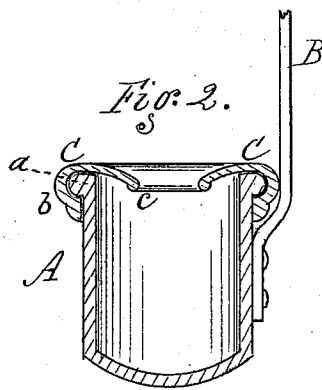
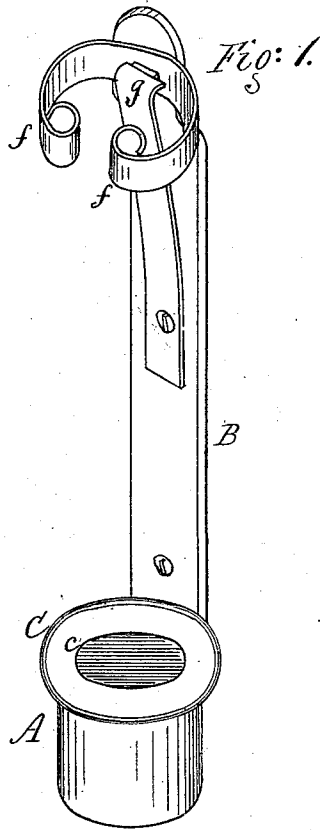


A. V. M. SPRAGUE.

Whip-Sockets.

No. 149,614.

Patented April 14, 1874.



Witnesses.

H. D. McNaughton.
R. F. Osgood.

Inventor.

A. V. M. Sprague

UNITED STATES PATENT OFFICE.

AUSTIN V. M. SPRAGUE, OF ROCHESTER, NEW YORK.

IMPROVEMENT IN WHIP-SOCKETS.

Specification forming part of Letters Patent No. **149,614**, dated April 14, 1874; application filed September 4, 1873.

To all whom it may concern:

Be it known that I, AUSTIN V. M. SPRAGUE, of the city of Rochester, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Whip-Sockets; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same.

My invention consists, as an improved article of manufacture, of a whip-socket consisting of a base-socket and a vertical standard, said base-socket having a molded rubber guide, and said standard having two side springs and a back spring, for the purpose hereinafter described.

In the drawings, Figure 1 is a perspective view. Fig. 2 is a section of the base-socket.

A is the base-socket, and B the standard. The former consists simply of a short socket of suitable diameter to receive the butt of the whip-stock, and having a bead, *a*, at its top, over which is stretched the molded rubber cap or guide C. This cap has sufficient body, *b*, to retain position and to present an ornamental appearance, and it has also a flange, *c*, which projects inward toward the center, leaving only an opening of sufficient size to allow the butt of the whip to be inserted and removed easily, but binding at all times upon the same when in place, and keeping it centered, and preventing loose action. This cap differs from others by being molded in proper form and being stretched over the top of the base-socket, instead of being situated inside, as has heretofore been done. This arrangement allows it to be easily replaced when worn out, as a new one can be stretched on in its place. The standard B consists of an upright arm riveted or otherwise attached to the base-socket. At the top it has two side springs, *ff*, and a back spring, *g*, the whole forming an open socket, into which the stock of the whip is pressed horizontally after the butt of the same has been inserted in the base-socket, as before described. When the stock is thus inserted the side springs clamp against its sides, toward the front, while the back spring holds against its rear, the whole

thus holding it in a firm embrace that allows no loose action or rattling.

In withdrawing the whip it is only necessary to pull horizontally to relieve it from the springs *ffg*, and then raise it vertically to free it of the base-socket.

The side springs *ff* may be made either separate or in one piece; but I prefer the latter, as shown, the same being bolted to the standard by a square bolt to prevent turning. The ends of the springs are also preferably bent or turned around, as shown, to allow easy passage of the whip-stock.

The back spring may be either a flat spring or of any other form that will answer the same purpose.

The whip-socket may be attached to the dash by screws *kk*, or in any desired manner.

This device differs from others in making the body of the same of a single upright standard, B, instead of a closed socket the whole length, and also in the use of the molded rubber cap C, so located upon the outside of the base-socket that it can be removed at any time; and, furthermore, in the employment of the side springs *ff* and back spring *g*, whereby an open socket is formed at the top, which allows the horizontal passage of the whip-stock.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The standard B, having the side springs *f* and rear spring *g*, in combination with the socket A and molded rubber cap C, substantially as described.

2. The molded rubber cap C, formed with the opening *c* and body *b*, and adapted to the socket A, as herein shown and described, for the purpose specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

A. V. M. SPRAGUE.

Witnesses:

R. F. OSGOOD,
E. B. SCOTT.