

937,729.

Fig. 1.

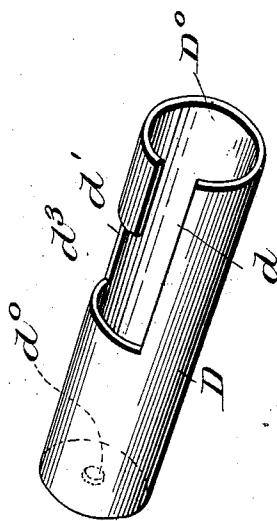


Fig. 3.

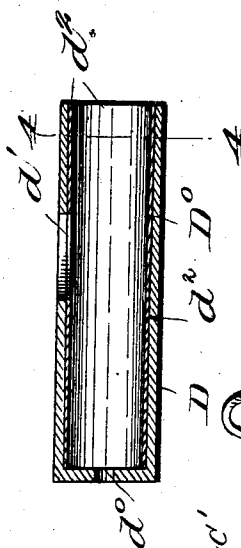


Fig. 2.

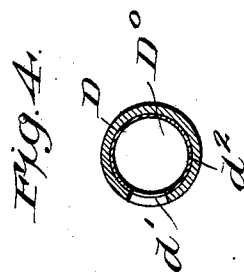


Fig. 4.

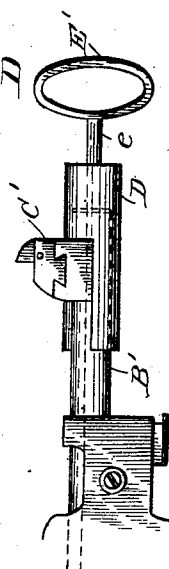


Fig 5.

Witnesses
W. May. D. Small.
Geo. V. Dwyer.

Inventor
John S. Uphaus,
by Melkenan, Fisher & Witherspoon,
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN S. UPHAM, OF THE UNITED STATES ARMY.

GUN-CLEANING IMPLEMENT.

937,729.

Specification of Letters Patent.

Patented Oct. 19, 1909.

Application filed April 7, 1909. Serial No. 488,455.

To all whom it may concern:

Be it known that I, JOHN S. UPHAM, a citizen of the United States, and a second lieutenant in the Fifteenth Infantry of the U. S. Army, stationed at Fort Douglas, Utah, have invented certain new and useful Improvements in Gun-Cleaning Implements; and I do hereby declare the following to be a full, clear, 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.

My invention relates to improvements in gun cleaning implements, and it consists of a device adapted to be attached to the muzzle of a rifle, pistol, or other similar firearm, carrying a brush, which brush is centered in the bore of the piece by the device, and may be conveniently manipulated without any injury to the rifling on the interior, or to the exterior of the barrel.

My invention will be understood by reference to the accompanying drawings, in which the same parts are indicated by the same letters throughout the several views.

Figure 1 shows a side elevation of a pistol with the device applied thereto. Fig. 2 is a perspective view of the hollow cylinder with the brush and handle omitted. Fig. 3 shows a central longitudinal section through the device shown in Fig. 2. Fig. 4 shows a section along the line 4—4 of Fig. 3. Fig. 5 shows the device applied to the barrel of a service rifle, the scale being reduced.

Referring first to Figs. 1 to 4, A represents a revolver, having a barrel B and front sight C.

D represents a cylindrical shell with the chamber D^o, the axial slot d, and the transverse slot d'; and the chamber D^o is preferably lined with cloth, paper, or other material d².

The head of the cylinder D is perforated, as at d^o, the hole having a diameter slightly less than the bore of the piece to be cleaned, and large enough to permit the insertion therethrough of the brush E.

In practice, the hollow cylinder D is slipped over the end of the barrel B, is turned laterally through an angle to cause the front sight C to engage in the notch d', and the brush is reciprocated in the barrel by means of the handle E'.

It will be noted that the brush is centered in the barrel, and no metallic parts of the

device are in contact either with the interior or the exterior of the barrel.

It will be noted that the brush may be applied to any part of the barrel from the powder chamber to the muzzle, and that it may be applied with greater force to any particular spot that may need cleaning by pressing away on the outer end of the cleaning rod e, and this without having the rod bear at all against the metal of the gun itself.

It will be obvious that the notch d' may be omitted, and the cylinder D may be sprung on the barrel without turning the same, if desired; or the cylinder D may be screwed on to the end of the barrel, screw-threads being provided for that purpose; or the interior of the cylinder may be tapered to fit tight on the end of the barrel of the piece.

It is preferable, however, to have the device so arranged as to fit any existing type of small arm, without in any way changing the weapon itself.

It will be obvious that the rod e may be made longer for use with small arms, and that the parts may be made large enough to fit field guns, if desired.

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

1. A device of the character described, comprising a hollow cylinder adapted to slip over the muzzle of a piece, and provided with a perforated head, a brush, a rod connected to said brush and passing through said perforated cylinder head, and a handle carried by said rod, substantially as described.

2. A device of the character described, comprising a hollow cylinder adapted to slip over the muzzle of a piece, and provided with a perforated head, the said cylinder being lined with soft material to prevent abrasion on the exterior of the barrel of the piece, a brush, a rod connected to said brush and passing through said perforated cylinder head, and a handle carried by said rod, substantially as described.

3. A device of the character described, comprising a longitudinally-slotted hollow cylinder having a perforated head, a brush, and a hand rod connected to said brush and passing through said perforated cylinder head, substantially as and for the purposes described.

4. A device of the character described, comprising a hollow cylinder longitudinally and laterally slotted, substantially as described, and provided with a soft lining, a perforated head, a brush, and an operating rod connected to said brush and passing through said perforated cylinder head, substantially as and for the purposes described.

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

JOHN S. UPHAM.

Witnesses:

MILDRED LANGE,
B. S. CAREY.