

No. 688,389.

Patented Dec. 10, 1901.

R. P. CORY.  
CHOKE ATTACHMENT FOR GUNS.

(No Model.)

Fig. I.

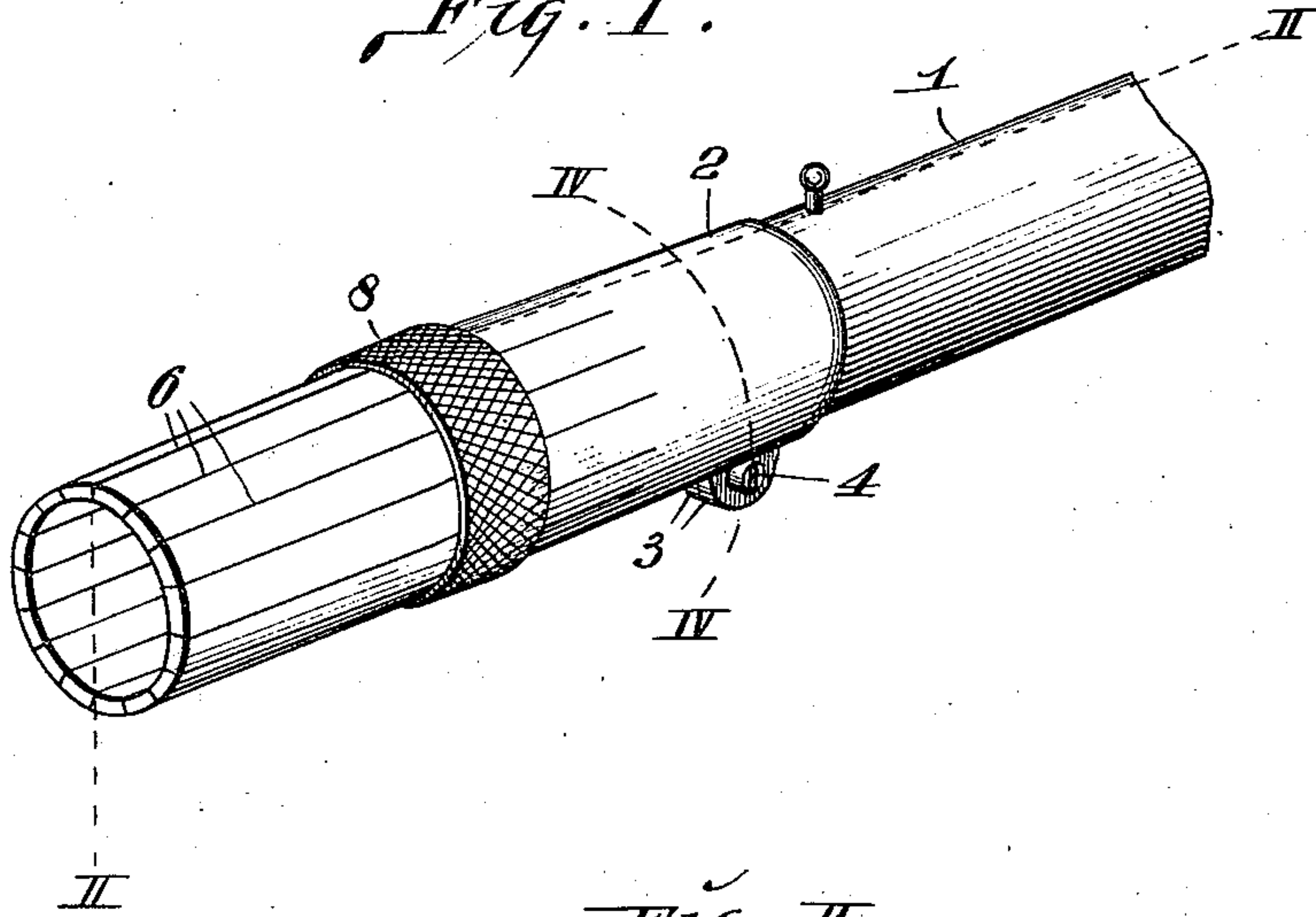


Fig. II.

