

C. C. SHAW.  
WHIP SOCKET AND LOCK.  
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966,776.

Patented Aug. 9, 1910.

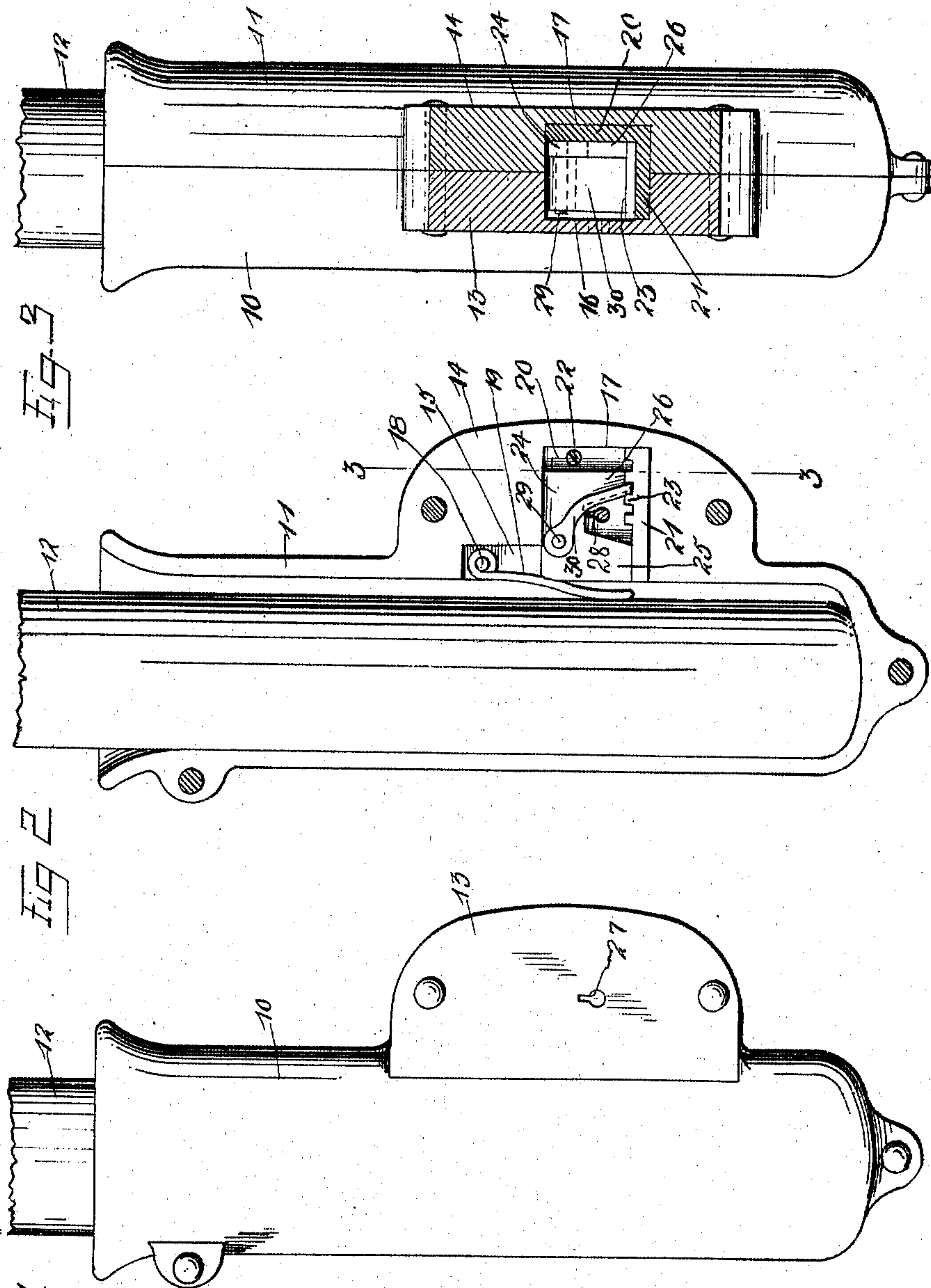


Fig. 1.

Fig. 2.

Fig. 3.

