

W. E. ROBERTS.

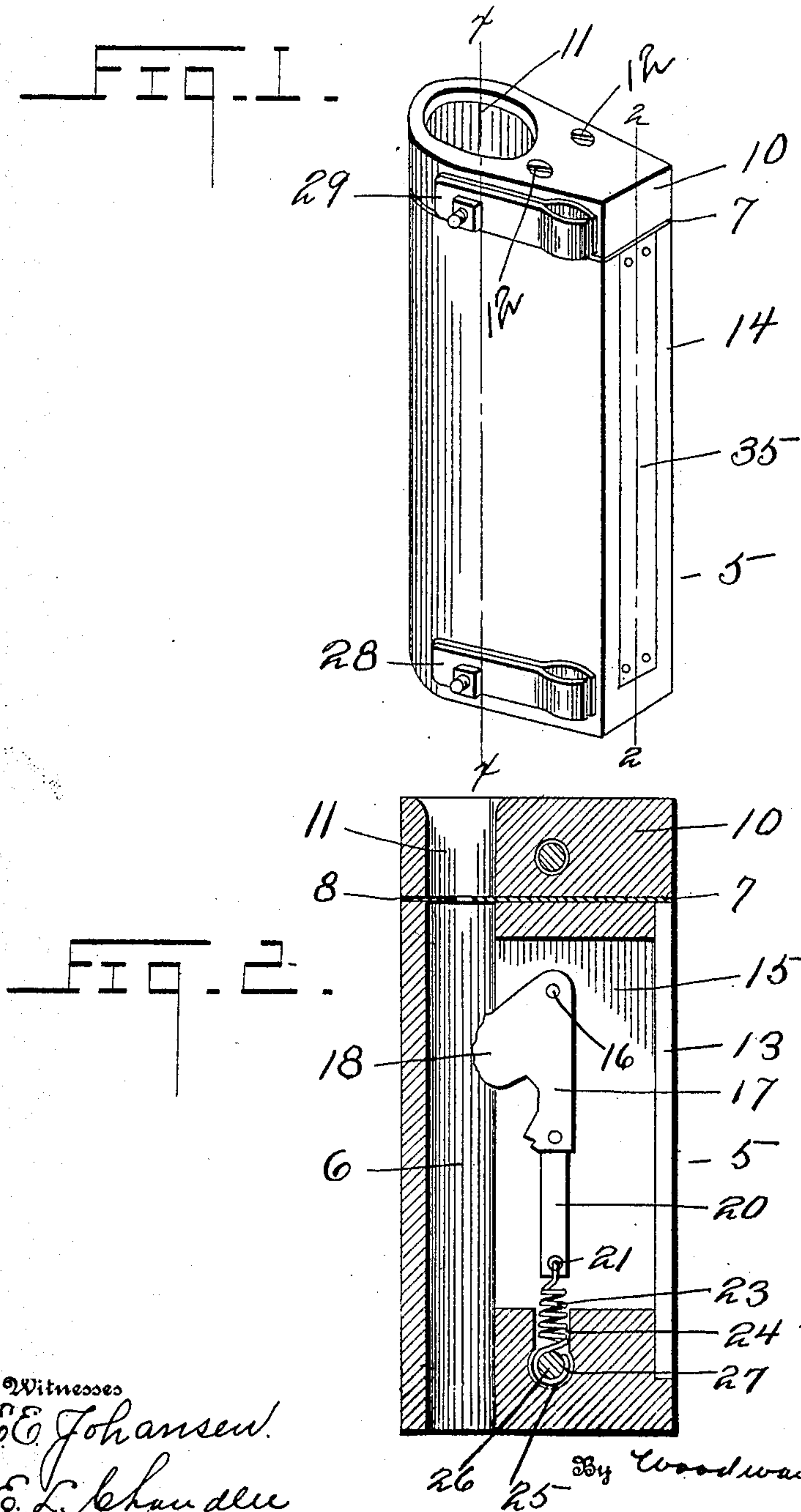
WHIP LOCK.

APPLICATION FILED AUG. 5, 1908.

916,490.

Patented Mar. 30, 1909.

2 SHEETS—SHEET 1.



Witnesses
C. E. Johansen.
E. L. Chandler

Inventor
Walter E. Roberts.

