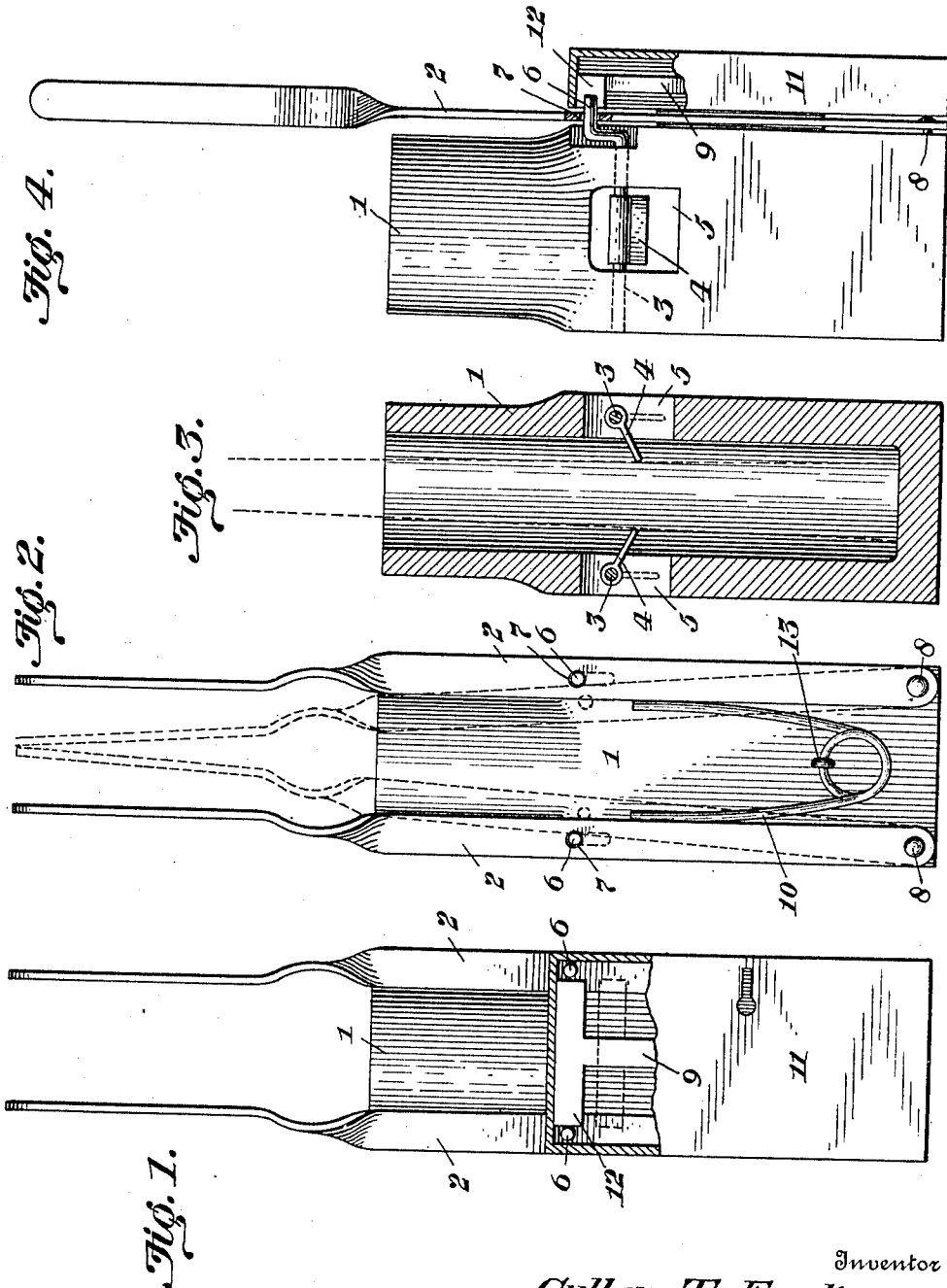


C. T. FUNK.
WHIP SOCKET.
APPLICATION FILED FEB. 17, 1913.

1,066,485.

Patented July 8, 1913.



Witnesses

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UNITED STATES PATENT OFFICE.

CULLEN T. FUNK, OF HARTVILLE, OHIO.

WHIP-SOCKET.

1,066,485.

Specification of Letters Patent.

Patented July 8, 1913.

Application filed February 17, 1913. Serial No. 748,769.

To all whom it may concern:

Be it known that I, CULLEN T. FUNK, a citizen of the United States, residing at Hartville, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Whip-Sockets, of which the following is a specification.

My invention relates to improvements in whip sockets in which the whip socket proper is to be attached in the usual manner to the dash board of a vehicle.

The objects of the present invention are, first, to provide means for holding the whip in an upright position and locking the whip in the socket, and second, to provide means for easily releasing the whip from the socket. These objects together with other objects readily apparent to those skilled in the art I attain by the construction illustrated in the accompanying drawings, although my invention may be embodied in a variety of other mechanical forms, the construction illustrated being shown by way of example.

In the accompanying drawings: Figure 1 is a side elevation showing part of the lock case broken away. Fig. 2 is a side elevation showing the lock case removed. Fig. 3 is a vertical section of the socket showing transverse sections of the rock bars, and end views of the whip locking plates. Fig. 4 is a side elevation of the whip socket shown in a different position from that shown in Figs. 1, 2 and 3, showing a portion of the lock casing broken away.

