

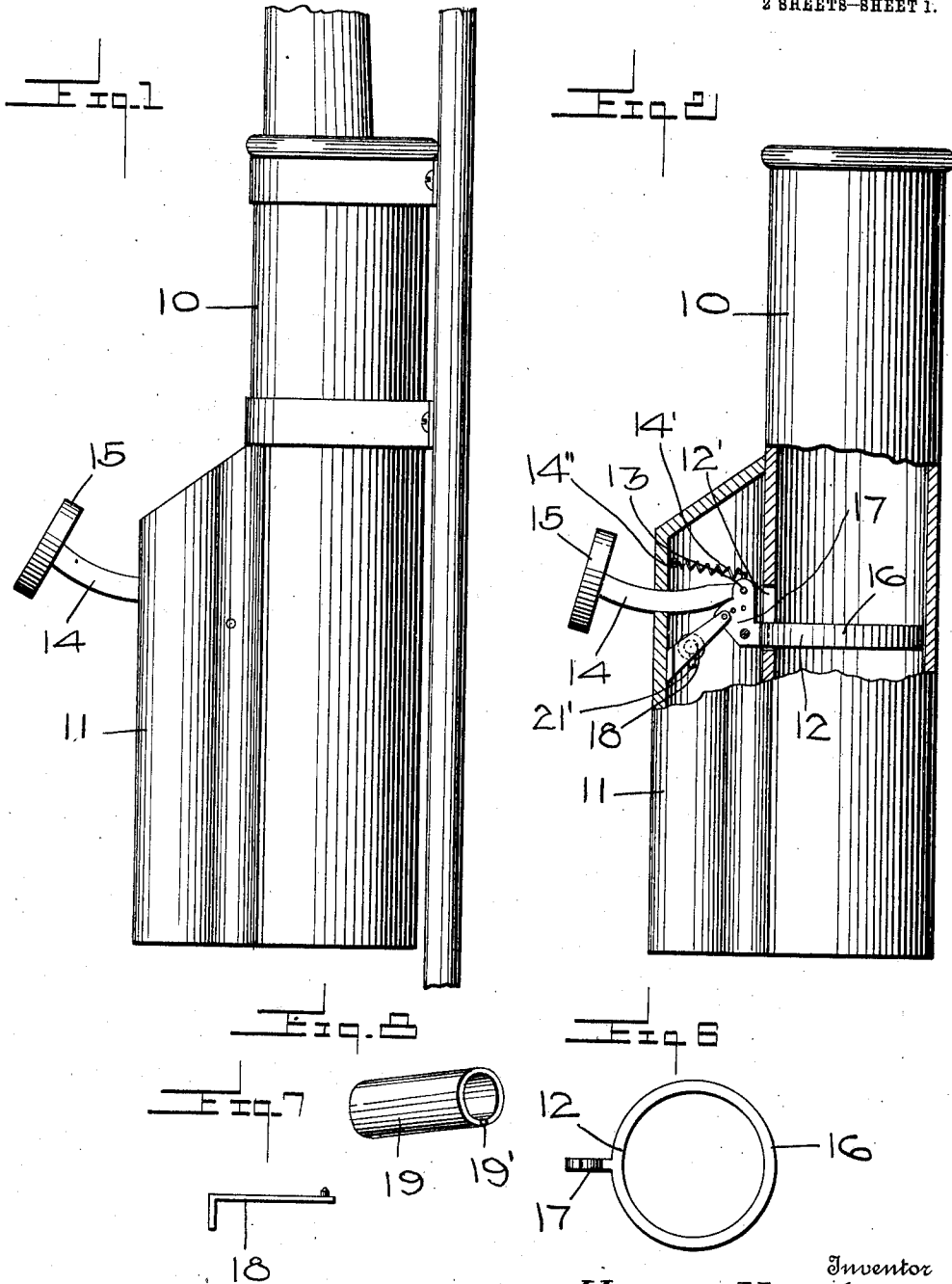
H. K. KING.
WHIP LOCK.

APPLICATION FILED JULY 15, 1910.

1,003,467.

Patented Sept. 19, 1911.

