Jan. 20, 1942. J. J. HUMSKI 2,270,707

SIGHTING MEANS FOR FIREARMS

Filed Oct. 18, 1939

Fig. 3.

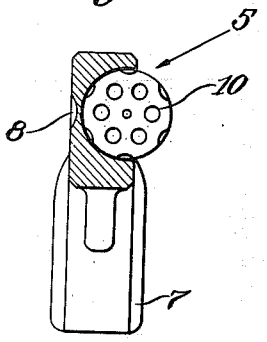


Fig. 2.

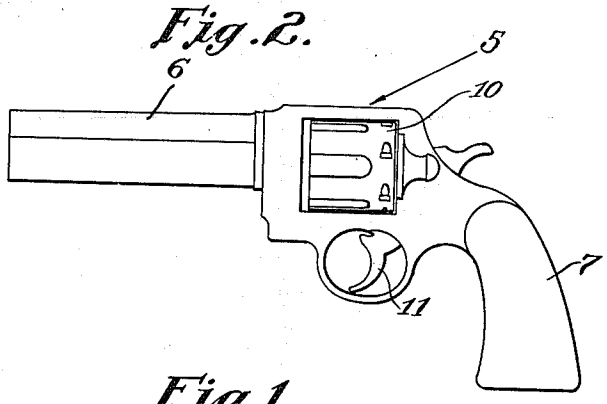


Fig. 1.

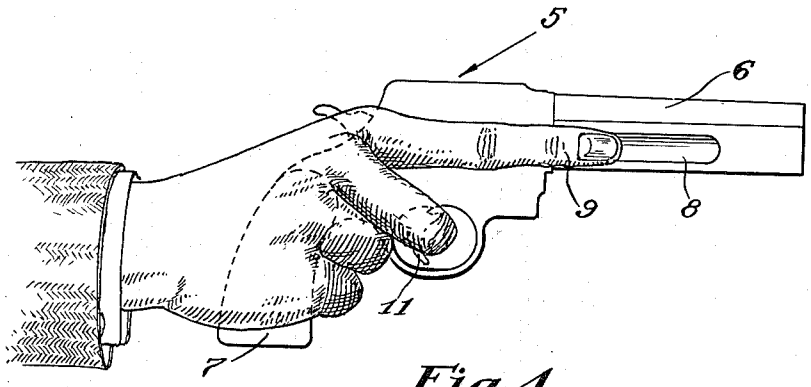


Fig. 4.

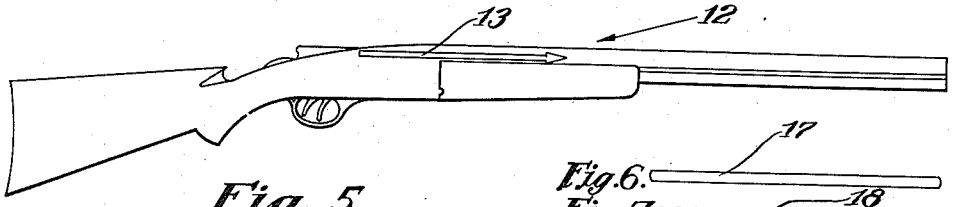
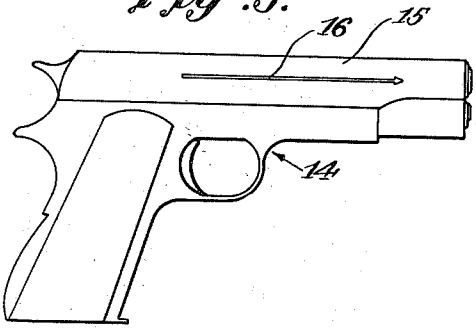
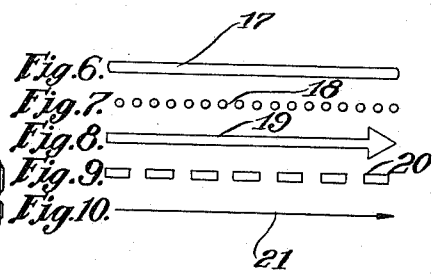


Fig. 5.





John J. Humski
INVENTOR

BY Victor J. Evans & Co.
ATTORNEYS

WITNESS

Patented Jan. 20, 1942

2,270,707

UNITED STATES PATENT OFFICE

2,270,707

SIGHTING MEANS FOR FIREARMS

John J. Humski, Cicero, Ill.

Application October 18, 1939, Serial No. 300,057

2 Claims. (Cl. 42—1)

The present invention relates to new and improved firearms and more particularly to a finger sight for the same.