Similar numerals of reference indicate corresponding parts in all the figures of the drawing.

In the accompanying drawing, 1 represents the whip socket which may be of any desired form, reference being had to placing the butt-end of the whip in the socket and attaching the different parts designed to hold and lock the whip. The whip socket 1 is secured in any convenient and well known manner to the dash board of a vehicle or its equivalent. The device employed to attach the whip socket to the dash board of a vehicle being common and well understood by those skilled in the art, no illustration or description of said parts is deemed necessary.

To the bottom or lower portion of the whip socket 1 are pivotally attached the bars 2, which bars are extended upward and beyond the top of the socket 1 a sufficient

distance to be easily grasped by the hand. In the whip socket 1 are journaled the rock bars 3 to which rock bars are securely attached in any convenient and well known manner the whip holding and gripping blades 4, said blades being located in suitable openings 5 formed in the body of the whip socket 1. The rock bars 3 are provided with the cranks 6, which cranks are located through the openings 7 formed in the bars 2. It will be understood that by providing the cranks 6 and locating them through the openings 7 a rocking movement will be imparted to the rock bars when the bars or levers 2 are moved upon their pivotal points 8.

When it is desired to use the whip socket without any reference to the locking of the whip the lock bolt 9 is brought into a lowered position and in the position shown in dotted lines Fig. 1 and when in this position the whip can be placed in the socket, the butt-end of the whip passing the lock blades 4, said blades being turned downward and outward by reason of their inner edges coming in contact with the whip, but after the whip has been placed in the socket it cannot be detached without pressing the bars or levers 2 toward each other, and when pressed toward each other the locking blades are thrown outward or away from the whip shank after which the whip can be easily withdrawn. It will be understood that the lever 2 and the whip can be grasped by the hand and the levers pressed toward each other, after which the whip can be lifted.

For the purpose of automatically forcing the levers 2 away from each other and at the same time causing the whip holding blades 4 to press against the shank of the whip the spring 10 is provided, which spring is so constructed and located that it will press the levers or bars outward and when said levers are pressed toward each other by the hand they will automatically assume their normal positions when released.

In some instances it may be desirable to lock the whip in the socket thereby preventing the whip from being withdrawn by persons inclined to secure a whip without paying the price, and in order to provide for locking the whip, the socket 1 is provided with a lock 11, which lock may be of any desired construction, but of such a construction that the lock bolt 9 will be

moved by the use of a key and when said
 lock bolt is brought into its elevated posi-
 tion the head 12 will come between the
 cranks 6, thereby preventing any movement
 of the cranks and at the same time prevent
 the levers 2 from being pressed toward each
 other, thereby preventing the withdrawal
 of the whip until the same is released by
 the person having authority to do so. The
 lock 11 has not been described in detail and
 the lock so far as its specific construction is
 concerned does not enter into the spirit of
 the present invention.

For the purpose for holding the spring
 10 in proper position the staple 13 is pro-
 vided which staple is connected to the socket
 1 in the usual manner. It will be under-
 stood that other means may be employed for
 connecting the spring as it is immaterial
 as to how the spring is held.

Having fully described my invention what
 I claim as new and desire to secure by Let-
 ters Patent, is—

1. In a whip socket, the combination of
 a socket, bars pivotally connected to said
 socket and extended upward and beyond
 the top thereof, said bars provided with
 openings intermediate their ends, rock-bars
 journaled in the socket, said rock bars pro-
 vided with cranks, said cranks located
 through the openings, whip holding and
 gripping blades secured to said rock bars
 and means for locking the pivoted bars
 against movement, substantially as specified.

2. In a whip socket, the combination of a
 socket, bars pivotally connected to said
 socket and extended upward and beyond the
 top thereof, said bars provided with open-
 ings intermediate their ends, rock-bars jour-
 naled in the socket, said rock-bars provided
 with cranks, said cranks located through the
 openings, whip holding and gripping blades
 secured to said rock-bars, means for locking
 the pivoted bars against movement, and a

spring located between the pivoted bars, 45
 substantially as specified.

3. In a device of the character described,
 the combination of a socket, lever-bars piv-
 otally connected to the socket and provided
 with openings, said lever-bars extended 50
 above the top or upper end of the socket,
 rock-bars provided with cranks, said cranks
 located through the openings in the lever-
 bars, whip holding and gripping blades
 adapted to be actuated by the movement of 55
 the lever bars, substantially as specified.

4. In a device of the character described,
 the combination of a socket, lever-bars piv-
 otally connected to the socket and provided
 with openings, said lever-bars extended 60
 above the top or upper end of the socket,
 rock-bars provided with cranks, said cranks
 located through the openings in the lever-
 bars, whip holding and gripping blades
 adapted to be actuated by the movement of 65
 the lever-bars, and means for locking the
 lever-bars in fixed position, substantially as
 specified.

5. In a device of the character described,
 the combination of a socket, lever-bars piv- 70
 otally connected to the socket and provided
 with openings, said lever-bars extended
 above the top or upper end of the socket,
 rock-bars provided with cranks, said cranks
 located through the openings in the lever 75
 bars, whip holding and gripping blades
 adapted to be actuated by the movement of
 the lever bars, means for locking the lever-
 bars in fixed position, and a spring located
 between the lever-bars, substantially as 80
 specified.

In testimony that I claim the above, I
 have hereunto subscribed my name in the
 presence of two witnesses.

CULLEN T. FUNK.

Witnesses:

JOHN H. BISHOP,
F. W. BOND.