

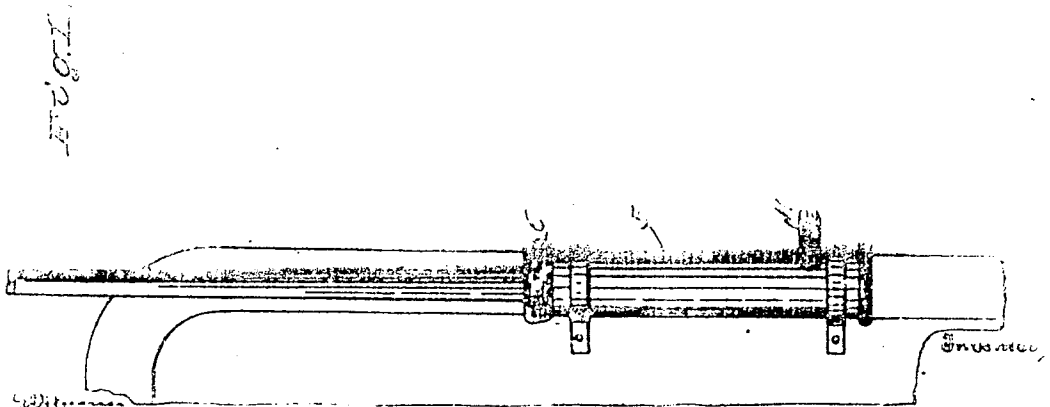
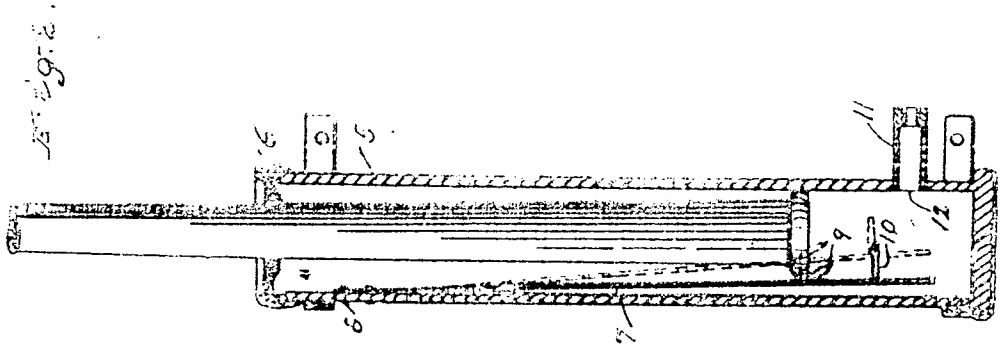
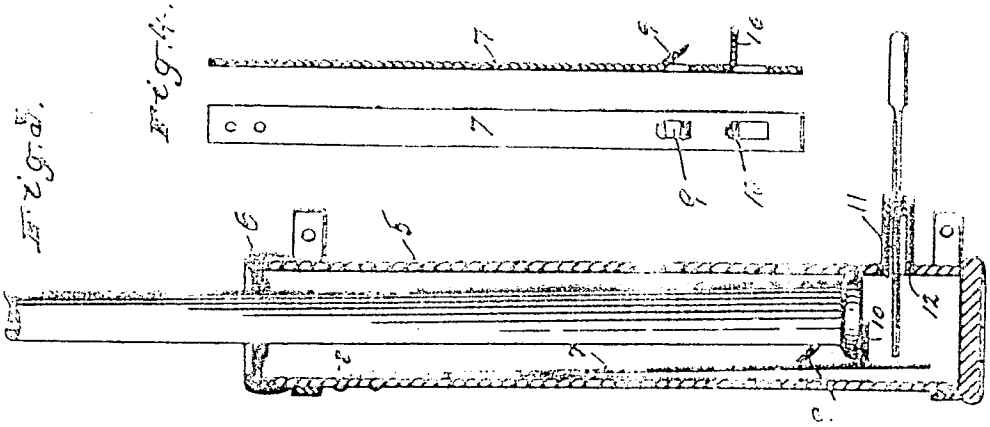
M. G. BROWN.

WHIP HOLDER.

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A. C. Bentley.
C. G. Gidd.

Merton G. Brown,
Frank A. Allison
Attorneys

UNITED STATES PATENT OFFICE.

MERTON G. BROWN, OF SANDUSKY, MICHIGAN.

WHIP-HOLDER.

951,981.

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To all whom it may concern.

Be it known that I, MERTON G. BROWN, a citizen of the United States of America, and resident of Sandusky, in the county of Sanilac and State of Michigan, have invented certain new and useful improvements in Whip-Holders, of which the following is a specification.

This invention relates to a device for holding whips in sockets or whip holders and has for its object the provision of novel means whereby the whip is applied to the whip holder, the said whip is supported therein in a manner to be readily removed upon forward pull on the said whip, the relation of parts being such that pressure on the whip will cause it to travel beyond the support which temporarily holds it, the support then operating as a lock or detent to prevent withdrawal of the whip until the parts are manipulated to release the whip.

