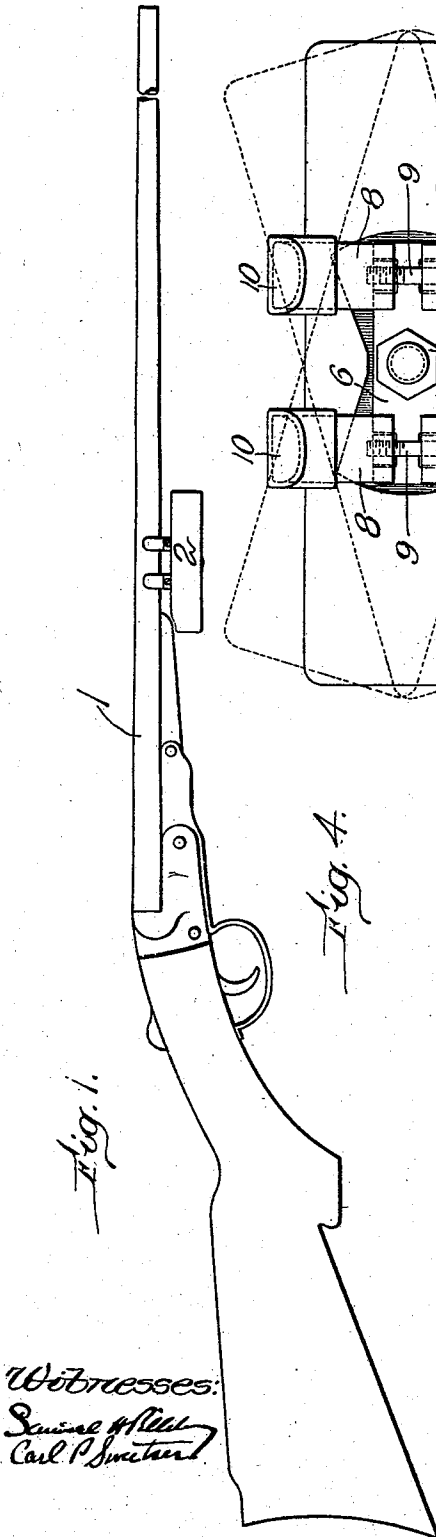


F. A. FREEMAN.
HAND GRIP FOR GUNS.
APPLICATION FILED JULY 6, 1908.

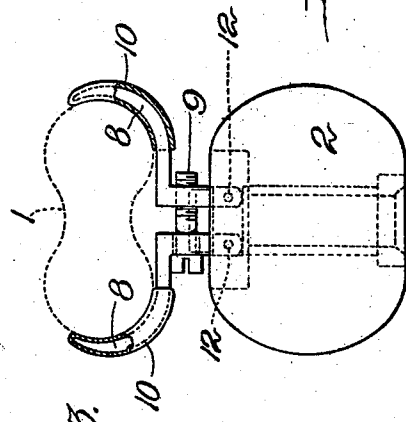
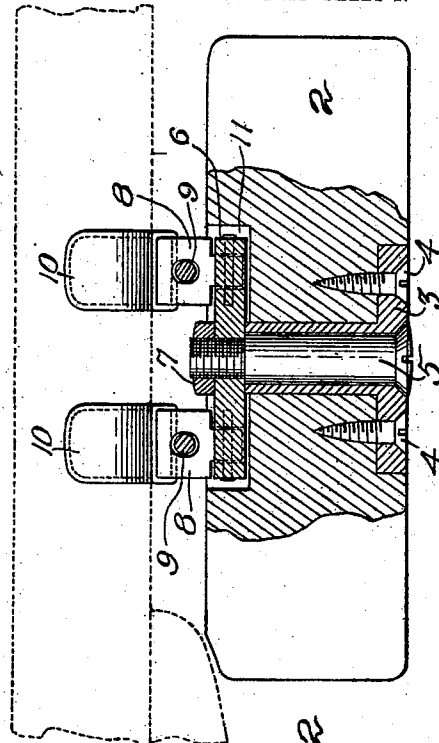
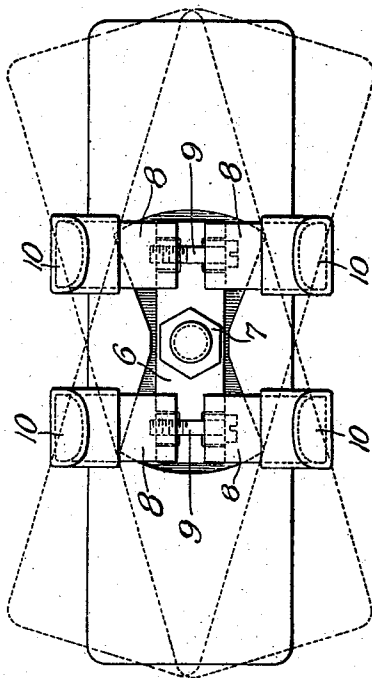
936,528.

