

E. W. SCOTT.
Whip-socket Clasps.

No. 166,724.

Patented Aug. 17, 1875.

Fig. 1.

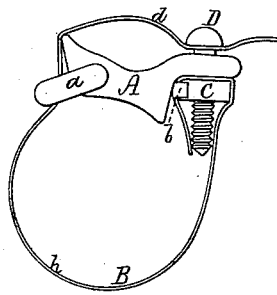


Fig. 2.

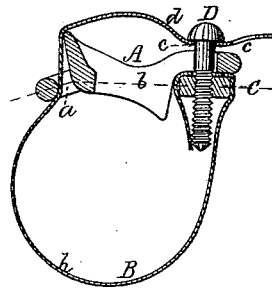


Fig. 3.

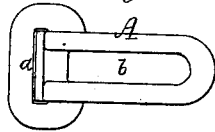
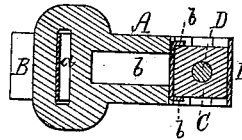


Fig. 4.



Witnesses
S. N. Piper
L. N. Keller

Erastus W. Scott.
by his attorney
R. H. Eddy

UNITED STATES PATENT OFFICE.

ERASTUS W. SCOTT, OF WAUREGAN, CONNECTICUT.

IMPROVEMENT IN WHIP-SOCKET CLASPS.

Specification forming part of Letters Patent No. **166,724**, dated August 17, 1875; application filed January 12, 1875.

To all whom it may concern:

Be it known that I, ERASTUS W. SCOTT, of Wauregan, of the county of Windham and State of Connecticut, have invented a new and useful Improvement in Whip-Socket Clasps; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 a longitudinal section, of one of my improved clasps. Fig. 3 is a side view of its saddle. Fig. 4 is a horizontal section taken through the nut, the saddle, and the band.

The clasp in question is to encompass a whip-socket firmly, and hold it in connection with the dasher of a carriage; and it mainly consists or is composed of a metallic band or screw-nut or female screw in the band, a clamp-screw, and a saddle provided with an eye to receive the band, all as hereinafter explained.

The first part of the mechanism is the saddle A, which, shaped externally as represented, is provided at its rear with an eye, *a*, and is slotted lengthwise, as shown at *b*.

The second part of the mechanism is the metallic band or belt B, which goes through the said eye *a*, and extends over the top of the saddle, and is curved around circularly below it, in manner as represented. The bend is extended or bent around a screw-nut, C, or embraces it on two opposite edges, as shown in Fig. 2. Furthermore, the band has lips *b b* turned down from it against the other two opposite edges of the nut, such being exhibited in Fig. 4.

A clamp-screw, D, goes through one of a series of holes, *c c*, in the part *d* of the band, which part *d* I term the rider, and thence goes through the slot *b*, and is screwed into and through the nut. It also goes through that part of the band which is over the top of the nut. By having two or more holes in the rider of the band, the said band becomes adjustable or can be taken up, as occasion may

require. So, by having the lips to the band, and the band to embrace the nut on its opposite edges, the nut and band will be kept in connection when the screw is out of the nut.

In using the article the whip-socket is to be encompassed by the part *h* of the band which is below the saddle, the part *d* and the saddle being clasped about the dasher or one edge thereof, and the screw being run through the dasher and screwed into the nut. On setting up the screw the band and the saddle will be drawn firmly upon the whip-socket, and also upon the dasher or its covered frame. The slot of the saddle will have the leather of the dasher so pressed into it as to prevent the clasp from settling downward on the dasher, so as to enable the screw to tear or strain down or crack the leather of the dasher, as it would otherwise be liable to on a whip being pressed or jammed down into the socket, or pulled up and out of it.

I do not claim a whip-socket clasp made as represented in the United States Patent No. 149,045, in which two separate and distinct elastic bands are employed with the saddle. In my clasp one band only is used with the saddle, it being operated by a screw and nut, so as not only to confine the clasp to the whip-socket, but to the dasher.

I claim as my invention—

1. The improved whip-socket clasp, as described, viz., as composed of the metallic band B and the screw-nut C, in combination with the screw D and the saddle A, provided with the eye *a*, all arranged and to operate substantially as set forth.

2. The band B, arranged with or to clasp the nut C on two opposite sides thereof, and having lips *b b* to embrace the nut on its other two opposite sides, all as set forth.

ERASTUS W. SCOTT.

Witnesses:

R. H. EDDY,
J. R. SNOW.