2 SHEETS—SHEET 1.



Witnesses
Ed. R. Lusby
Ernest F. Riley

Inventor
Henry K. King

By *Howard & Chandler*
 Attorneys

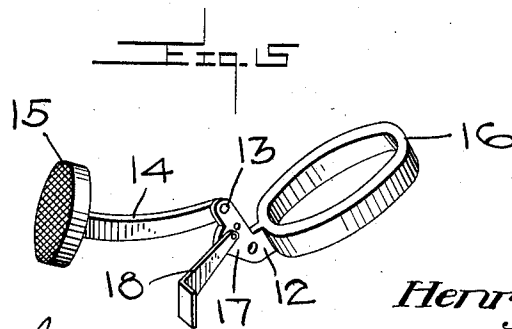
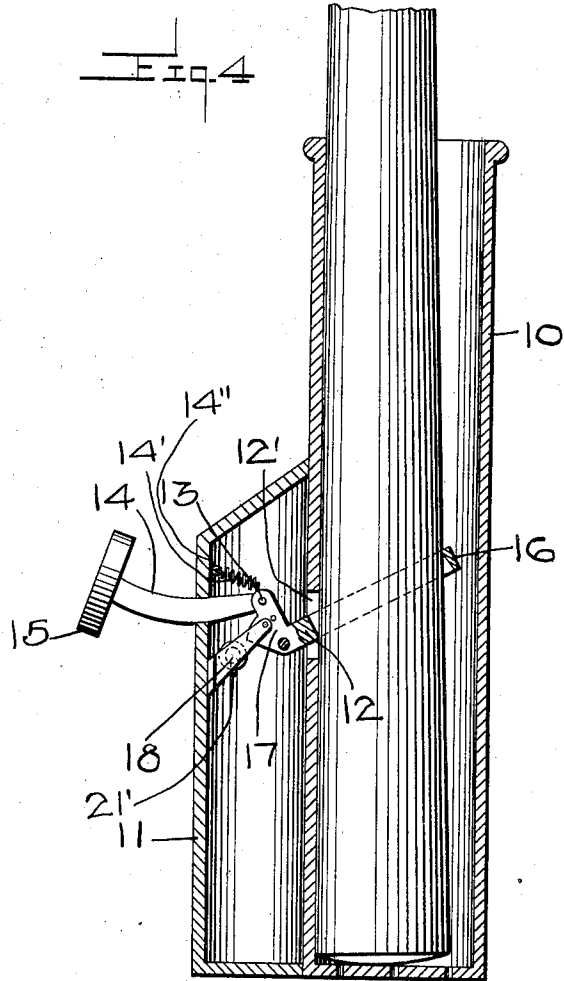
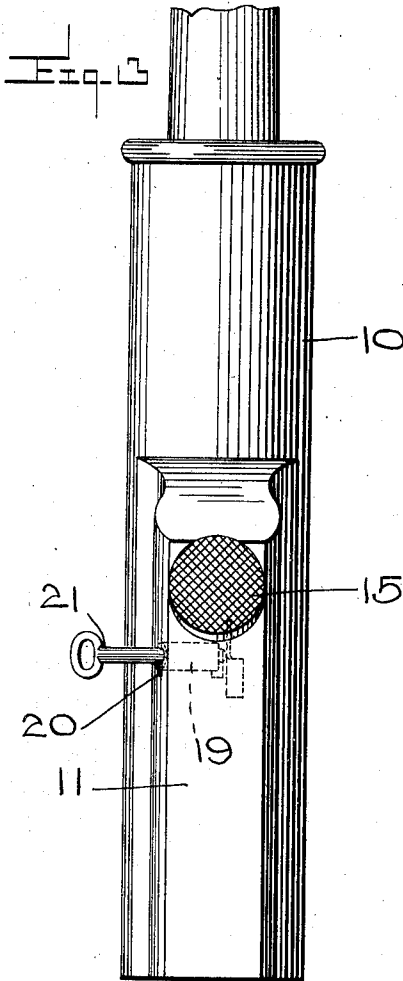
H. K. KING.
WHIP LOCK.

APPLICATION FILED JULY 15, 1910.

1,003,467.

Patented Sept. 19, 1911.

2 SHEETS-SHEET 2.



Witnesses

Ed. R. Lusby
Ernest F. Riley

Inventor

Henry K. King

By Howard & Chandler

Attorney

UNITED STATES PATENT OFFICE.

HENRY K. KING, OF RICHMOND, VIRGINIA, ASSIGNOR OF ONE-THIRD TO ERNEST W. SMITH, OF WASHINGTON, DISTRICT OF COLUMBIA.