Patented Oct. 12, 1909.

2 SHEETS-SHEET 1.



Witnesses:
James H. Hill
Carl P. Smith

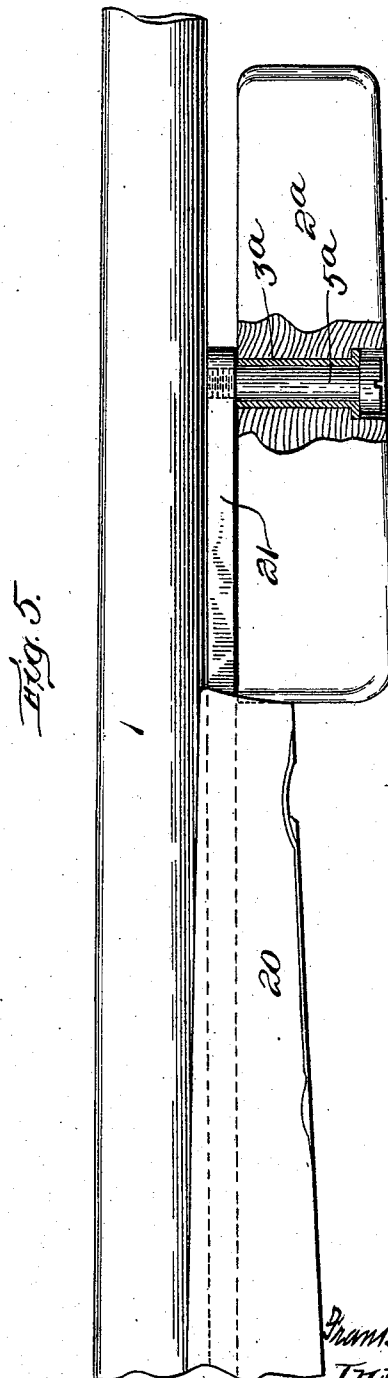
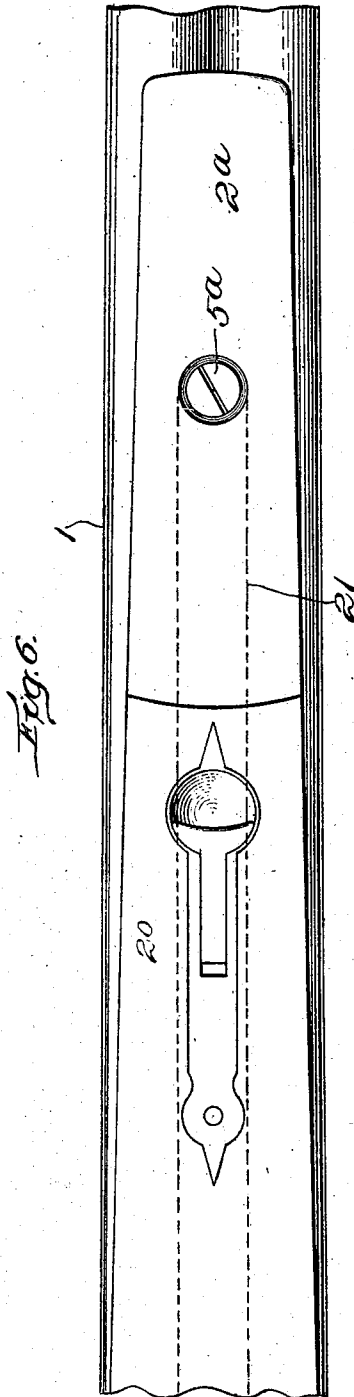


Frank A. Freeman
Inventor:
Ernest H. Hill
Attorney.

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2 SHEETS—SHEET 2.



Witnesses:
Samuel H. Hill
Carl P. Sweeten

Frank A. Freeman
Inventor:
by Ernest L. Hill
Att'y.

UNITED STATES PATENT OFFICE.

FRANK A. FREEMAN, OF MALDEN, MASSACHUSETTS.

HAND-GRIP FOR GUNS.

Specification of Letters Patent.

Patented Oct. 12, 1909.

