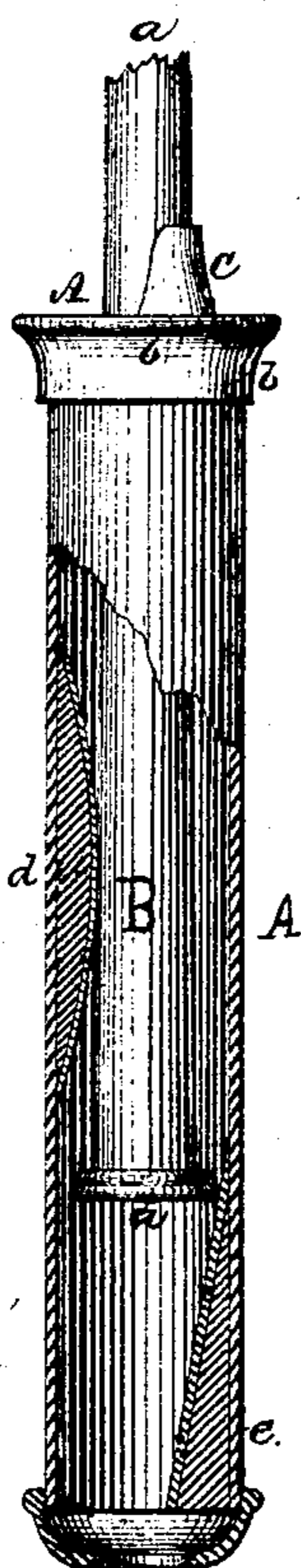


A. SEARLS.  
Whip-Sockets.

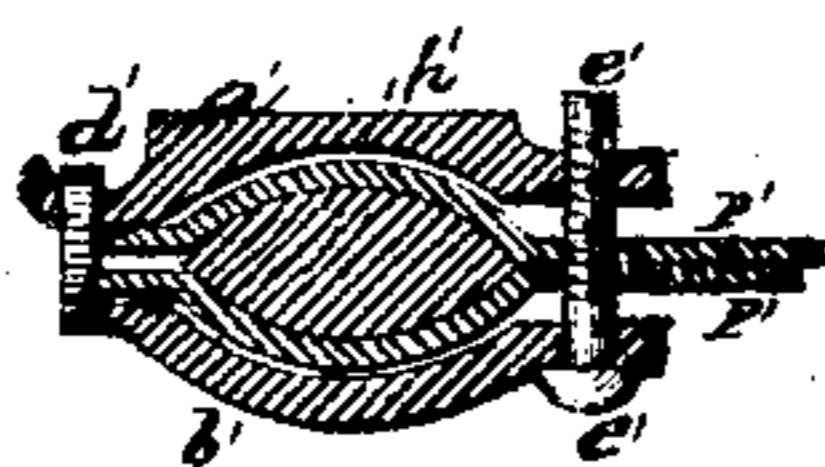
No. 139,026.

Patented May 20, 1873.

*Fig. 1.*



*Fig. 2.*



*Witnesses*  
*John A. Ellis.*  
*Wm K. Eells*

*Inventor*  
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# UNITED STATES PATENT OFFICE.

ANSON SEARLS, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN WHIP-SOCKETS.

Specification forming part of Letters Patent No. **139,026**, dated May 20, 1873; application filed September 30, 1872.

*To all whom it may concern:*

Be it known that I, ANSON SEARLS, of Newark, New Jersey, have invented certain new and useful Improvements in Whip-Sockets and Fasteners, which are simple in construction, efficient in operation, and durable in use; and it consists in the construction of a straight tubular socket, which will hold the whip erect, without regard to the ordinary size of the whip, by a clamping pressure, and in the construction of a fastener, as hereinafter more fully described and pointed out by the claim; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art, to which it appertains, to make and use the same, reference being had to the accompanying drawing, with letters of reference marked thereon, forming a part of this specification, in which—

Figure 1 represents a whip-socket embodying my invention, with a portion being broken away, showing the interior; and Fig. 2 is a longitudinal section of the fastener.

A represents the tubular socket having a ring, *b*, at the top, said ring being provided with an upward-extending semi-annular projection C, smaller in diameter than the ring *b*, and arranged so that its concave side is at one side of the center of the socket. At or near the center of the socket I insert an oval or other suitable projection or raised portion, *d*. At or near the bottom of the socket is another projection, *e*, placed on the opposite side from the projection *d*, said portion *e* having an incline face, the bottom of which extending nearly to the center of the socket, while, as it extends upward, it gradually diminishes in size and, at the top, fits closely to the interior of the socket. By this con-

struction the butt *a* of a whip, B, is inserted in the top of the socket on one side of the projection C, sliding down past the projection *d*, which throws the whip to the opposite side of the socket, so that it impinges against the projection *e*, by which means it is held firmly in place, and the socket, by this construction, accommodates itself to any ordinary size of whip. The fastener, in construction, consists of the parts *a'* and *b'*, the part *b'* being provided with a perforation at *d'*, while the part *a'* is provided with loop or hook to correspond, making a detachable hinge, so that as the set screw *e'* is removed, the parts *a'* and *b'* will not only open as a hinge, but may be separated, which is found to be of great advantage in attaching and detaching the same to and from the carriage. *p' p'* represent the leather, and *h'* the dash-rail, of the ordinary carriage, but the fastener may be used on any desired part of the vehicle. The fastener may be attached to the socket by a screw, or by any other convenient or desired mode of fastening.

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

1. The straight tubular socket A provided with the projections C and *d*, and incline *e*, constructed and arranged substantially as and for the purpose herein set forth.

2. The fastener, consisting of the perforated part *b'*, loop or hook portion *a'* forming the detachable hinge *d'*, and provided with the set-screw *e'*, substantially as and for the purpose specified.

ANSON SEARLS.

Witnesses:

JOHN S. HALL,  
WILBER H. SAGE.