No. 859,389. PATENTED JULY 9, 1907.

A. KORMIL.

WHIP SOCKET.

APPLICATION FILED MAY 10, 1906.

Fig. 1.

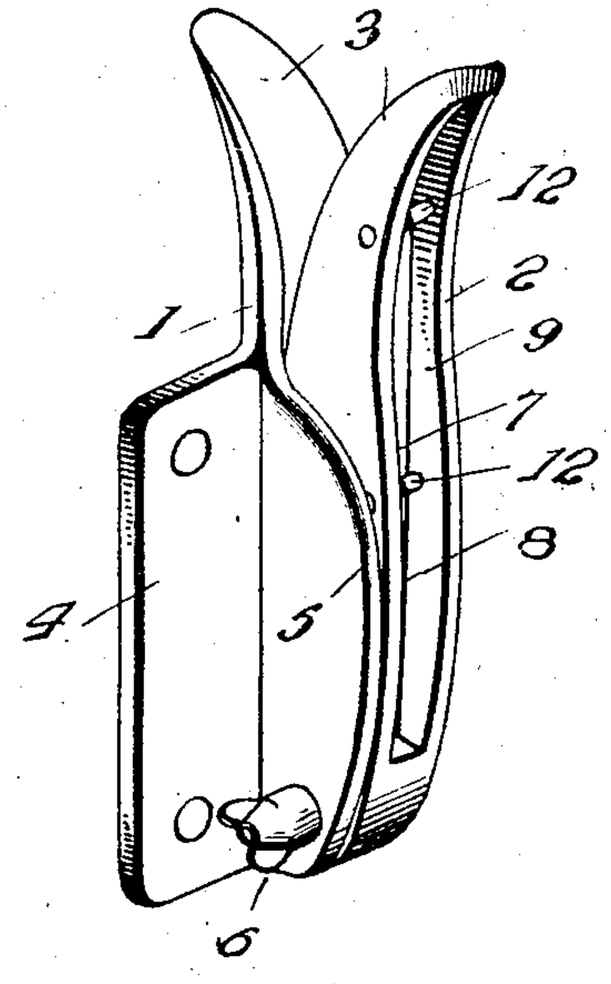


Fig. 2.

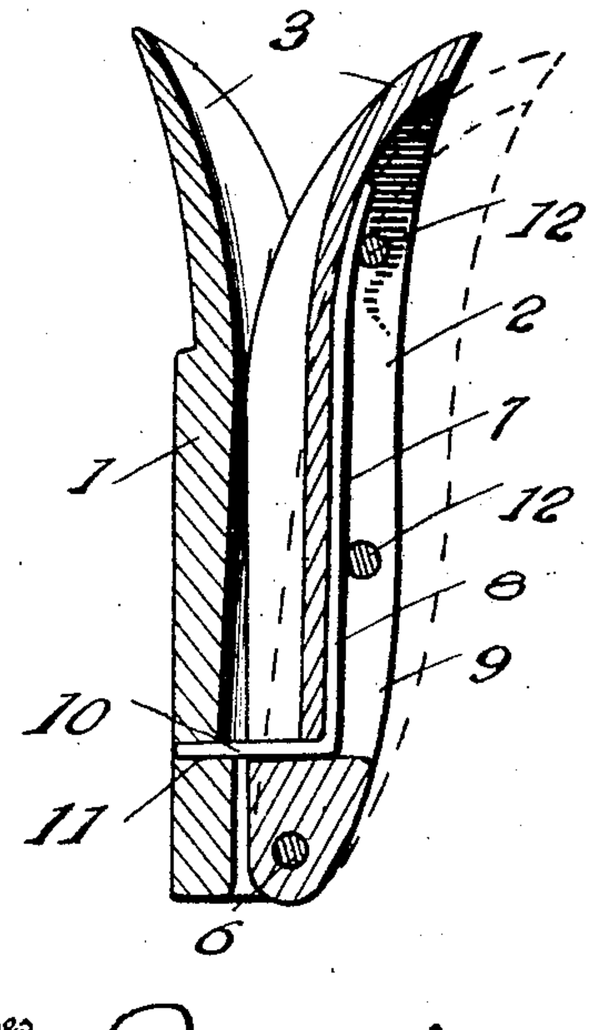
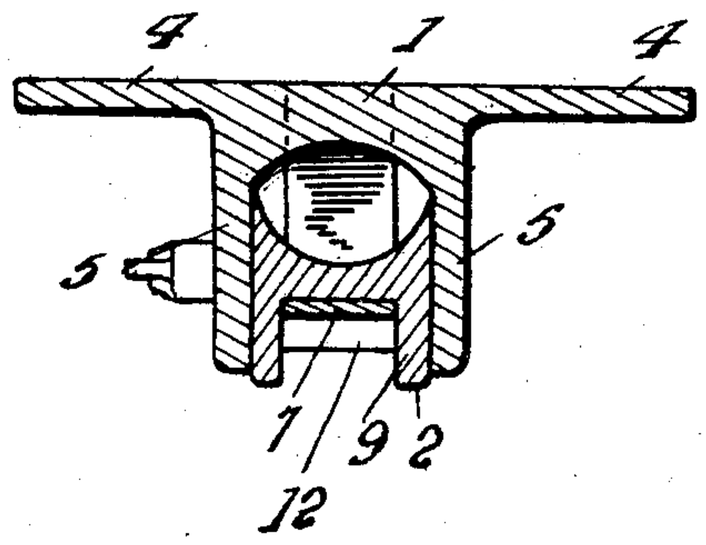


Fig. 3.



