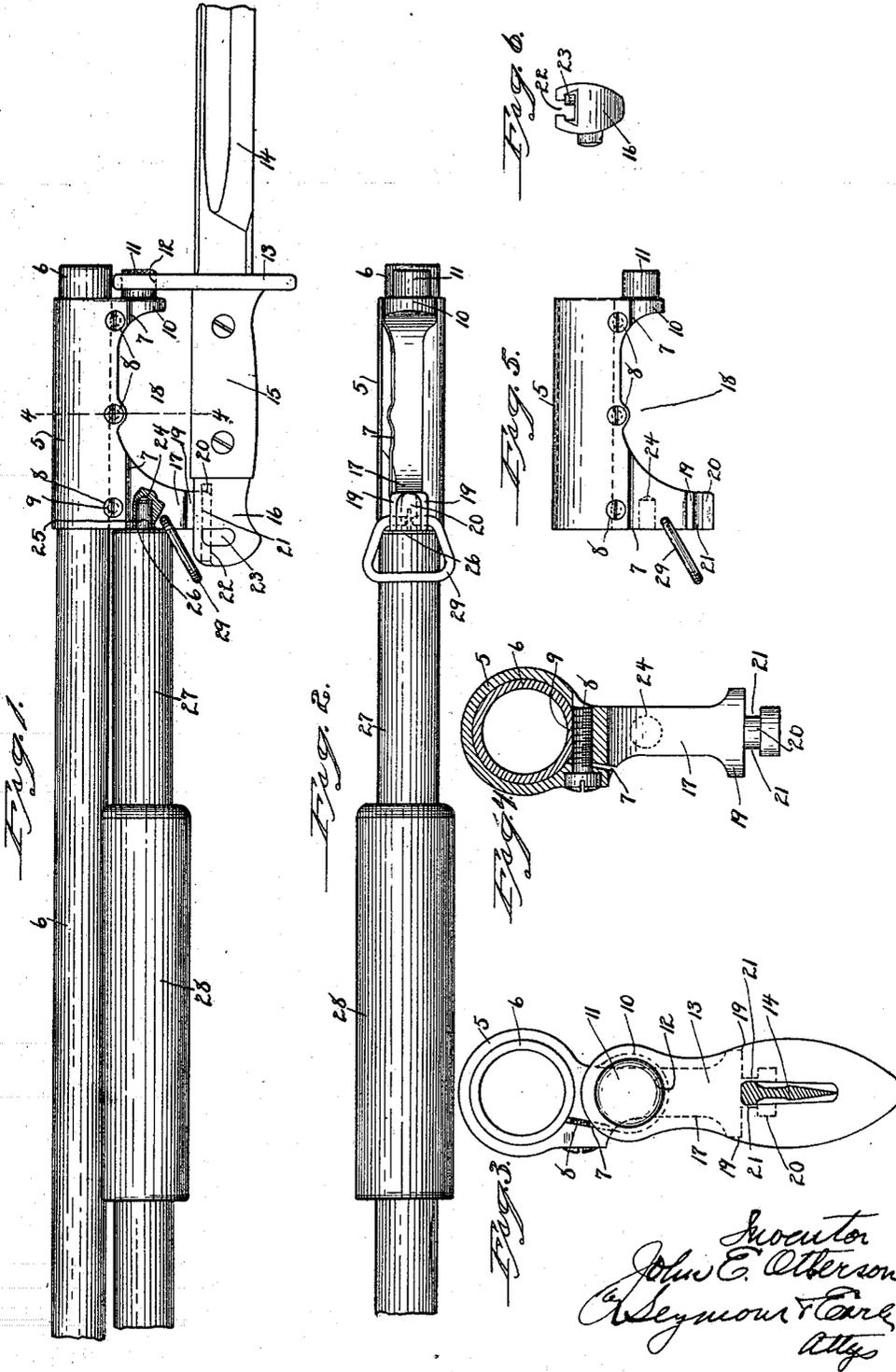


J. E. OTTERSON.  
BAYONET MOUNT FOR SHOULDER ARMS.  
APPLICATION FILED SEPT. 28, 1917.

1,260,021.

Patented Mar. 19, 1918.



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# UNITED STATES PATENT OFFICE.

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## BAYONET-MOUNT FOR SHOULDER-ARMS.

1,260,021.

Specification of Letters Patent.

Patented Mar. 19, 1918.

Application filed September 28, 1917. Serial No. 193,626.

*To all whom it may concern:*

Be it known that I, JOHN E. OTTERSON, a citizen of the United States, residing at New Haven, in the county of New Haven, and State of Connecticut, have invented a new and useful Improvement in Bayonet-Mounts for Shoulder-Arms; and I do hereby declare the following, when taken in connection with the accompanying drawings and the characters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this application and represent, in—

Figure 1 a broken view in side elevation of a shot gun provided with my improved bayonet-mount.

Fig. 2 a broken reverse plan view thereof.

Fig. 3 a view thereof in front elevation.

Fig. 4 a view thereof in vertical transverse section on the line 4—4 of Fig. 1, with the bayonet removed.

Fig. 5 a detached view in side elevation of the bayonet-mount.

Fig. 6 a detached view in rear end elevation of the pommel of the bayonet.

My invention has for its object to provide simple, compact, reliable and convenient means for applying a standard bayonet to a shot gun or rifle, as may be desired.