A further object of this invention is to provide novel means for limiting the downward movement of the whip in the whip holder, said means being resiliently supported in the whip holder and having preferably an oscillatory movement therein, the said supporting device standing normally in position to engage the whip, means being provided for moving the supporting device against the action of the spring member.

With the foregoing and other objects in view, the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail, reference will be had to the accompanying drawings forming part of this specification wherein like characters denote corresponding parts in the several views, in which—

Figure 1, illustrates a view in elevation of a whip holder with the whip applied thereto; Fig. 2, is a vertical sectional view of the whip holder and the whip retaining means therein; Fig. 3, is a view similar to Fig. 2, except that the whip is shown located in position and the unlocking device is applied to the whip holder; and Fig. 4, is an elevation and edge view partly in section of the tongue.

In the drawings a whip holder is shown as comprising a socket 5, having the usual rubber guard 6, at the top thereof, the same

being held on the socket in any appropriate way and as this does not form part of the invention, it will not be described in detail.

Secured to the inner wall of the socket near the upper end thereof is a tongue 7, which extends downwardly and inwardly toward the center of the socket. The tongue is secured to the socket by means of rivets or small bolts 8, and the lower end of the tongue is provided with a detent 9, here shown as a spur projecting from the tongue at an angle. In forming the spur I prefer to stamp it from the tongue as this is an inexpensive means of producing it, although I may rivet or otherwise secure a plate to the tongue in the relation to the tongue illustrated in Fig. 2. Below the spur and standing approximately at right angles to the tongue is a lug 10, on which the lower end of the whip rests when the said whip has been pressed down, so that its end passes the spur 9. The lug must, of necessity, extend inwardly beyond the end of the spur in order that it will be in the path of travel of the end of the whip, even though the tongue is pressed toward the wall of the socket through the engagement of the whip with the said spur, that is to say, the lower end of the whip will travel over the surface of the spur, producing a cam-like action which will tend to move the spur out of the path of travel of the whip, but the lug 10, will not be moved out of the path of travel of the whip but will engage and arrest the whip to prevent its further descent in the socket. The manner of forming the lug 10, may be similar to that of forming the spur 9, but the said lug may be otherwise applied to the tongue. In fact, a plate could be riveted to the tongue, the part of the said plate engaging the tongue, standing at right angles to the remainder of the plate, but as these are immaterial details of construction, I do not wish to be limited to any particular manner of producing the same.

The whip socket is provided with a key barrel 11, which is attached to the socket in line with an aperture 12, in the wall of said socket and the key barrel is provided with the key of any appropriate design which can be inserted in the barrel and manipulated to engage the side of the tongue near its lower end, that is to say, below the lug 10, the said manipulation resulting in moving the tongue toward the wall opposite the

barrel and thus moving the spur out of engagement with the side of the whip stock and permitting the whip to be removed from the socket or whip holder.

5 From the fact that the whip is to rest on the spur without being locked in position except when pressure is applied to the whip for the purpose of operating the locking mechanism, it follows that the rigidity of
10 the tongue must be such as to support the whip on the spur without yielding sufficiently to permit the said whip to pass beyond the edge of the spur, otherwise the whip would be locked in position each time
15 the whip was applied to the whip holder, whereas it is the object of this invention to provide means for temporarily supporting the whip in the whip holder without locking it in place, and to provide means for
20 readily locking it in place when it is desired to have the whip retained in its whip holder against removal by unauthorized persons.

I claim—

25 1. A whip holder comprising a socket, a resilient tongue therein, a downwardly projecting spur on said tongue, an inwardly projecting member on said tongue, said
30 inwardly projecting member disposed below said spur, and a rod adapted to enter the lower part of said socket opposite the tongue and contact with the lower end of said

tongue below said inwardly projecting member.

2. In a whip holder, a socket, a downwardly and inwardly projecting tongue attached to the inner wall of the socket, a downwardly and inwardly extending spur projecting from the tongue, an inwardly projecting member approximately at right
40 angles to the length of the tongue in such relation to the spur as to extend beyond the edge of said spur, a key barrel attached to the socket in alinement with the lower end of the tongue, and means for manipulating the tongue. 45

3. In a whip holder, a socket, and downwardly and inwardly projecting tongue attached to the inner wall of the socket, a downwardly and inwardly extending spur
50 integral with the tongue, an inwardly projecting member approximately at right angles to the length of the tongue integral therewith and in such relation to the spur as to extend beyond the upper edge of said
55 spur, a key barrel attached to the socket in alinement with the lower end of the tongue, and means for manipulating the tongue.

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

MERTON G. BROWN.

Witnesses:

WM. DAWSON,
THOS. E. DAWSON.