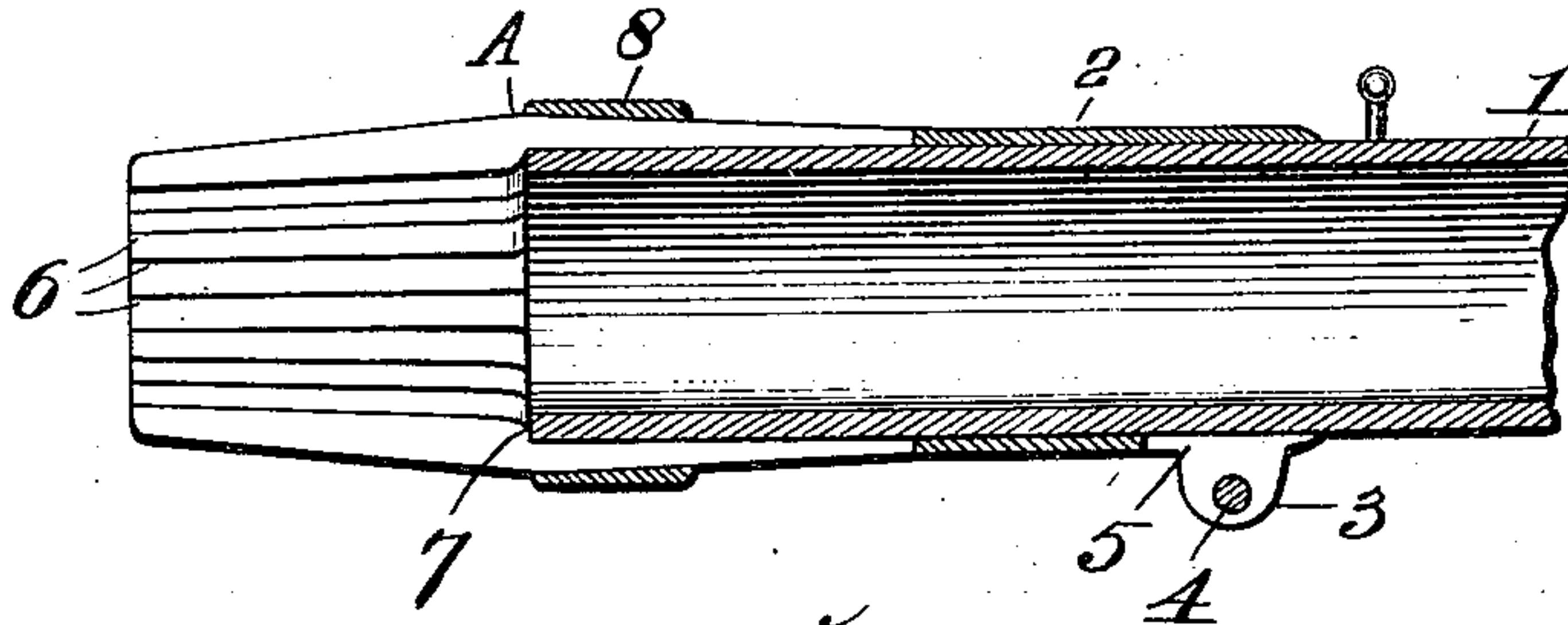


Fig. III.