With these ends in view, my invention consists in a self-contained bayonet-mount adapted to be installed directly upon and solely supported by the muzzle-end of a gun-barrel and to have a bayonet removably mounted upon it.

My invention further consists in a self-contained bayonet-mount adapted to be installed directly upon and solely supported by the muzzle-end of a gun-barrel and formed at its forward end with a forwardly projecting guard-mounting stud, and at its rear end with a depending pommel-mounting fastening lug.

My invention further consists in a self-contained bayonet-mount having certain details of construction and combinations of parts as will be hereinafter described and pointed out in the claims.

In carrying out my invention, as herein shown, I employ a bayonet-mount consisting of a sleeve 5 adapted in internal diameter to be slipped over the muzzle-end of a shot-gun barrel 6, and slit throughout its length, on one side of its longitudinal center as at 7, to adapt it to be clamped directly

upon and supported solely by the barrel, for which purpose transversely arranged clamping-screws 8 are employed, these clamping-screws being positioned to engage with the under face of the barrel as at 9, as clearly shown in Fig. 4, so as to prevent the mount from either longitudinal or lateral displacement upon the barrel after its installation thereupon.

At its forward end the sleeve is formed with a centrally depending lug 10 from which a heavy guard-mounting stud 11 extends forward in a line parallel with the axis of the barrel, this lug being adapted in size to enter a circular opening 12 of slightly larger diameter, in the projecting upper end of the guard 13 of an ordinary bayonet having, as shown, a blade 14, a grip 15, and a pommel 16. By preference the bayonet will be of standard construction and dimensions.

The rear end of my improved bayonet-mount is formed with a centrally depending pommel-mounting lug 17 longer than the lug 10 at the forward end of the mount and separated therefrom by a shaped hand-clearance space 18. The said lug 17 is formed at its lower end with two horizontal bearing-flanges 19 and with a T-shaped pommel-locking head 20 separated from the said flanges 19 by parallel grooves 21 running lengthwise with the gun, the said T-shaped head being adapted to enter the usual rearwardly opening T-shaped slot 22 formed in the pommel 16 of the bayonet near the upper face thereof. As shown, the pommel of the bayonet is provided with a transversely arranged sliding bayonet-catch 23 which engages when the bayonet is mounted, with the rear edge of the T-shaped head 20 for securing the bayonet in place.

As shown, the pommel-mounting lug 17 is formed in its rear face with a socket 24 for the reception of a magazine-supporting stud 25 which projects forward from the center of a cap 26 in the forward end of a tubular magazine 27 mounting a sliding forearm 28 and located directly below the gun-barrel 6. The lug 17 also carries, as herein shown, a sling-strap loop or swivel 29. To mount the bayonet, the opening 12 in its guard 13 is brought into line with the stud 11 of the bayonet-mount and at the same time the T-shaped slot 22 in its pommel 16 is brought into line with the T-shaped head 20 thereof, after which the bayonet is

moved rearwardly so as to engage its guard and pommel with the said stud and head. The bayonet is then locked in its mounted position by means of its bayonet-catch 23. To demount the bayonet, the catch 23 is moved into its unlocking position after which the bayonet is slid forward so as to disengage its guard 13 and pommel 16 from the stud 11 and pommel-locking head 20.

By means of my improved self-contained bayonet-mount, I am enabled very readily and without changing the arm in any other respect, to convert a shot gun or a rifle, into a bayonet gun. Thus, an ordinary shot gun may, by means of my bayonet-mount, be readily converted into a riot gun, while an ordinary or sporting rifle may be very readily converted into a trench-fighting weapon.

On account of its particular construction, my improved bayonet-mount is especially adapted for use on shot guns, since it positions the blade of the bayonet well away from the shot which begin to spread immediately upon leaving the muzzle-end of the barrel. By adapting my improved self-contained bayonet-mount to be clamped directly upon and supported by the naked muzzle-ends of the barrels of shoulder arms, it adjusts itself to a considerable range of external diameters in the muzzle ends of such barrels. My intention is, that my improved bayonet-mount shall fit a standard bayonet, rather than that the bayonet shall be in any way changed in construction to fit the mount.

I claim:—

1. A self-contained bayonet-mount adapted to be directly applied to the muzzle-end of a gun-barrel and comprising a split sleeve

constructed to be passed over the muzzle-end of the gun-barrel and clamped thereupon, the said sleeve being provided at its respective ends with means for engagement by the guard and pommel of a bayonet.

2. A self-contained bayonet-mount adapted to be applied to the muzzle-end of a gun-barrel and provided at its respective ends with means for mounting the guard and pommel of a bayonet, its rear end being also adapted to support the forward end of the tubular magazine of the gun.

3. A self-contained bayonet-mount adapted to be applied directly to the muzzle-end of the barrel of a gun and provided at its forward end with a guard-mounting stud, and at its rear end with a pommel-fastening lug and adapted at its rear end to support the forward end of the tubular magazine of a gun.

4. In a gun, the combination with the barrel and magazine thereof, of a self-contained bayonet-mount adapted to be applied directly to the muzzle-end of the said barrel and provided at its respective ends with means for mounting the guard and pommel of a bayonet, and also adapted at its rear end, to support the forward end of the said magazine which forms an abutment, whereby the mount is prevented from rearward displacement when the bayonet is in use.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

JOHN E. OTTERSON.

Witnesses:

CLYDE R. YATES,  
THOMAS C. JOHNSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."