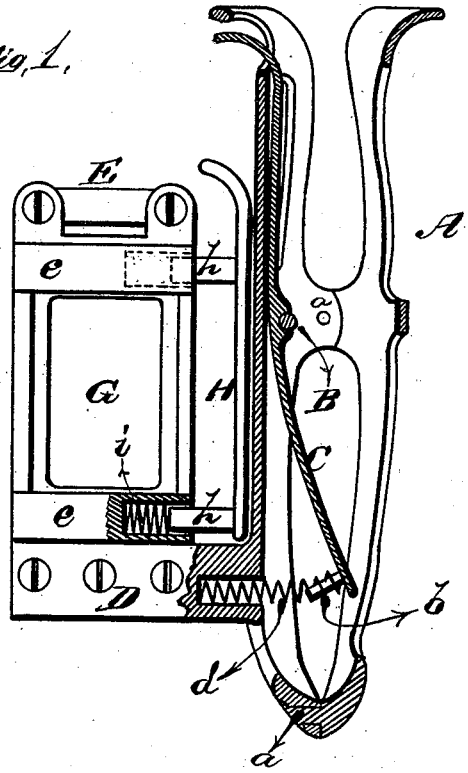
J. W. WEDDEL.

Rein-Holder and Whip-Socket.

No. 196,278. Patented Oct. 16, 1877.

Fig. 1.



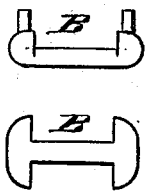


Fig. 2.

WITNESSES

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JOHN W. WEDDEL, OF FREEPORT, ILLINOIS.

IMPROVEMENT IN REIN-HOLDER AND WHIP-SOCKET.

Specification forming part of Letters Patent No. **196,278**, dated October 16, 1877; application filed September 8, 1877.

To all whom it may concern:

Be it known that I, JOHN W. WEDDEL, of Freeport, in the county of Stephenson and State of Illinois, have invented a new and valuable Improvement in Combined Rein-Holder and Whip-Socket; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of vertical sectional view of my combined rein-holder and whip-socket, and Fig. 2 a detail view thereof.

The nature of my invention consists in the construction and arrangement of a combined rein-holder and whip-socket, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents a skeleton whip-socket, preferably made in two parts, as shown, and riveted firmly together at *a*. To the inside of the socket, at or near the middle, to one of the parts, is riveted an I-shaped piece, B, the center-bar of which forms a fulcrum for a lever, C, placed between it and the part of the socket to which said piece B is riveted. This lever is curved substantially in the manner shown, and has across its center a groove or indentation to fit over the center-bar of the piece B. The lower end of the lever C is, on its rear side, provided with a pin, *b*, around which is placed a spiral spring, *d*, the rear end of said spring entering a recess made in the lower end of the socket. The normal position of the lever C, as held by the spring *d*, is such that the lower half of the lever runs somewhat diagonally across the lower half of the socket, while the upper half of the lever lies against the side of the socket, and the extreme upper end of the lever is formed with an outwardly-projecting lip, which extends through an aperture in the mouth of the socket.

It will readily be seen that this lever, by means of its curvature and the action of the spring upon it, accommodates itself to any sized whip and holds the same firmly, thus adapting the rigid whip-socket to all sizes of whips, while the spring prevents any rattling of the lever or binding-plate when no whip is in the socket.

From the lower end of the inner part of the socket extends an arm, D, to which, by suitable bolts, is fastened an upright skeleton-frame, G, said frame being near the top and bottom provided with suitable clamps E E, for fastening the entire device to the dash of the vehicle.

In the frame G, near the top and bottom, are formed tubular projections *e e*, running across the frame on one side, said tubes being closed at the outer ends and open at the inner ends, which face the whip-socket. In each tube *e* is inserted a spiral spring, *i*, and then against said springs are inserted two horizontal pins, *h h*, which project from a vertical bar, H, having its upper end curved, substantially as shown. The action of the springs *i i* upon the pins *h h* is to press the bar or arm H against the side of the whip-socket, and thus form a clamp into which the reins can be easily inserted and held firmly.

What I claim as new, and desire to secure by Letters Patent, is—

1. The I-shaped piece B, riveted to the inside of the whip-socket A, to form a fulcrum for the lever or binding-plate C, as herein set forth.

2. In combination with the whip-socket A, the arm D, frame G, with clamps E and tubes *e*, the springs *i*, and bars H, with pins *h*, all substantially as and for the purposes set forth.

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

JOHN W. WEDDEL.

Witnesses:

JOHN HEA,

J. M. HORRELL.