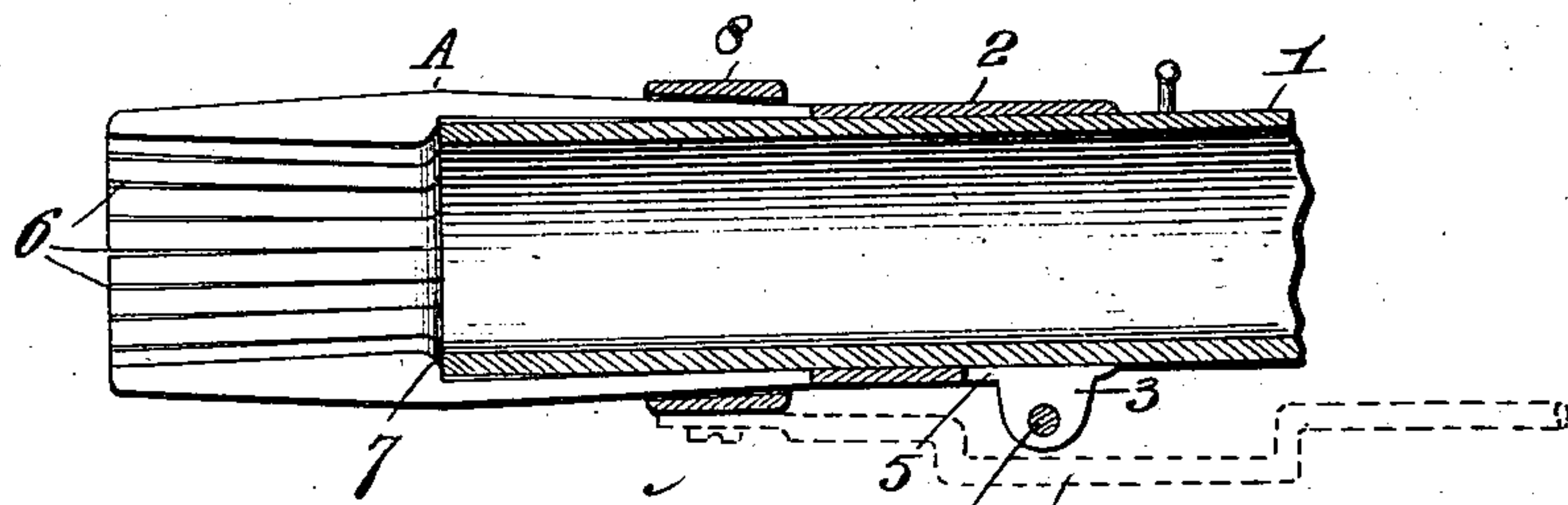
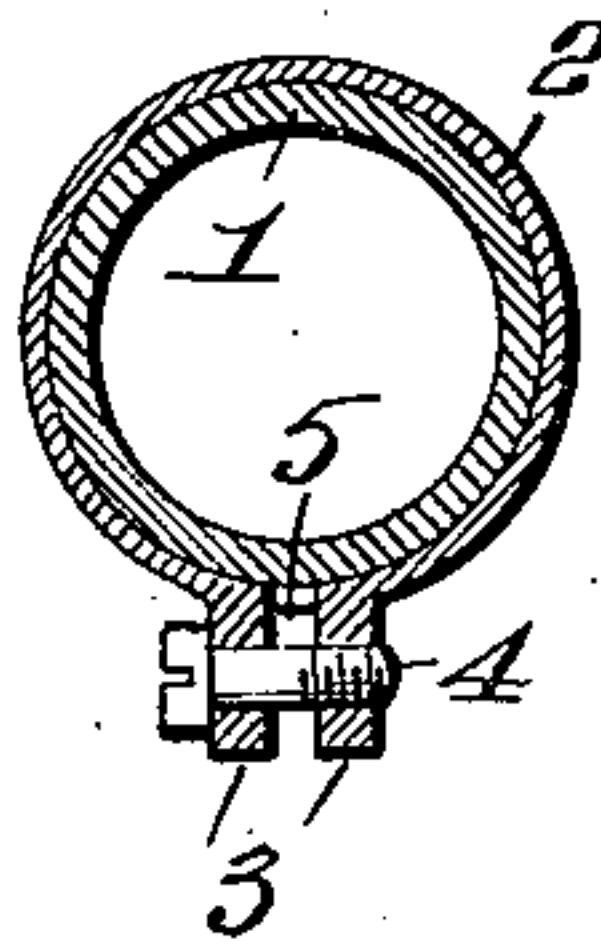


Fig. IV.



attest:  
M. T. Smith  
E. Knight

Inventor:—  
R. P. Cory:—  
By Thayer, Bro  
Attys.



# UNITED STATES PATENT OFFICE.

RANDOLPH P. CORY, OF ST. LOUIS, MISSOURI, ASSIGNOR OF FORTY-NINE ONE-HUNDREDTHS TO JULES BARON, OF ST. LOUIS, MISSOURI.

## CHOKE ATTACHMENT FOR GUNS.

SPECIFICATION forming part of Letters Patent No. 688,389, dated December 10, 1901.

