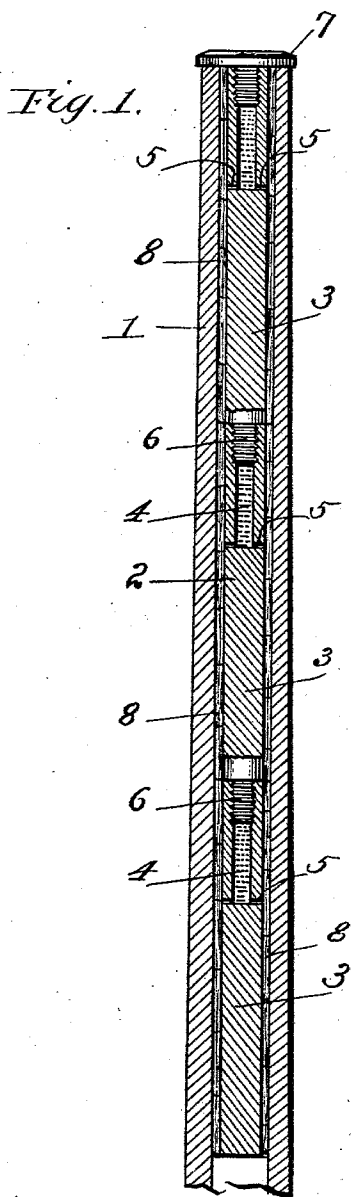
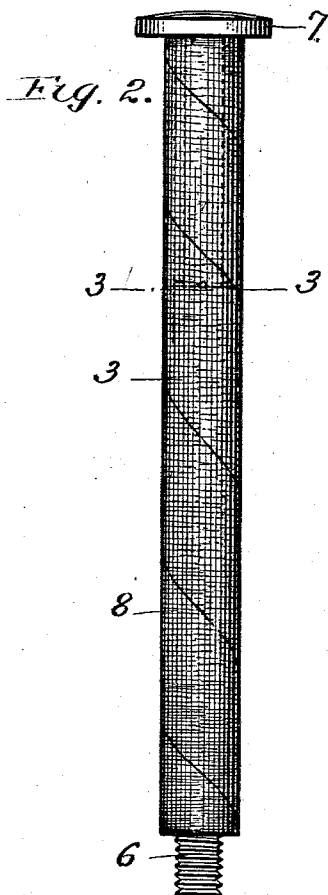
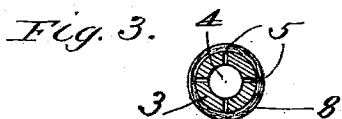


No. 739,653.

PATENTED SEPT. 22, 1903.

J. C. DALRYMPLE.
OILER FOR GUN BARRELS.
APPLICATION FILED MAY 2, 1903.

NO MODEL.



WITNESSES:

Edwin L. Yewell
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INVENTOR

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UNITED STATES PATENT OFFICE.

JAMES C. DALRYMPLE, OF MOBILE, ALABAMA.

OILER FOR GUN-BARRELS.

SPECIFICATION forming part of Letters Patent No. 739,653, dated September 22, 1903.

Application filed May 2, 1903. Serial No. 155,253. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. DALRYMPLE, a citizen of the United States, residing at Mobile, in the county of Mobile and State of Alabama, have invented certain new and useful Improvements in Oilers for Gun-Barrels, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a longitudinal sectional view showing the device inserted in a gun-barrel; Fig. 2, a detail elevation of one section of the oiler, and Fig. 3 a transverse sectional view taken on the line 3 3 of Fig. 2 through the oil-distributing ports.

The main object of this invention is to provide a simple device to be inserted in a gun-barrel after the same has been cleaned to keep the interior of the barrel oiled, and thereby prevent it rusting.

Another object of the invention is to form such a device in sections, whereby when it is not in use it may be readily inclosed in a small protecting-cover.

A further object of the invention is to provide such an oiling device with small oil-reservoirs at different points in its length and to provide means for very slowly distributing the oil therefrom along the interior of the gun-barrel.

Other and equally important objects will appear hereinafter.

Referring to the various parts by numerals, 1 designates the gun-barrel, and 2 the oiler therein. This oiler is composed of a substantially rigid rod formed in sections 3. As shown in the drawings, there are three sections; but it is obvious that there may be any desired number. Each section at its upper end is bored longitudinally to form an oil-reservoir 4, and at the bottom of each oil-reservoir are formed lateral distributing-ports 5, through which the oil is gradually distributed to the exterior of the section. The upper part of each oil-reservoir is threaded to receive the threaded extension 6 of the adjoining section, whereby the sections may be joined together. This threaded extension 6 also serves as a closure for the oil-reservoir in the top of the adjoining lower section. In the reservoir of the upper section is screwed a button 7, which serves to close said reser-

voir and to act as a stop to prevent the oiler dropping entirely within the gun-barrel, the head of said button being larger in diameter than the bore of the gun.

To the exterior of each section of the oiler is secured a covering 8, of suitable absorbent material, which acts as an oil-distributor and prevents the too free escape of oil through the oil-distributing ports 5. As shown in the drawings, this absorbent material is in the form of a strip of fabric which is wound spirally around the section and suitably secured thereto. It is evident, however, that it may be secured to the section in any suitable manner and that it may be in any suitable form. The oiler is preferably of such diameter that when it is inserted in the gun-barrel the absorbent material will entirely fill the same and be in contact with practically the entire interior surface thereof.

This device is designed to be placed in the gun-barrel after the same has been cleaned and when the gun is not in use, and the purpose of it is to keep the interior of the barrel well oiled and to thereby prevent it rusting. It will be readily understood that the absorbent covering of the sections will retain the oil for a great length of time and will evenly distribute the same along the interior of the barrel.

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

1. An oiler for gun-barrels formed of a plurality of sections, each section being formed at its upper end with an oil-reservoir threaded at its upper end to receive the threaded end of the adjacent section, the threaded end of one section serving as a closure for the top of the reservoir of the adjacent lower section, and a closure for the reservoir in the upper section, said closure being of larger diameter than the diameter of the oiler, ports formed in each section at the bottom of each reservoir, and oil-distributing material secured to the exterior of each section and extending longitudinally thereof.

2. An oiler for gun-barrels comprising, rigid sections adapted to be detachably secured together, each section being formed with an independent oil-reservoir, absorbent material covering the exterior of each section, and

ports formed in each section and serving to permit the oil to pass from the reservoir therein to the absorbent material.

3. An oiler for gun-barrels formed of a plurality of sections, each section being formed at its upper end with an oil-reservoir said reservoir being threaded at its upper end to receive the threaded lower end of the adjacent section, the threaded end of one section serving as a closure for the top of the reservoir of the adjacent section, a closure for the reservoir in the upper section, ports formed in

each section at the bottom of each reservoir, and oil-distributing material secured to the exterior of each section, and extending longitudinally thereof. 15

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, this 21st day of January, 1903.

JAMES C. DALRYMPLE.

Witnesses:

CHAS. J. CUSTER, Sr.,
W. C. CLAIBONE.