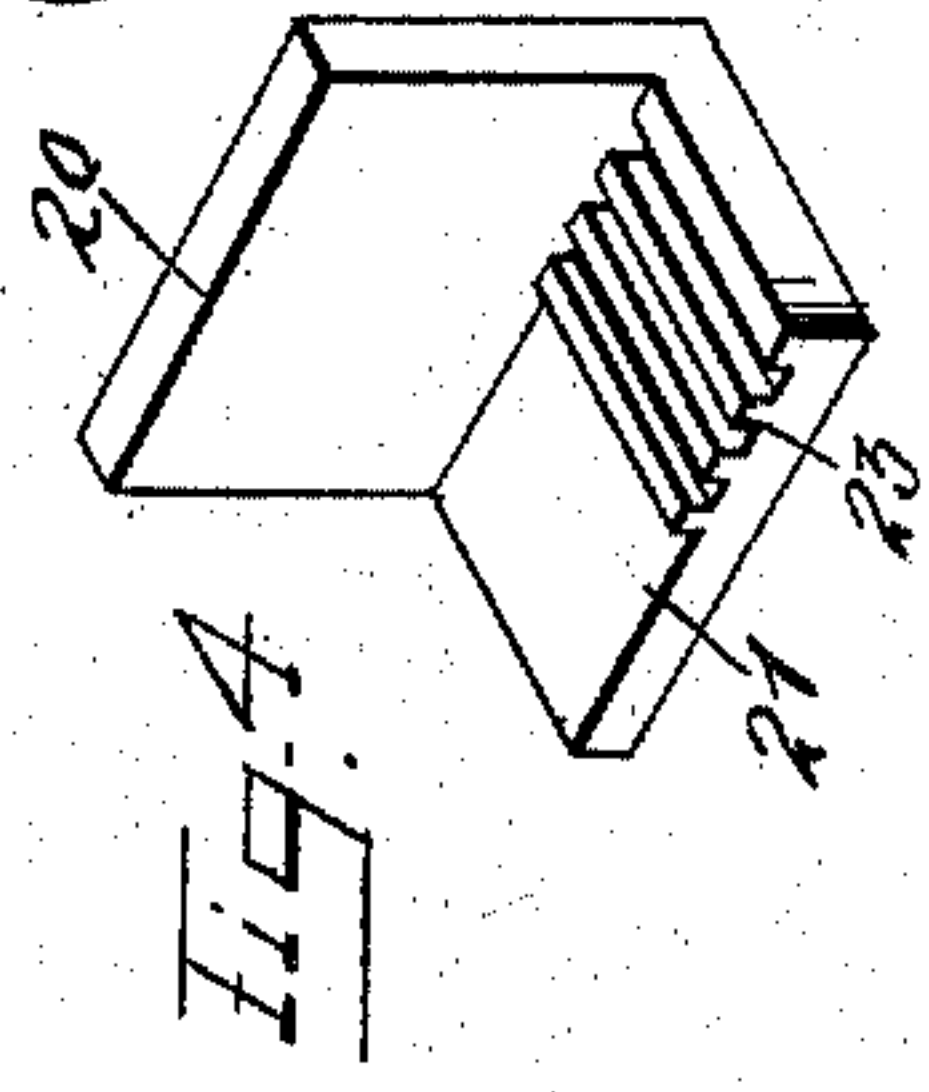


Fig. 4.

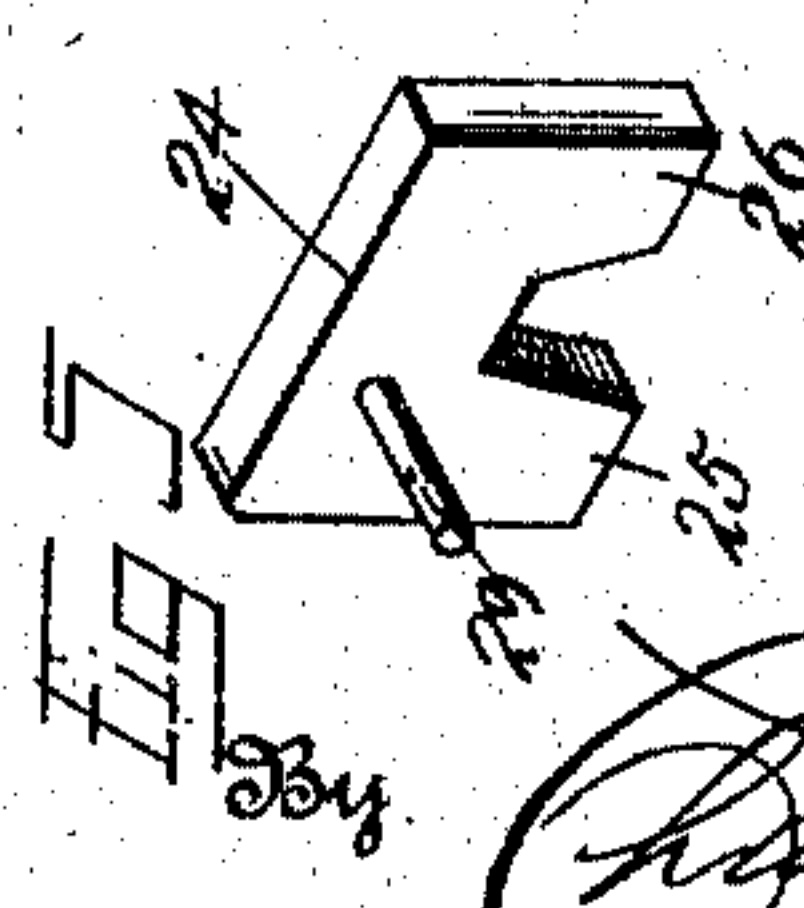


Fig. 5.

