 27, 1925. Serial No. 52,805.

To all whom it may concern:

Be it known that I, JOSEPH D. VIRDIN, of the city of Baltimore, State of Maryland, a citizen of the United States, have invented certain new and useful Improvements in Attachments to Firearms, of which the following is a specification.

This invention relates to an attachment to firearms and has for its object the provision of a simple and inexpensive addition to a rifle or other firearm whereby the strain of supporting the gun in firing position will be minimized; the gun will be always held in the same relation to the eyes of the shooter, steadiness in firing will be attained, and marksmanship improved.

Other objects will appear in the course of the following description and the invention resides in certain novel features which will be particularly pointed out in the appended claims.

In the accompanying drawing, which illustrates one embodiment of the invention,—

Figure 1, is a plan view of a gun in firing position with the invention applied;

Figure 2, is an enlarged plan view of the stock end of the gun and the device constituting the present invention;

Figure 3, is a side elevation of the parts shown in Figure 2; and

Figure 4, is a rear end elevation with the gun stock in section.

Upon the drawing, the numeral 1 designates the gun barrel, 2, the breech or firing section, and 3 the stock of a gun, all of which may be of any known or approved form and are illustrated in a more or less conventional manner.

In carrying out the present invention, there is provided a shoulder rest or supplemental stock 4 and bracing connections between the same and the gun. In the particular form of the invention shown in the drawing, there is employed a saddle or clip 5 which is V-shaped to fit under and embrace the breech of the gun, a set screw 6 being mounted in one side to bind against the adjacent side of the gun and thereby firmly secure the saddle in place. From the opposite side of the saddle, an arm or supporting rod extends outwardly and rearwardly to carry the auxiliary stock 4, and this arm is preferably extensible so that it may be easily adjusted to suit the convenience and comfort of the user. As shown, the arm comprises a forward member 7 integral with or fixed to the saddle and a rear member 8 fixed to the stock 4, the member 8 being tubular to fit telescopically upon the forward member and being secured in a set relation thereto by a set screw 9 in an obvious manner. A collar or ring 10 is swiveled upon the under side of the stock 3, as shown in Figure 4, and one end of a brace rod 11 extends therethrough and is secured therein by a set screw 12. The opposite end of the brace rod is formed into or secured to an eye 13 which encircles the stock-supporting arm and is adjustably secured thereto by a set screw 14.

In use the gun is held in the usual manner with its stock resting against one shoulder of the marksman, and the auxiliary stock or rest is automatically brought against the other shoulder as will be understood upon reference to Figure 1. The gun will thus be more firmly held with less fatigue than has heretofore been possible and the gun sights will always be the same position relative to the eye, any side movement by the use of the arms being practically eliminated. When side movement of the gun in aiming is necessary, the shooter is obliged to accomplish the result by turning his body so that the relation of the eye to the gun sights is constant and cross-firing is avoided. The necessity of turning the body, as described, also induces body movement for vertical alinement which is the correct method of aiming and must be acquired if the shooter desires to become an expert and accurate marksman.

While the body movement is necessary in all forms of expert shooting, it is particularly desirable in shooting at moving objects, and it is rapidly attained when my invention is used, the eye being automatically properly alined with the gun sights and remains in alinement.

By the use of my invention, the gun is also firmly supported with less fatigue than has been the case heretofore and the shock of the recoil is divided between the two shoulders so that it is easily met and overcome with minimum discomfort.

The device may be adapted to men firing from either the right or the left side, the only change required being a reversal of the saddle 5 and the bending of the member 7 to the proper angle.

While the device is intended more par-

ticularly as an attachment which may be applied to any gun as needed, it may, of course, be secured to a gun as a permanent part thereof. Also, instead of the auxiliary stock supporting arm being extensible it may be of fixed length, and other changes may be made in the minor details of construction without involving any departure from the spirit or scope of the invention as the same is defined in the following claims.

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

1. An attachment for fire arms comprising an auxiliary bracing stock and means connecting said stock with the side of the fire arm, both the main and auxiliary stocks being used simultaneously in the usual manner.

2. An attachment for fire arms comprising an auxiliary bracing stock and means extending rearwardly and at an angle from the side of the fire arm and connecting the auxiliary stock with the fire arm whereby the auxiliary stock is adapted to rest against the shoulder of the user of the fire arm opposite to that against which the usual stock of the fire arm rests.

3. An attachment for fire arms comprising an auxiliary stock, an arm connecting said stock with the fire arm, and a brace to maintain a spaced relation between the stock of the fire arm and the auxiliary stock, said stocks being simultaneously used.

4. An attachment for fire arms comprising an auxiliary stock, a telescopic arm extending forwardly and laterally from the stock to connect the same with the side of a fire arm and a brace between said arm and the auxiliary stock of the fire arm.

5. An attachment for fire arms comprising an auxiliary stock, a saddle to be secured to the fire arm, an arm extending rearwardly and outwardly from the saddle to the auxiliary stock and a brace therefor between said arm and the stock of the fire arm, said stocks being simultaneously used in the usual manner.

6. An attachment for fire arms comprising a saddle to be secured to the underside of the fire arm, an auxiliary stock, an arm extending rearwardly and outwardly from the saddle to support the auxiliary stock and a brace having one end secured to said arm and adjustable along the same, and its opposite end adjustably swivelly secured to the underside of the fire arm.

In testimony whereof I hereunto affix my signature.

JOSEPH D. VIRDIN.