936,528.

Application filed July 6, 1908. Serial No. 442,048.

To all whom it may concern:

Be it known that I, FRANK A. FREEMAN, of Malden, in the county of Middlesex and Commonwealth of Massachusetts, have invented an Improved Hand-Grip for Guns, of which the following is a specification, reference being had to the annexed drawings, in which—

Figure 1 is a side elevation of a shot gun having one form of my invention applied thereto. Fig. 2 shows on an enlarged scale and partly in section a portion of the gun shown in Fig. 1. Fig. 3 is an end view of the handle attachment hereinafter described.

Fig. 4 is a plan view of the handle attachment shown in Fig. 3. Fig. 5 is a side elevation of a portion of a shot gun showing another form of my invention. Fig. 6 is a bottom plan view of the parts shown in Fig. 5.

The object of my invention is to provide a suitable handgrip for firearms, such as shotguns, rifles and the like, to the end that they may be used with more freedom and range of movement than has heretofore been possible. To this end my improved handgrip for guns is made with a movable handle located beneath the barrel of the gun which may be grasped by that hand of the person using the gun which is stretched forward under the barrel of the gun. In the best form of my invention this handle is pivoted on an axis perpendicular to the axis of the barrel, or substantially so, so that in swinging the muzzle of the gun about as in following the flight of the target, the handle is free to move on its pivot and accommodate itself to the movements of the hand of the operator. Also the handle serves to protect the hand of the gunner from the heat of the barrel.

Having reference to the drawings, 1 represents the barrel of a double barreled shot gun, and 2 the pivoted handle. The handle 2 is bored transversely to receive a bushing 3 that is fastened within the handle by screws 4. Pivotaly mounted within the bushing 3 is a stud 5 to the upper end of which is fastened a bar 6, said bar being mounted upon the upper threaded end of the stud 5 and clamped in place against a shoulder on the stud at the base of the threads by a nut 7. To the sides of the bar 6 are pivoted at 12 four upwardly curved arms 8 which embrace the barrel 1 as shown in Fig. 3, said arms being arranged in pairs

with each pair clamped to the barrel 1 by means of a screw 9. In order to prevent marring of the barrel 1 and also to prevent the shock of the discharge of the piece from displacing or loosening the grip of the arms 8, each of the latter is provided at its free end with a tip 10 of rubber, or like cushioning material, in the form of a cap slipped on to the end of the arm 8. In order to have the handle 2 close to the barrel 1 so as to form in effect an extension of the stock said handle may be recessed as at 11 to receive the bar 6.

In using the gun described above the left hand of the operator grasps the handle 2 while the stock is placed against the shoulder and grasped by the right hand as usual. As will be clear the gun may be swung about with entire freedom of movement owing to the capacity of the handle 2 to rock on the stud 5. Also in aiming the gun the handle 2 is free to adjust itself to the position of the hand of the operator, instead of requiring as heretofore that the operator adjust his hand to the position of the barrel. Another advantage is that the handle 2 is practically insulated from the barrel which becomes heated through repeated firing and therefore a cool grip is provided for the hand thus doing away with the necessity of wearing a glove upon the left hand to shield it from the heat of the barrel as has heretofore been the custom.

In one type of shot gun in common use today that portion of the stock which extends forward under the barrel is made with a separately removable fore-piece which has a metal tongue extending lengthwise of it which carries the latch by which the fore-piece is secured in position. In Figs. 5 and 6 I have shown a gun of this type embodying my invention and in said figures 20 is the removable fore-piece and 21 the tongue. As herein shown the tongue 21 is extended beyond the fore-piece and tapped to receive a stud 5^a on which the handle 2^a swings laterally, the transverse bore of said handle being provided with a bushing 3^a. In this form of my invention while it is possible to remove the handle 2^a yet said handle is intended to be a permanent part of the gun structure and if desired the stud 5^a may be permanently secured to the tongue.

What I claim is:

1. The above described attachment for firearms comprising a handle, a bar pivot-

ally connected to said handle, clamp arms pivoted to said bar in one or more pairs, and means to clamp said arms to the barrel of the firearm.

- 5 2. In a firearm the combination with the barrel thereof of a handle arranged beneath said barrel and means connecting the handle to the forepart of the gun with provision for

normally free sidewise oscillating movement only of the handle relatively to the barrel said movement being in an axis perpendicular to the barrel.

FRANK A. FREEMAN.

Witnesses:

SAMUEL H. PILLSBURY,
CARL P. SWEETSER.