

G. C. BOURNE.
COMBINED GRIP AND SIGHT FOR FIREARMS.
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Fig. 1.

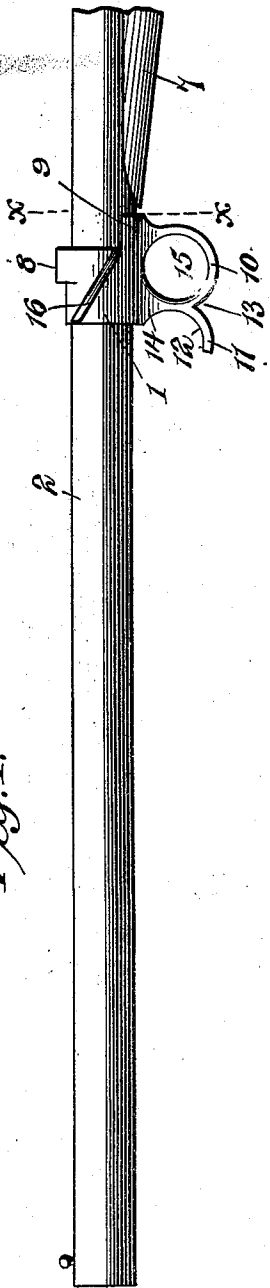


Fig. 3.

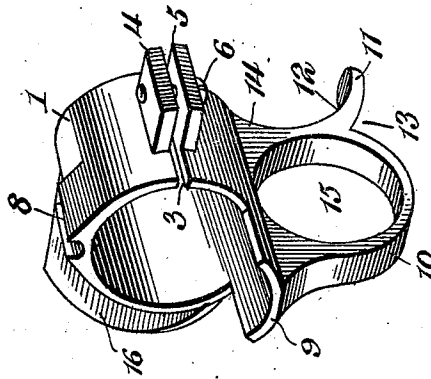
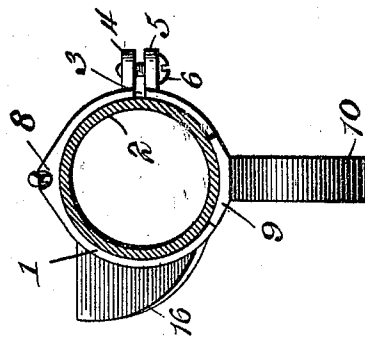


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE C. BOURNE, OF WORCESTER, MASSACHUSETTS.

COMBINED GRIP AND SIGHT FOR FIREARMS.

No. 898,178.

Specification of Letters Patent.

Patented Sept. 8, 1908.

Application filed August 16, 1907. Serial No. 388,928.

To all whom it may concern:

Be it known that I, GEORGE C. BOURNE, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Combined Grip and Sight for Firearms, of which the following is a specification.

The invention relates to a combined grip and sight for fire arms.

The object of the present invention is to improve the construction of grip attachments for fire arms, and to provide a simple and comparatively inexpensive combined grip and sight, designed for use on guns and rifles, especially 12, 14 and 16 gage shot guns, and capable of enabling a fire arm to be securely gripped by the left hand and firmly held against the shoulder, whereby the recoil of the fire arm may be controlled and more accurate aim secured.

A further object of the invention is to provide a device of this character adapted to enable a gun to be quickly sighted and accurately aimed at either a target or at a moving object, and capable of permitting the head of the marksman to be held well up so as to afford a clear view of the object.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—Figure 1 is a side elevation of a portion of a single barrel shot gun provided with a combined grip and sight, constructed in accordance with this invention. Fig. 2 is a transverse sectional view, taken substantially on the line $x-x$ of Fig. 1. Fig. 3 is an enlarged detail perspective view of the combined grip and sight.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

The combined grip and sight, which may be constructed of any suitable material, embodies a sleeve 1 fitted on the shot gun barrel 2 and having a slight interior taper to conform to the configuration of the barrel. The

sleeve is split at one side at 3, and is provided at opposite sides of the split portion with laterally projecting upper and lower lugs 4 and 5. The upper lug 4 is provided with a threaded perforation for the reception of a set screw 6, which pierces the lower lug 5. The set screw is adapted to be adjusted to clamp the sleeve tightly on the barrel 2. This construction enables the device to be readily transferred from one gun to another, but the splitting and the lugs may be omitted and the sleeve may be driven on or otherwise rigidly fixed to a gun barrel and constitute a permanent portion of the gun.

