No. 728,302. PATENTED MAY 19, 1903.

B. ROBBINS.

GUN BARREL PROTECTOR.

APPLICATION FILED MAY 29, 1902.

NO MODEL.

Fig. 1.

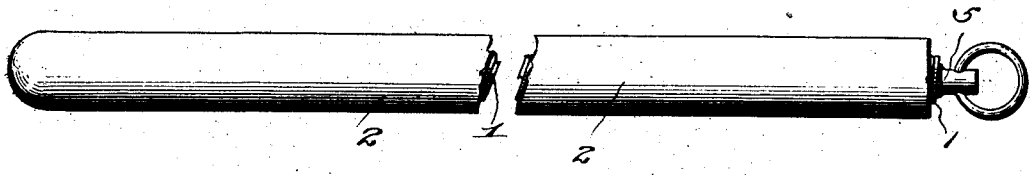


Fig. 2.

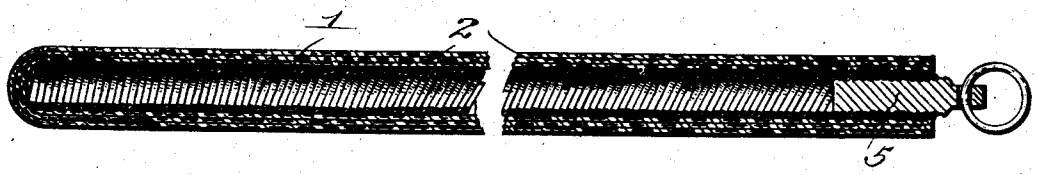


Fig. 3.

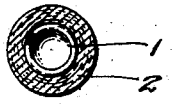
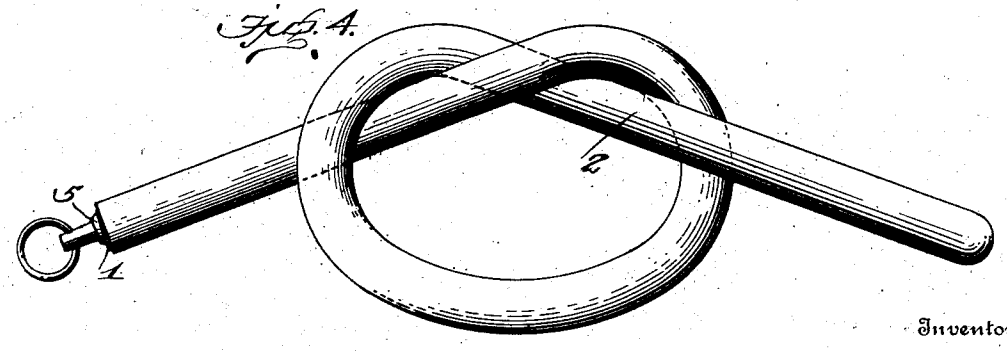


Fig. 4.



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Witnesses

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No. 728,302. Patented May 19, 1903.

UNITED STATES PATENT OFFICE.

BENTON ROBBINS, OF CASSVILLE, MISSOURI.

GUN-BARREL PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 728,302, dated May 19, 1903.

Application filed May 29, 1902. Serial No. 109,470. (No model.)

To all whom it may concern:

Be it known that I, BENTON ROBBINS, a citizen of the United States, residing at Cassville, in the county of Barry and State of Missouri, have invented certain new and useful Improvements in Gun-Barrel Protectors; and I do declare the following to be a full, clear, and and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to gun-barrel protectors of that character adapted to be inserted into the barrel of a gun to exclude therefrom moisture, and thereby prevent the bore of the barrel from becoming rusted and pitted.

The object of the invention is to provide a device of this character which shall be simple of construction, durable in use, comparatively inexpensive of production, and which is capable of being folded into small compass, so as to permit it to be carried in the gun-case or in the pocket.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out it the appended claim.

In the accompanying drawings, Figure 1 is a side elevation of the device. Fig. 2 is a longitudinal sectional view. Fig. 3 is a cross-sectional view, and Fig. 4 is a side elevation showing the device tied in a knot to enable it to be conveniently carried in the coat-pocket.

Referring to the drawings, 1 denotes a coiled spring, preferably of a length to correspond to the length of the gun-barrel and having its coils or convolutions relatively closely arranged or contacting.

2 denotes a sheath or covering made of absorbent flexible material and of a length corresponding to the length of said spring. This sheath or covering is open at one end and closed at the other and is frictionally secured to the spring, as shown in Fig. 2 of the drawings, and in diameter is adapted to be equal to or greater than the diameter of the gun-barrel within which it is adapted to be placed.

5 denotes a plug exteriorly screw-threaded. This plug is screwed to the outer end of the coiled spring, the coils of said spring at that end forming threads of the plug. The plug may be provided with a ring or other form of handle whereby the device may be easily withdrawn from the gun-barrel.

The device is adapted to be saturated with melted vaseline or gun-grease, preferably by unscrewing the plug and pouring the lubricant into the bore of the spring, through the coils of which it will pass and be absorbed by the sheath.

In practice the device is inserted into the gun-barrel and left there until the gun is to be used, the implement being of the proper size to fill the barrel closely, thus keeping the oil constantly in contact with the inner surface of the barrel, whereby all moisture is excluded and the bore of the barrel protected from rusting and pitting. A gun after it has been used for shooting may without being cleaned be put away and kept for weeks with perfect safety against rust or pits by using this instrument, while without its use the gun may be thoroughly cleaned and put away and then gather moisture and rust and become pitted.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of the invention will be readily understood without requiring an extended explanation.

Various changes in the form, proportion, and details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

In a device of the character described, the combination with an absorbent sheath open at one end and closed at the other, of a

tightly-fitting closely-coiled spring arranged within said sheath and of a length corresponding to the length of said sheath, and a screw-threaded plug adapted to be screwed into the open end of the said sheath into the coils of the spring which act as a thread for said plug, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

BENTON ROBBINS.

Witnesses:
P. E. HORINE,
L. F. JONES.