

J. A. MUSGROVE, JR.
WHIP SOCKET.
APPLICATION FILED SEPT. 29, 1908.

944,201.

Patented Dec. 21, 1909.

Fig 1.

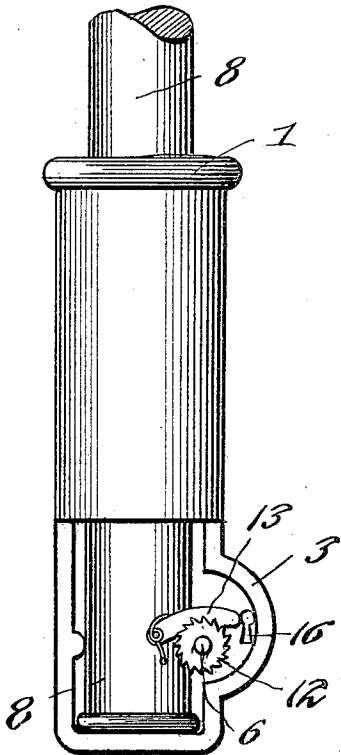


Fig 2.

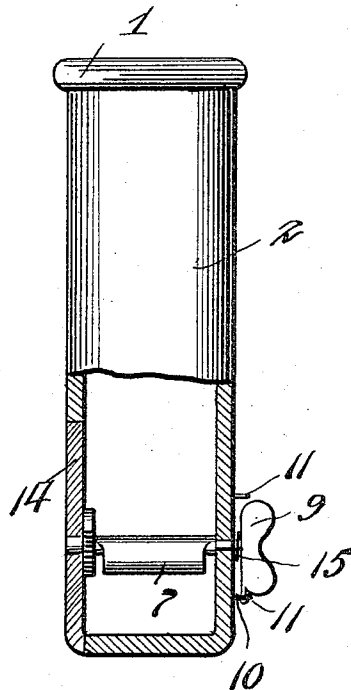
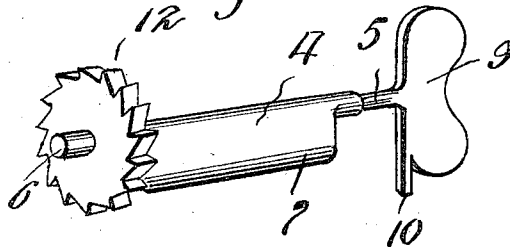


Fig 3.



Witnesses

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JAMES A. MUSGROVE, JR., OF NORTON, VIRGINIA, ASSIGNOR OF ONE-HALF TO CAMM
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WHIP-SOCKET.

Specification of Letters Patent.

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944,201.

To all whom it may concern:

Be it known that I, JAMES A. MUSGROVE, JR., a citizen of the United States, residing at Norton, in the county of Wise and State of Virginia, have invented new and useful Improvements in Whip-Sockets, of which the following is a specification.

This invention relates to improvements in whip-sockets, and has for its object the provision of novel means wherein a whip can be retained within the socket and be prevented from becoming lost or stolen.

Another object of the invention is to provide a whip-socket comprising a tubular member having a locking element secured thereto, said element having a bulging portion extending approximately the length thereof, a ratchet wheel carried by the locking element and a dog secured to the tubular member and adapted to engage the ratchet, whereby the whip is securely locked and a key is necessitated to unlock the dog, which in turn allows the bulging portion of the locking element to fly back and permit the whip to be withdrawn.

With the above and other objects in view the invention consists in the novel construction, and arrangement of parts which will be hereinafter more fully described and claimed.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:—

Figure 1 is an elevation, with the cover removed to illustrate the whip locking member. Fig. 2 is a side elevation, partly in section with the cover applied thereto, and Fig. 3 is a detail perspective view of the locking member.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates the whip socket comprising a holder 2, said holder being formed with a bulging portion 3. Mounted in the bulging portion 3 and disposed transverse therein is a locking bolt 4. The said bolt comprises a shank 5 and a trunnion 6. Disposed intermediate the ends of the shank and trunnion is formed a bulging offset portion 7 adapted to engage the butt of a whip and securely bind the same within the holder. The purpose of having the bolt arranged in the bulging portion 3 is that the offset or bulging portion of the locking bolt may be turned out of engagement with

the butt portion of a whip, thereby allowing the holder to be used as an ordinary whip socket, the whip 8 being inserted and withdrawn without locking the same. The said bolt is further provided with an operating head 9, said head being formed with a down standing lug 10, adapted to contact with the laterally projecting pins 11, secured to the outer wall of the holder 2, and allowing only partial rotation of the bolt. Mounted upon the trunnion 6, is a ratchet 12, adapted to cooperate with the spring-pressed dog 13 for positively locking the portion 7 into engagement with the butt portion of the whip 8, said dog being secured to the inner face of the removable cover 14. Mounted upon the shank 5, and abutting against the operating head and outer wall of the holder, is a coil spring 15, the purpose of which is to throw the lug 10 down when the dog 13 is raised.

In operation of the device it is desired to state that the bulging portion 7, of the locking bolt 4, is so disposed in the holder 2, that when an attempt is made to take the whip 8 out of the socket, the bolt 4, will be rotated and the portion 7 will have a tendency to bind tighter to the whip. When desiring to release the whip from the holder 2, a key is inserted in the key-hole 16, throwing the dog out of engagement with the ratchet.

From the foregoing description taken in connection with the accompanying drawing, the construction and mode of operation of the invention should be clearly understood without a further extended description.

Changes in form, proportions and minor details of construction may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages thereof.

Having thus described the invention what is claimed as new, is:—

1. A whip socket comprising a holder, a bolt disposed transversely in said holder and formed with a bulging portion, said socket having secured therein a spring-pressed dog, said bolt carrying a ratchet adapted to cooperate with said dog, an operating head on said bolt provided with a lug, and means laterally projecting from said socket adapted to contact with said lug for permitting partial rotation of the bolt.

2. A whip socket comprising a holder, a

bolt disposed transversely in said holder and
formed with a bulging portion, said socket
having secured therein a spring-pressed dog,
said bolt carrying a ratchet adapted to co-
operate with said dog, an operating head on
said bolt provided with a lug, means later-
ally projecting from said socket adapted to
contact with said lug for permitting partial
rotation of the bolt, and means abutting

against the operating head and the outer
wall of the holder for throwing the said lug
down when said dog is raised.

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

JAMES A. MUSGROVE, JR.

Witnesses:

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