By Woodward & Chandler

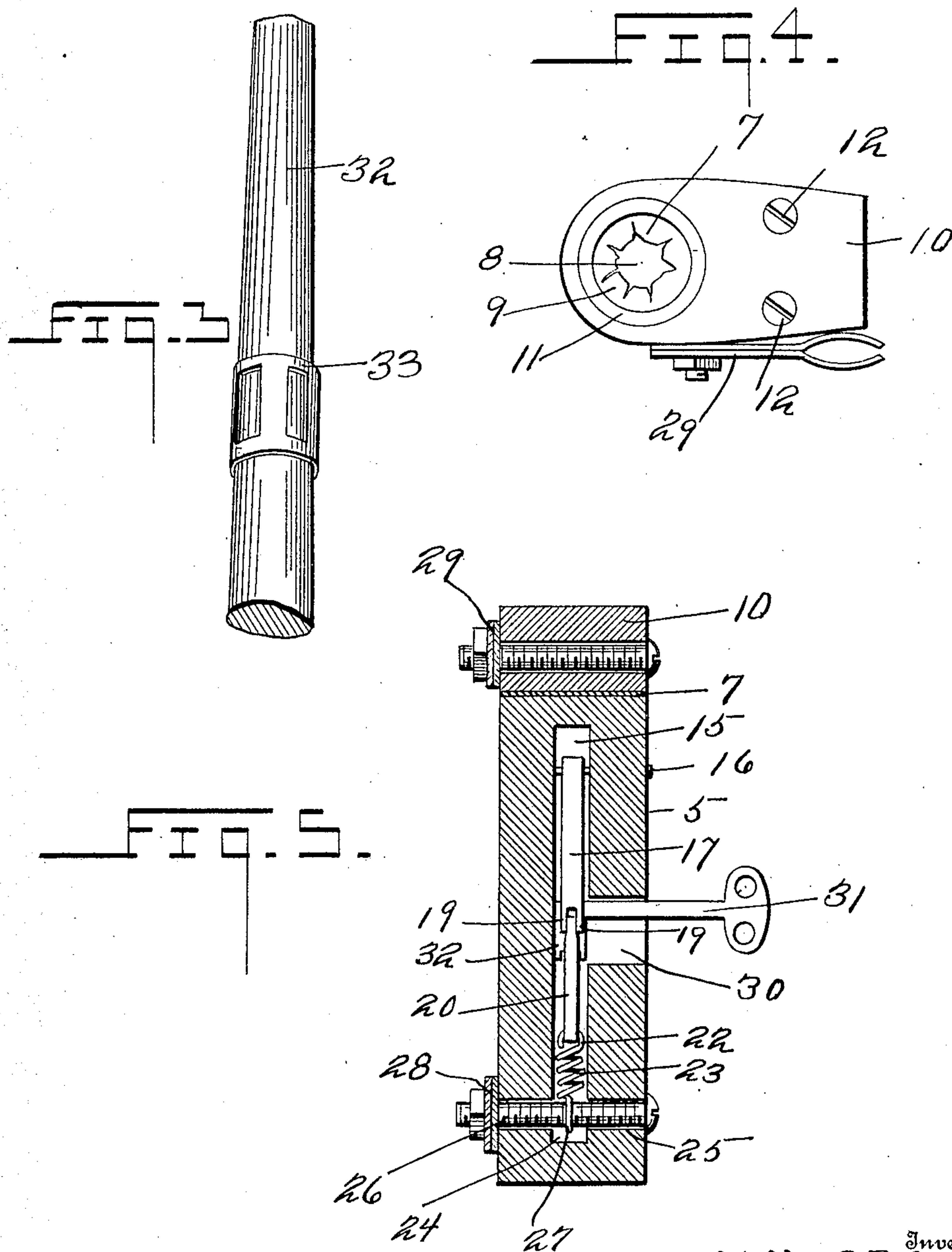
Attorneys

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UNITED STATES PATENT OFFICE.

WALTER E. ROBERTS, OF MACDOEL, CALIFORNIA.

WHIP-LOCK.

No. 916,490.

Specification of Letters Patent.

Patented March 30, 1909.

Application filed August 5, 1908. Serial No. 447,120.

To all whom it may concern:

Be it known that I, WALTER E. ROBERTS, a citizen of the United States, residing at Macdoel, in the county of Siskiyou and State of California, have invented certain new and useful Improvements in Whip-Locks, of which the following is a specification.

This invention relates to carriages and wagons and more particularly to whip sockets and has for its object to provide a whip socket which may be easily operated, but which will effectually hold the whip when locked.

Another object is to provide a structure of this kind which will be extremely simple and cheap; yet which will be efficient in operation.