Application filed April 15, 1901. Serial No. 55,892. (No model.)

*To all whom it may concern:*

Be it known that I, RANDOLPH P. CORY, a subject of the King of Great Britain and Ireland, residing in the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Attachments for Guns, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

The object of my invention is to provide an attachment for gun-barrels that can be quickly and easily changed from an open to a choke bore and which can be readily replaced by another like attachment, the construction being such that the change can be made from an open to either a partial or full choke.

With this object in view my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a perspective view showing part of a gun-barrel with my attachment applied. Fig. II is a longitudinal section taken on the line II II, Fig. I, showing the attachment in its choked position. Fig. III is a like view showing the attachment in its open position. Fig. IV is a transverse section taken on line IV IV, Fig. I.

Referring to the drawings, 1 represents the muzzle end of a gun-barrel. Secured to the end of the barrel is a sleeve 2, that fits over the barrel and is held thereto by any suitable means. I have shown it held to the barrel by being clamped thereto through means of ears 3 on the sleeve, through which passes a set-screw 4, the inner end of the sleeve being formed with a slot 5 between the ears, so as to permit the inner end of the sleeve to be drawn tightly around the barrel by adjusting the screw 4. The outer portion of the sleeve is formed with slits 6, that preferably extend back about two-thirds the distance of the length of the sleeve, as shown in the drawings. The sleeve has an internal shoulder 7, that fits against the end of the barrel. Fitting over the sleeve is a slip-ring 8. The sleeve has a slight inward taper from the point A, so that as the ring 8 is moved outwardly it will close the slits in the sleeve and cause that portion of the sleeve that extends beyond the end of the barrel to assume a

smaller diameter than the bore of the barrel, thereby forming the choke to the gun. The slits 6 are preferably tapering, being largest at their outer ends, so that when the ring 8 is moved to its outer position, as shown in Figs. I and II, the opening in the outer end of the sleeve tapers slightly, being smallest at its outer end. When the ring is moved back to the position shown in Fig. III, the outer end of the sleeve springs open, so that its interior diameter is larger than the bore of the gun, and thus the choke is entirely removed. By moving the ring part way back a partial choke is provided, so that the gun can be shot either with an open barrel, a full choke, or a partial choke.

The ring 8 can either be moved by grasping it in the hand, or, if preferable, a push-bar 9 (shown by dotted lines in Fig. III) may be employed, this bar extending back to or near the breech of the gun, where its inner end would be supported by any suitable means.

I am aware that it has been proposed to slit the outer end of the muzzle of a gun-barrel and provide the same with a slip-ring, so that the outer end of the barrel may be contracted to produce a choke; but my invention is differentiated from such a construction in that it does not form an integral part of the barrel, and when the gun is being shot with an open bore the slits 6 are not liable to become filled with lead, as this portion of the sleeve is at such times larger than the bore of the gun. Moreover, the sleeve can be readily applied to any gun in use and can be as readily removed and replaced by another when the choke wears away by use.

I claim as my invention—

1. An attachment for gun-barrels consisting of a sleeve having a slitted outer portion, and which is adapted to be attached to the barrel, and means for contracting the outer end of the sleeve, substantially as set forth.

2. An attachment for gun-barrels consisting of a sleeve having tapering slits in its outer portion and provided with means for attachment to a gun-barrel, and a slip-ring fitting over the sleeve, substantially as and for the purpose set forth.

3. An attachment for gun-barrels consisting of a sleeve having its outer portion formed



with tapering slits and which is adapted to be attached to a gun-barrel, and means for contracting the outer end of the sleeve, substantially as set forth.

- 5 4. An attachment for gun-barrels consisting of a sleeve having slits formed in its outer portion and provided at its inner end with a clamp for attaching it to the barrel, and a slip-ring fitting over the sleeve, substantially as set forth.

- 10 5. An attachment for gun-barrels consist-

ing of a sleeve having slits formed in its outer portion, and having a shoulder adapted to fit against the end of the barrel, means for securing the sleeve to the barrel, and a 15 slip-ring fitting over the sleeve, substantially as and for the purpose set forth.

RANDOLPH P. CORY.

In presence of—  
E. S. KNIGHT,  
M. P. SMITH.