

Feb. 26, 1924.

1,485,064

J. F. BERGER

SHOTGUN RIB

Filed April 21, 1923

Fig. 1.

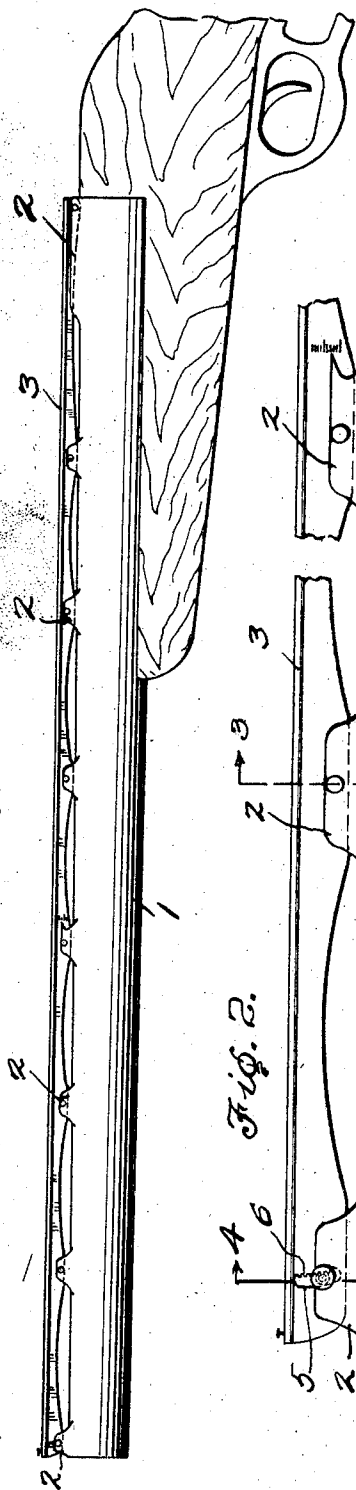


Fig. 2.

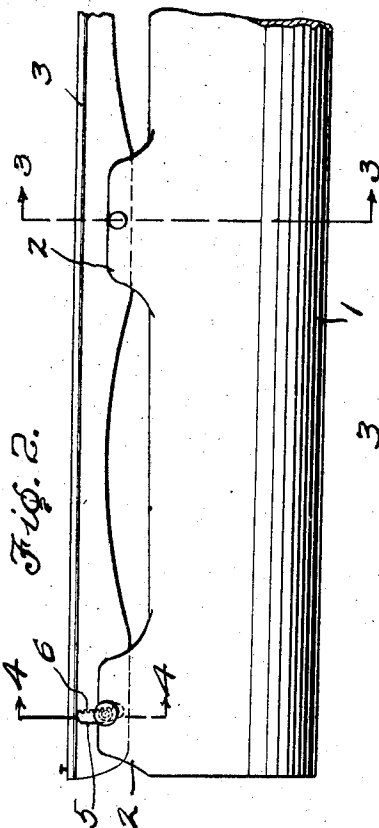
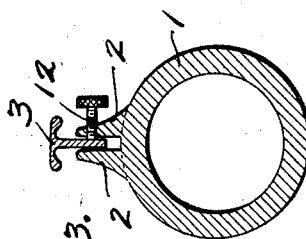
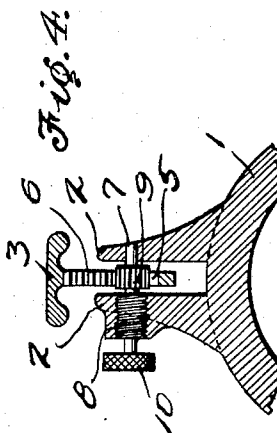


Fig. 3.



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## UNITED STATES PATENT OFFICE.

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## SHOTGUN RIB.

Application filed April 21, 1923. Serial No. 633,738.

*To all whom it may concern:*

Be it known that I, JOHN F. BERGER, a citizen of the United States, residing at Trenton, in the county of Mercer and State of New Jersey, have invented certain new and useful Improvements in a Shotgun Rib, of which the following is a specification.

The present invention relates to a shot gun rib and has for its principal object to provide a device which is easily manipulated on a shot gun so that the user thereof may sight directly upon the target without the necessity of aiming above or below the target to take care of the distance. In most shot guns when using them for trap shooting it is necessary to shoot below the target because of the closeness thereof as the shot guns have their ribs permanently adjusted for firing at a longer distance and the present device will overcome this as the sight may be regulated to accommodate both short and long distances.

Another important object of the invention is to provide a shot gun with an adjustable rib which will be simple and efficient in construction, reliable, inexpensive, durable, and well adapted to the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description progresses, the invention resides in certain novel features of construction and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawing—

Figure 1 is a fragmentary side elevation of a shot gun embodying my invention.

Figure 2 is a fragmentary enlarged elevation of the barrel thereof, and

Figures 3 and 4 are transverse sections taken substantially on the lines 3—3 and 4—4 of Figure 2 respectively.

Referring to the drawing in detail it will be seen that the barrel 1 of the shot gun may be of conventional construction or any other preferred construction except that it is provided with a series of lugs 2 which are arranged in spaced pairs. A rib 3 which is substantially T-shaped in cross section has its lower portion pivoted to the pair of lugs 2 adjacent the breech end of the barrel. This portion of the rib 3 is slotted transversely adjacent the pair of lugs 2 at the

muzzle end of the barrel 1. One edge of this slot 5 is provided with a series of teeth 6. A shaft 7 is journaled in one of the lugs 2 at the muzzle end of the barrel and in a screw block 8 in the other or opposite lug 2. Between said lugs on the shaft 7 there is disposed a pinion 9 engaged with the teeth 6. The outer end of the shaft 7 is provided with a gnarled knob 10 whereby the shaft may be rotated for elevating or lowering the forward end of the rib 3. As is disclosed to advantage in Figure 3 the intermediate lugs 2 are provided with thumb screws 12 which may be brought into binding engagement with the lower portion of the rib 3 thus locking the rib securely in place.

The construction and operation of the device should be now clearly understood without a more detailed description thereof. I have, in the present instance, shown and described the preferred embodiment of the device which will give in practice satisfactory and reliable results, and it is to be understood that the same is susceptible of modification in various particulars without departing from the spirit or scope of the invention or sacrificing any of its advantages.

Having thus described my invention what I claim as new is:—

1. In combination, a gun barrel, a rib extending longitudinally with the barrel and pivoted to the breech end thereof, and means at the muzzle end of the barrel for raising and lowering the muzzle end of the rib in the manner and for the purpose specified.

2. In combination, a gun barrel, a plurality of guide lugs on the gun barrel, a sight rib extending longitudinally of the gun barrel, and pivoted to the lugs adjacent the breech end thereof, a shaft rotatable in the lugs at the muzzle end of the barrel, a pinion on said shaft, a slot in the rib for receiving the pinion on said shaft, said slot being provided with teeth engaging said pinion whereby said shaft may be rotated for raising or lowering the muzzle end of the rib in the manner and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN F. BERGER.

Witnesses:

FRANK PUYLIESE,  
JACOB GAREY.