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GUN CLEANING AND OILING ROD.

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To all whom it may concern:

Be it known that I, JOSEPH A. HEIMAN, a citizen of the United States, residing at Baileyville, in the county of Nemaha and State of Kansas, have invented certain new and useful Improvements in Gun Cleaning and Oiling Rods, of which the following is a specification.

This invention has reference to improvements in gun cleaning and oiling rods and its object is to provide a collapsible rod which may be extended to a suitable length for cleaning and oiling the interiors of gun barrels.

In order to effect the cleaning and oiling operations, there is provided a telescoping rod or tube made up of a suitable number of sections telescoping one into the other and provided with means whereby the rods may be drawn out and locked in the extended position so that a washer of suitable material may be mounted in one end of the extended rod to be moved into and out of the gun barrel and remove any accumulations from within the gun barrel.

In order to facilitate the cleaning operation, the washer employed may be made of felt or like material capable of absorbing oil or the like, whereby the introduction of the oil by the washer will cause a spreading of the oil and its deposition upon the inner walls of the gun barrel being cleansed.

At one end of the implement there is provided a housing or socket in which is located a removable holder for a plurality of the felt washers, whereby there is always present in the holder, such felt washers as are needful for the operation.

The means for holding the cleaning and oiling implement in the extended position, are such that while the implement is held safely in the extended position while being used, it may also be reduced very materially in length so as to facilitate carrying the rod in a gun cleaning kit.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawings, forming a part of this specification, with the understanding that the invention is not confined to any strict conformity to the showing of the drawing, but may be changed and modified so long as such changes and modifications mark no material departure from the salient features of the invention as expressed in the appended claim.

In the drawings—

Figure 1 is a perspective view of a gun cleaning and oiling rod constructed in accordance with the invention and shown in the extended position.

Fig. 2 is a longitudinal section of the butt end of the rod.

Fig. 3 is a partially longitudinal section, with some parts in elevation, of the rod.

Referring to the drawings, there is shown a telescoping rod 1 made up of a plurality of sections 2 shown in the drawings as three in number, but it is to be understood that the number of sections may be greater or less than three, as desired.

The sections of the rod are made of sheet metal of suitable gage and of suitable diameter to telescope one into the other in succession. Each section may increase proportionately in size from the forward end to the butt end of the cleaning implement and each section is connected to the next larger section by means of a catch 3, which, while not necessarily so, may resemble a spring catch such as is employed in connection with umbrella rods.

At the forward end of the rod in the outer end of the smallest section thereof, there is located a plug 4 having an internal screw threaded socket 5 for receiving an externally threaded stem 6, or this stem may be otherwise constructed than shown.

The stem 6 carries a shouldered expansion 7 constituting an abutment for a washer 8, and the stem 6 has an axial extension 9 which is also externally screw threaded.

Adapted to the surface stem 9 is a nut 10 which, when the washer 8 and nut 10 are applied to the stem 9, serve to clamp the felt or other like washer 8 firmly in position.

The butt end of the cleaning and oiling rod is seated in a handle 11, to which it may be firmly secured.

The handle 11 is formed at its rear end with a bore 12 of appropriate length and size to receive and hold a stack 13 of felt or like washers.

Preferably the stack of washers 13 is composed of numerous washers of various sizes for different purposes, and the showing in Fig. 2 is intended to represent such a composite stack of washers so as to be applied to different uses as may be desired.
The stack 13 of washers is held in the cavity 12 by means of a plug 14 with the outer end 15 milled or otherwise roughed to facilitate the screwing of the plug into place or its removal from the handle 11. When it is desired to use the gun cleaning and oiling rod, the plug 14 is removed to give access to the washers 13, one or more of which may be removed as deemed necessary. Then the nut 10 is removed and a washer 8 is placed on the stem 9 and the nut 10 is screwed onto the stem 9 so as to hold the washer in place. Now a sufficient amount of oil is placed upon the washer so that when the rod with the washer is introduced into a gun barrel, the oil may be distributed in the bore of the gun, cleaning such bore and at the same time coating it with oil.

The cleaning and oiling rod is then drawn outwardly either to its full extent or partially thereto and the sections are made to engage one in the other by the lock 3. When the cleaning is finished the sections 2 or part of them may be telescoped together and the whole rod collapsed to its shortest length.

The device is of extreme simplicity and of such cheap construction that it may be manufactured at small cost. Also the felt washers are of such cheap construction that they may be discarded and replaced by new washers at any time desired.

What is claimed is:

A gun cleaning and oiling rod comprising a hollow handle with a closure at one end, a telescoping hollow rod with coacting catches at the meeting ends to hold the rod in either the extended or contracted condition, and a plug at the outer end of the smaller extremity of the small section of the rod, having an internal screw thread and a screw stem with a shouldered expansion, and a nut applied thereto to clamp a cleaning washer to the plug.

In testimony whereof, I affix my signature hereto.

JOSEPH A. HEIMAN.