WHIP-LOCK.

1,003,467.

Specification of Letters Patent. Patented Sept. 19, 1911.

Application filed July 15, 1910. Serial No. 572,067.

To all whom it may concern:

Be it known that I, HENRY KENDALL KING, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Whip-Locks, of which the following is a specification.

This invention relates to improvements in whip locks.

The primary object of said invention is to so construct a whip socket that a whip may be conveniently and securely held in place within the same.

With this and other objects in view, the present invention consists in the combination and arrangement of parts which will be hereinafter more fully described and particularly pointed out in the appended claims, it being understood that the changes in the specific structure shown and described may be made within the scope of the claims without departing from the spirit of the invention.

In the drawings: Figure 1 is a view showing the device secured to the dash-board of the vehicle, Fig. 2 is a side elevation partly in section of the device removed, Fig. 3 a front view, Fig. 4 a sectional view showing a whip arranged within the socket, Fig. 5 a detail view of the locking mechanism, Fig. 6 a view of the clutch member, and Fig. 7 a view of the latch. Fig. 8 is a detailed perspective view of the tube which it adapted to receive the key.

In the drawings: 10 designates the whip socket which is provided with an enlarged offset portion 11. Pivotally arranged within said offset portion, is an L-shaped member 12, a portion of which extends through an opening 12' formed in the socket. Secured at the point 13, to said L-shaped member, is a plunger 14, which extends through a slot formed in the front wall of the member 11. The plunger 14 has arranged upon its end portion an enlargement 15 for actuating the same, the function of said plunger being to swing the member 12 on its pivot. The member 12 has arranged upon its end portion, which extends within the socket, a ring 16, through which the whip is adapted to pass, as the same is placed within the whip socket. A coiled spring 14' is secured to the casing at the point 14'', and to the portion 17, the tendency of said spring be-

ing to hold the ring 16 in the position shown in Fig. 4. In order to hold said ring in this position, the portion 17 of the member 12, is provided with a plurality of perforations which are adapted to receive the end portion of a spring member 18, which is secured to the front wall of the member 11. The member 18 is so positioned as to spring within one of the openings formed in the member 17, as soon as the same is brought into the position shown in Fig. 4. A slotted tube 19 is secured to the front wall of the member 11, one end of said tube being in alinement with a key-hole 20. The other end of said tube lies flush with the member 18 so that when a key 21 is inserted, the same will force the member 18 out of engagement with the member 17, thus releasing the ring, the portion 21' of the key resting in the slot 19' formed in the tube 19, as the key is inserted. When it is desired to permanently hold the member 18 out of engagement with the member 17, the key is inserted, its end portion contacting with the member 18, said key is then rotated until the extension 21' engages the edge of the tube. The key normally holds the member 18 out of engagement and when it is desired to permanently lock the whip, the key is removed. To release the whip, the key is inserted and the member 15 pushed forward, thus throwing the ring out of engagement with the whip.

It will be seen that when the ring is in its locked position, the same will so engage the whip as to positively prevent its removal. The perforations in the member 17 are so arranged that the angle at which the ring is held may vary to accommodate whips which vary in diameter.

It will be seen that a device of this construction will form an effective, as well as a convenient means for locking the whip within the socket. It will also be noted that a device of this character may be easily and cheaply constructed, the arrangement being such as to allow the parts to be quickly assembled.

What is claimed is:

1. A device of the class described, comprising a whip socket, a hollow offset portion formed upon said whip socket near its base portion, a member pivotally arranged within said offset portion, said member having an offset portion extending within said whip socket, spring means for normally

holding said member in engagement with a whip arranged within said socket, a spring member positioned within said offset portion for engaging said pivoted member, a slotted
5 tube arranged adjacent said spring member and means adapted to engage the end portion of said tube for throwing said spring member out of engagement.

2. A device of the class described, comprising a whip socket, said whip socket being
10 provided with a hollow offset portion, an L-shaped member pivotally arranged within said offset portion, one end of said member

terminating in a ring which is adapted to extend within the socket, a plunger pivotally connected to the other end of said
15 member, and a resilient member, said member being provided with an offset portion adapted to engage openings formed in the pivoted member. 20

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

HENRY K. KING.

Witnesses:

ETTA K. KLINCK,
GRACE K. FOX.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."