Witnesses

W. A. Woodson

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UNITED STATES PATENT OFFICE.

ALEXANDER KORMIL, OF GOLDENDALE, WASHINGTON, ASSIGNOR OF ONE-HALF TO FRED RADLOFF, OF GOLDENDALE, WASHINGTON.

WHIP-SOCKET.

No. 859,389. Specification of Letters Patent. Patented July 9, 1907.

Application filed May 10, 1906. Serial No. 316,207.

To all whom it may concern:

Be it known that I, ALEXANDER KORMIL, a citizen of the United States, residing at Goldendale, in the county of Klickitat and State of Washington, have invented certain new and useful Improvements in Whip-Sockets, of which the following is a specification.

This invention relates to an improved whip socket which is so designed as to comprise few and durable parts which can be cheaply and economically manufactured and which can be easily and quickly assembled.

To this end, the device consists essentially of two jaws which are pivotally connected to each other and a spring member which is peculiarly constructed and secured to said jaws.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of the improved whip socket; Fig. 2 is a vertical sectional view through the same; and Fig. 3 is a horizontal sectional view.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Broadly speaking, the whip socket comprises a fixed jaw 1 which is rigidly secured in position upon the dash-board or other suitable support and a movable jaw 2 which is pivotally connected to the fixed jaw. These two jaws are formed with concave inner faces so as to conform to the shape of the whip and have their upper ends flared outwardly at 3 to form guideways which enable the whip to be readily inserted in the socket. The fixed jaw 1 is provided with means whereby it may be readily secured to any support and for this purpose it is shown in the drawings as provided with lateral flanges 4. The lower end of the movable jaw 2 is pivoted between two outwardly extending flanges 5 which are located upon opposite sides of the concave face of the latter mentioned jaw. A pin 6 is provided for this purpose which passes through corresponding openings in the flanges 5 and the movable jaw 2 and is preferably formed with a wing or finger piece by means of which it can be readily removed should it be desired to take the whip socket apart. This pin 6 preferably has a threaded engagement with one of the openings in the flanges 5 to hold it against accidental displacement. The spring member 7 which is employed in connection with the whip socket is preferably formed with two arms which are disposed at approximately right angles to each other, one of the arms 8 fitting in a longitudinal groove or depression 9 in the outer face of the movable jaw 2, while the opposite arm passes through the movable jaw toward the lower end thereof and engages or fits into a recess 11 in the fixed jaw 1. In order to hold the arm 8 of the spring securely within the groove 9 transverse pins 12 are employed which connect the two sides of the groove and bear against the outer face of the spring.

It will thus be apparent that in assembling the various parts of the socket, the short arm of the spring 7 is thrust through the opening in the movable jaw so as to bring the long arm 8 at the base of the longitudinal groove 9 and the securing pins 12 are then inserted in position. The movable jaw 2 can then be placed in its position with relation to the fixed jaw so that the short arm 10 of the spring engages with the recess 11 of the fixed jaw and the two jaws are then secured together by means of the pin 6. The whip socket is then completely assembled and may be secured in position upon any suitable support as may be desired by means of the lateral flanges 4.

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

1. A whip socket comprising two jaws which are pivotally connected, and a spring member which is formed with two arms arranged at an angle to each other, one of the arms being located in a longitudinal recess in one of the jaws and being held in position by transverse members connecting the sides of the recess, while the opposite arm engages with a recess in the opposite jaw.

2. A whip socket comprising two jaws which are pivotally connected, and a spring member formed with arms arranged at an angle to each other, one of said arms being located in a longitudinal groove in the outer face of one of the jaws and being held rigidly in position by means of transverse pins connecting the sides of the groove, while the opposite end of the spring member passes through the said jaw and engages with the recess in the opposite jaw.

3. In a whip socket, the combination of a fixed jaw, means for securing the fixed jaw to a support, outwardly extending flanges upon opposite sides of the fixed jaw, a movable jaw pivotally mounted between the outwardly extending flanges, and an L-shaped spring member, one arm of which is rigidly secured to the outer face of the movable jaw while the opposite arm passes through the movable jaw and engages with a recess in the fixed jaw.

4. In a whip socket, the combination of a fixed jaw, means for securing the fixed jaw to a support, outwardly extending flanges upon opposite sides of the fixed jaw, a movable jaw pivotally mounted between the outwardly extending flanges, and an L-shaped spring member, one arm of which is located in a longitudinal groove in the outer face of the movable jaw and is held rigidly in position by means of transverse members connecting the sides of the recess, while the opposite arm of the spring member passes through the movable jaw and engages with a recess in the fixed jaw.

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

ALEXANDER KORMIL. [L. S.]

Witnesses:
N. B. BROOKS,
E. O. SPOON.