An important object of the invention is to modify the barrel of a firearm in such a manner that the index finger serves as a sighting means thereby enabling one to obtain greater accuracy in shooting.

A further object of the invention is to provide a groove or similar marker along the barrel of the firearm adapted to receive and/or guide the index finger of the shooting hand, said finger then to be used for sighting purposes, the position of which will provide for a firmer grip of the firearm when using the same.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which forms a part of the application.

In the drawing:

Figure 1 is a side elevational view illustrating a revolver in use, with the improvement thereon.

Figure 2 is a side elevational view of a revolver showing the position of the cartridge chamber, the same having been changed to accommodate the improved sighting device.

Figure 3 is a vertical sectional view through the revolver shown in Figure 2.

Figure 4 is a side elevational view illustrating the use of the sighting device with a gun.

Figure 5 is a modified form of the invention.

Figures 6, 7, 8, 9, and 10 illustrate various forms of indicating means serving as a guide for the index finger when formed on the barrel of a firearm.

Referring to the drawing for a more detailed description thereof and particularly Figures 1, 2 and 3, the preferred embodiment of the invention is shown in use with a revolver generally designated by the reference numeral 5 and including a barrel 6 and grip stock or handle 7. A groove 8 is formed longitudinally of the barrel 6 and extends on one side only from substantially the trigger to midway of the barrel and extends parallel to the base or axis of the barrel. The groove 8 is formed adjacent the bottom edge of the barrel in a true horizontal position for receiving the index finger of the shooting hand indicated by the numeral 9, the index finger then to be used as a sight for aiming at a target. With the index finger disposed within the groove 8, the middle finger becomes the trigger finger with the other two fingers and thumb gripping the handle of the revolver in the manner shown in Figure 1 of the drawing. The respective positions of the fingers of the shooting hand will provide for a firmer grip of the revolver and when using the index finger as a sighting device thus enables the obtaining of greater accuracy in shooting.

It is to be understood that the groove 8 may be formed on either the right or left side of the barrel. For left-handed marksmen the groove is formed on the left side of the barrel while for right-handed marksmen the groove is placed on the right side of the barrel. To enable using the groove and the index finger as a sighting device, it is necessary to modify the revolver to the extent of placing the cartridge chamber 10 off center with respect to the barrel as shown in Figures 2 and 3 of the drawing. This change can be readily made, however, together with changing the position of the firing pin and hammer actuated by the trigger 11.

In Figure 4 of the drawing there is disclosed a gun 12 in which a grooved arrow 13 is formed for receiving the index finger of the shooting hand, the same being placed above the stock of the gun as shown. A gun provided with a grooved barrel is used in substantially the same manner as the pistol shown in Figure 1 with the index finger placed within the groove and forming a sight for the gun.

In Figure 5 of the drawing an automatic pistol 14 has its barrel 15 formed with a grooved arrow 16 the same to be used in the manner previously described.

Figures 6, 7, 8, 9 and 10 illustrate various forms of guide means for the index finger and it is to be understood that such guide means may be either depressed or raised within the spirit of the invention. Figure 6 illustrates a guide means in the form of a groove 17, while in Figure 7 a series of circles 18 serves as a guide means for the index finger. In Figure 8 there is shown a grooved arrow 19, while Figure 9 illustrates spaced grooves 20. In Figure 10 a line 21 or similar marker can be used to be placed along the barrel of the firearm in the manner previously described. It is to be understood that other designs may be employed to form a guide for the index finger in pointing at a target.

Also it will be understood, of course, by those skilled in the art that variations in the hereinabove described device involving the substitution of substantial equivalents for the devices described are intended to be comprehended within the spirit of the present invention and that the

invention is capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therein as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claims.

What is claimed is:

1. In a gun having a housing, a barrel and a handle, a groove formed longitudinally at one side of the barrel and parallel therewith, the said groove being shaped to guidingly accommodate one side of a finger of the shooting hand in a position level with the bore of the barrel for sighting the gun.

2. In a firearm, a housing block having a concave recess in one side thereof and providing an uninterrupted solid wall structure at the opposite side, a barrel extended forwardly of the said housing block, a cylinder rotatably mounted on the block so that its inner circumferential portion is disposed within the concave recess while the opposite portion projects laterally from one side of the block, the exterior of the housing block and the barrel having a longitudinal groove therein parallel and level with the bore of the barrel in that side of the block opposed to the recessed cylinder receiving side.

JOHN J. HUMSKI.