The device, which is arranged on the barrel adjacent to the fore-portion 7 of the stock of the gun, is provided at the top of the sleeve with a V-sight 8, consisting of a groove formed in a tapering enlargement or projecting portion. The sight, which has oppositely inclined side faces, extends from the rear end of the sleeve to a point about the center of the same, and it is adapted to be used in connection with a front pin or globe sight, and it will be found advantageous whether or not the gun be equipped with a rear sight, as it will enable a gun to be quickly and accurately aimed, while the head of the marksman is in a more elevated position than is possible with an ordinary rear sight. This will afford a clear view of the object aimed at and will enable quick accurate aim to be taken either at a target, or at a moving object, such as a bird on the wing, clay pigeon, or the like.

The sleeve is provided at the bottom with a rear extension 9, having a concave upper face forming a continuation of the inner face of the bottom of the sleeve to increase the bearing of the same at the bottom of the gun barrel and to accommodate a depending grip 10. The grip 10, which is substantially ring-shaped, is cast or otherwise formed integral with the sleeve, and it is provided at the lower portion with a front arm 11, curved downwardly and forwardly and forming a finger seat 12 and arranged at an angle to the bottom of the ring-shaped body portion of the grip 10 to provide a seat 13. The upper face of the arm 11 is concave, and the front of the body portion of the grip is enlarged at the top at 14 to form an extension of the seat 12, the front edge of the top extended portion 14 of the grip having the same curvature as and constituting a portion of the seat 12.

The opening 15 of the ring-shaped body of the grip 10 is also designed to receive one of the fingers of the left hand. In grasping the grip the first finger may be conveniently arranged on the seat 12, while the second finger is placed in the opening 15, or the first finger may be placed in the opening of the grip with the second finger in the seat 13. The grip is adapted to be grasped in a variety of ways, and the sleeve is provided at the left hand side with an inclined flange 16, extending downwardly and rearwardly and tapered at the bottom and arranged to receive and forming a seat or rest for the thumb. This construction enables the device to be gripped by both the fingers and the thumb, so that a gun may be held perfectly firm and steady to secure an accurate sight and to control the recoil. This will be found especially advantageous in the larger sizes or gages of shot guns. The inclined flange, which has a curved outer edge, may be arranged at either side of the sleeve to adapt the device for either a right or left hand gunner or marksman.

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

1. A device of the class described comprising a barrel-receiving sleeve provided at the top with a tapering enlargement having a central sight groove and extending forwardly from the rear end of the sleeve and terminating at a point between the front and rear edges thereof.

2. A device of the class described comprising a barrel-receiving sleeve provided at the top with a tapering enlargement having a central sight groove and extending forwardly from the rear edge of the sleeve and terminating at a point between the front and rear

edges thereof, and a grip depending from the sleeve.

3. A device of the class described comprising a barrel-receiving sleeve split at one side and provided thereat with adjustable means for clamping it on a barrel, a thumb rest or seat located at the opposite side of the sleeve, and a grip depending from the bottom of the latter.

4. A device of the class described comprising a barrel-receiving sleeve, a thumb rest located at one side of the sleeve and consisting of an inclined flange extending downwardly and rearwardly from the upper front portion of the sleeve, and a grip depending from the sleeve.

5. A device of the class described comprising a barrel-receiving sleeve having a rear extension, and a grip depending from the sleeve and the extension thereof and consisting of a substantially ring-shaped body provided at the front with an arm forming front and bottom finger seats.

6. A device of the class described comprising a barrel-receiving sleeve, a grip depending from the bottom of the sleeve, and a thumb rest or seat arranged at one side of the sleeve and having an inclined upper face.

7. A device of the class described comprising a barrel-receiving sleeve, a sight arranged at the top of the sleeve, a grip depending from the bottom of the sleeve, and a thumb rest or seat arranged at one side of the sleeve.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GEORGE C. BOURNE.

Witnesses:

A. AVERY WHITE.
WM. C. BREED.