Other objects and advantages will be apparent from the following description and it will be understood that 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 forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view of the present lock, Fig. 2 is a longitudinal section on the line 2—2 of Fig. 1, Fig. 3 is a perspective view of a portion of the whip handle showing the sleeve engaged therewith, Fig. 4 is a top plan. Fig. 5 is a longitudinal section on the line *x—x* of Fig. 1 taken through the attaching bolts.

Referring now to the drawings, the present invention comprises a body portion 5 transversely elongated as shown and having a socket 6 formed vertically in the forward portion thereof. A rubber sheet 7 is disposed upon the upper end of the body portion and has an opening 8 located concentric with the socket 6. The opening is somewhat smaller than the socket and the sheet 7 is split radially from the opening to form a plurality of leaves 9 for engagement of the whip handle in the usual manner. A top member 10 is disposed upon the upper end of the body portion and has an opening 11 registering with the socket 6. The top member is held in position by screws 12 which are also clasped to the sheet 7 thus holding the latter in place.

A vertically extending recess 13 is formed in the rearward wall 14 of the body portion and a vertically extending passage 15 com-

municated with the recess 13 and with the socket 6. A horizontal pivot pin 16 crosses the upper portion of the passage 15 and a vertically extending member 17 is pivoted at its upper portion upon this pin, this member having a convex forwardly directed edge 18 as shown. Downwardly directed spaced ears 19 are carried by the lower rearward portion of the member 17 and pivoted between these ears there is a link 20 which extends downwardly and which has an opening 21 in its lower end in which there is engaged a finger spring 22 carried by the upper end of a helical spring 23. This spring has its lower portion engaged in a chamber 24 formed in the bottom of the passage 15 and with which there communicates a transverse bolt receiving passage 25. A bolt 26 is engaged in the passage 25 extending horizontally through the body portion 5 and through an eye 27 carried by the spring 23. Outwardly of the body portion the bolt has jaws 28 engaged therewith which are engaged to grip the edge of a dashboard. Similar jaws 29 are connected with the top member 10.

A key hole 30 is formed in the body portion 5 opening inwardly to one side wall of the passage 15 and this key hole is arranged for the reception of a key 31 having the usual leaf 32. As shown in the drawings, the arrangement is thus such that the key may be revolved to bring its leaf into engagement with the link 20 to move this link outwardly which will move the member 17 upon the pivot pin 16 to swing a member rearwardly. At the same time, tension is placed upon the spring 23 so that when the key is brought out of engagement with the link, the latter will be drawn downwardly and the member 17 swung forwardly to bring its curved edge 18 into the socket 6 for engagement of a whip 32 located therein.

As shown, the whip 32 is provided with a sleeve 33 at its handle portion, this sleeve having a plurality of spaced longitudinal slots 34 formed therein to receive the member 17.

It is believed that the operation of the invention will be clearly understood without further description.

A closing plate 35 is engaged in the recess 13.

What is claimed is:—

1. A whip lock comprising a body portion having a vertical socket formed therein, a member pivoted at its upper portion for

swinging movement in a lateral direction into and out of the socket to engage a whip there-
within, a link pivoted to the lower end of the
member, a spring connected with the lower
5 portion of the link and arranged to hold the
link with the member projected into the
socket and means for moving the link against
the action of the spring.

2. In a whip lock, the combination with a
10 body portion arranged to receive a whip, of
whip locking members mounted in the body
portion, a helical spring connected with the
whip locking members and an attaching bolt
engaged through the body portion, said
15 spring having a hook engaged with the at-
taching bolt.

3. In a whip holder, the combination with
a transversely elongated body portion having
a vertical socket in one side portion of a re-
20 silient sheet disposed upon the body portion,
said sheet having leaves extending over the
socket, an elongated top member secured
upon the sheet and having an opening regis-
tering with the socket, and fastening devices
25 engaged through the top member and the

sheet and into the unsocketed portion of the
body portion.

4. A whip lock comprising a socketed body
portion, said body portion having a passage
formed therein communicating with the 30
socket a member pivoted in the passage for
horizontal swinging movement into and out
of position to project into the socket, de-
pending ears carried by the member, a de-
pending link pivoted between the ears, a 35
spring connected with the lower end of the
link and arranged to hold the link yieldably
at the limit of its movement downwardly and
toward the socket and with the member ex-
tended into the socket and a key arranged 40
for engagement with the link for movement
of the link against the action of the spring
to bring the member out of the socket.

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

WALTER E. ROBERTS.

Witnesses:

D. B. GEORGE,

H. HOLZHEUSER.