Witnesses  
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# UNITED STATES PATENT OFFICE.

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WHIP SOCKET AND LOCK.

966,776.

Specification of Letters Patent.

Patented Aug. 9, 1910.

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*To all whom it may concern:*

Be it known that I, CARL C. SHAW, a citizen of the United States, residing at Cynthiana, in the county of Posey, State of Indiana, have invented certain new and useful Improvements in Whip Sockets and Locks; 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.

This invention relates to combined whip sockets and locks, and has for one of its objects to provide a simply constructed device whereby a whip may be locked in position and its surreptitious removal prevented.

With this and other objects in view, the invention consists in certain novel features of construction as hereinafter shown and described and then specifically pointed out in the claim; and, in the drawings illustrative of the preferred embodiment of the invention, Figure 1 is a side elevation of the improved device, Fig. 2 is a side view with one of the casing members of the whip socket removed, Fig. 3 is a section on the line 3—3 of Fig. 2. Fig. 4 and Fig. 5 show details.

The improved device embodies a whip socket, preferably formed in two parts 10—11 and in which the whip stock is deposited, a portion of the whip stock being represented at 12. The two parts 10—11 of the stock are formed with projections 13—14 at one side, and each projecting portion is provided with a relatively long recess, these longer recesses being indicated at 15, and with shorter recesses 16—17 extending from the longer recesses. Extending through the upper end of the longer recess is a pin 18, and mounted to swing upon this pin is a bearing plate 19, the latter adapted to project into the interior of the casing 10—11 and bear against the whip stock 12, as shown in Fig. 2.

Located within the recess 16—17 is an L-shaped plate with one side 20 bearing against the inner face of the recess 17 and the other portion 21 bearing upon the bottoms of the recesses 16—17. The portion 20 of the plate is secured by screws or other suitable means 22 to the projection 14, while the lower portion 21 of the plate is provided with a plurality of spaced transverse teeth

23. Slidably disposed within the recess 16 and bearing against the vertical portion 20 of the plate is a bolt-like member 24 having downwardly directed terminals 25—26 spaced apart and bearing respectively upon the body of the horizontal portion 21 of the plate and across the teeth 23. The member 24 by this construction is provided with an intermediate recess, and formed through the projecting portion 13 opposite this recess is a key-hole, represented at 27, to receive a key, represented at 28, the wards of the key being adapted to engage the depending portions 25—26 and thus move the bolt 24 toward or away from the clamp member 19. By this means when the key is moved in one direction it will be obvious that the bolt 24 will be moved against the plate 19 and hold the latter against the whip stock 10. Pivoted at 29 upon the bolt 24 is an arm or pawl 30, the lower or free end of the pawl adapted to engage in the teeth 23 of the portion 21 of the plate. The pawl 30 extends at its free end into the path of the ward of the key and engages one of the teeth 23 by its free end, so that when in the position shown in Fig. 2, the pawl locks the bolt 24 in position, and thus correspondingly locks the plate 19 in engagement with the whip stock, and thus effectually prevents its surreptitious removal from the whip stock.

When the whip is to be released the key is inserted and rotated, the ward of the key first releasing the pawl 30 and then moving the bolt outwardly to release the plate 19.

The improved device is simple in construction, can be inexpensively manufactured and is applied to various forms of vehicles. Any suitable means may be employed for connecting the casing 10—11 to the vehicle, but as this fastening means forms no part of the invention, it is not deemed necessary to illustrate this part of the device.

What is claimed is:—

A whip socket having a recess in one side communicating with the interior of the same, a clamp plate swinging at one end within said recess and projecting into the interior of the socket in position to engage against a whip stock, an L-shaped plate located within said recess and provided with a

plurality of spaced teeth in one of its mem-  
bers, a bolt slidable in said recess and bear-  
ing against said swinging plate, a pawl  
swinging upon said bolt and engaging in  
5 the teeth of said plate, said bolt and pawl  
being adapted to be engaged by a key oper-  
ating within said casing.

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

CARL C. SHAW.

Witnesses:

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