

J. HURST.
RIFLE WIPE ROD.
APPLICATION FILED MAY 6, 1912.

1,035,707.

Patented Aug. 13, 1912.

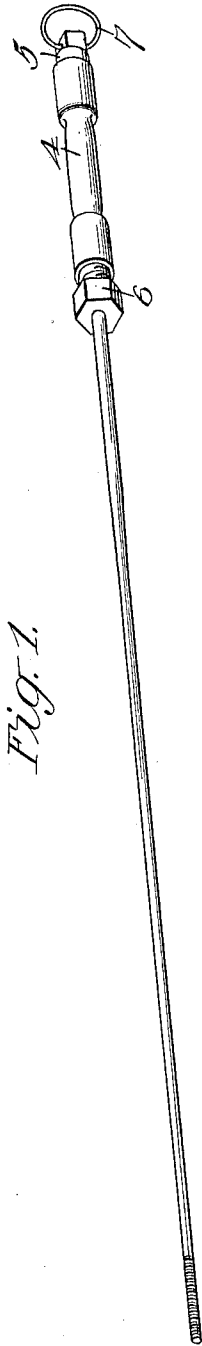


Fig. 1.

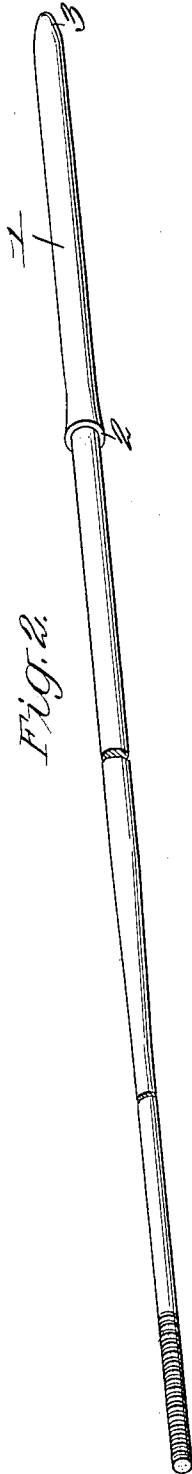


Fig. 2.

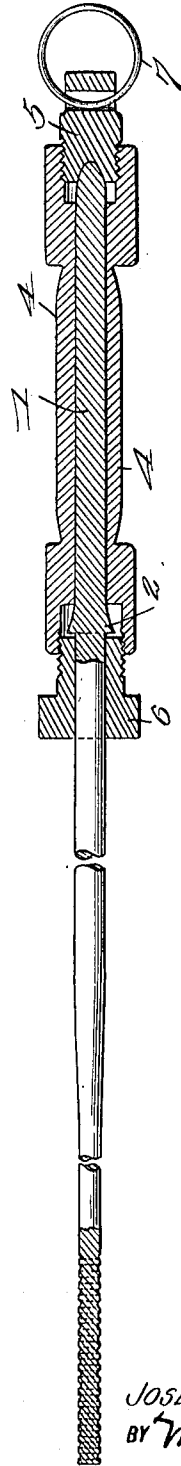


Fig. 3.

WITNESSES

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JOSEPH HURST, OF BESSEMER, ALABAMA.

RIFLE WIPE-ROD.

1,035,707.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSEPH HURST, a citizen of the United States, and a resident of Bessemer, in the county of Jefferson and State of Alabama, have invented an Improvement in Rifle Wipe-Rods, of which the following is a specification.

In my invention, the wipe-rod or wipe-stick proper is so attached to a tubular handle as to adapt it to rotate, and also to be quickly clamped in the handle when required. These and other features and advantages are hereinafter set forth, and the invention is illustrated in the accompanying drawing, in which—

Figure 1 is a perspective view of the wipe-rod or wipe-stick entire. Fig. 2 is a similar view of the wipe-rod or wipe-stick proper detached from the handle. Fig. 3 is a view including a longitudinal section of the handle and the adjacent or connected portion of the stick proper.

The terminal portion 1 of the steel wipe-rod or wipe-stick is enlarged or thickened, and provided with a shoulder 2 and cone 3 at the respective ends. The metal handle 4 has a longitudinal bore adapted to receive the enlarged, terminal portion 1 of the wipe-stick, and its ends are recessed and threaded internally to adapt them for reception and attachment of plugs 5 and 6.

The plug 5, which is inserted in the outer end of the handle, is provided with a conical cavity in its inner end to receive the corresponding conical end 3 of the wipe-stick proper. The said plug 5 is also provided with a ring 7, for convenience in suspending the wipe-stick from a nail or hook. The plug 6, at the inner end of the handle, has a polygonal head and is bored lengthwise to receive the body portion of the wipe-stick.

The shoulder 2 of the wipe-stick is arranged for contact or abutment with the plug 6, as shown in Fig. 3. The part 1 of the wipe-stick is allowed slight play between the two plugs, or at least is held loosely between them, so that it may rotate freely in the handle. Such rotation enables the stick to be used with better effect in

cleaning a rifle. But it is sometimes desirable that the stick proper shall be fixed, or held immovably, in the handle and this is easily and quickly accomplished by rotating either of the screw-plugs 5 or 6, so as to duly increase the friction of the plugs with the shoulder 2 and the conical end of the stick.

A series of wipe-rods proper may be employed with one and the same handle, and each of them will have, in practice, a terminal portion similar to that indicated by 1 in the drawing. Thus, it will only be necessary to provide plugs in place of the one indicated by 6 which shall have a bore adapted to receive the particular wipe-stick that may be inserted in the handle.

In practice, the stick will be made interchangeable for different sizes of rifles ranging from 22 to 50 caliber.

The plugs 5 and 6 are easily detachable manually, so that the parts, to wit, the handle and the inclosed portion of the wipe-stick may be conveniently oiled.

The plug or nut 6 at the inner end of the handle is, in practice, made of brass, since that metal will not injure the muzzle of a rifle barrel upon contact therewith. In practice, the stick proper can be easily carried in the guides provided under a rifle barrel, and the handle itself may be carried in a pouch or pocket.

What I claim is:—

The improved rifle wipe-stick, comprising a wipe-stick proper having an end portion thickened and provided with a shoulder and conical tip, an elongated hollow handle having threaded sockets at its ends, screw plugs closing the sockets and one abutting the conical end of the stick proper, and the other bored and abutting the shoulder of the stick, the latter being thus held rotatably and adapted to be quickly clamped and thus fixed to the handle when desired, substantially as described.

JOSEPH HURST.

Witnesses:

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L. C. CROOK.