

E. W. SCOTT.
Whip-Socket.

No. 213,137.

Patented Mar. 11, 1879.

Fig. 1.

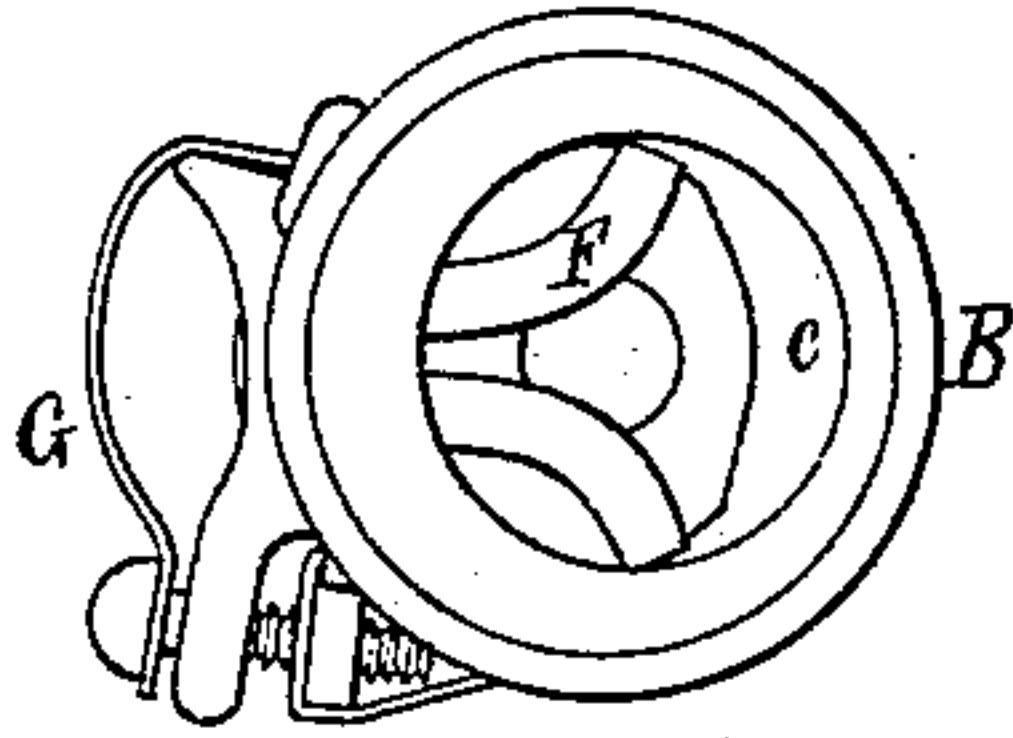


Fig. 8.

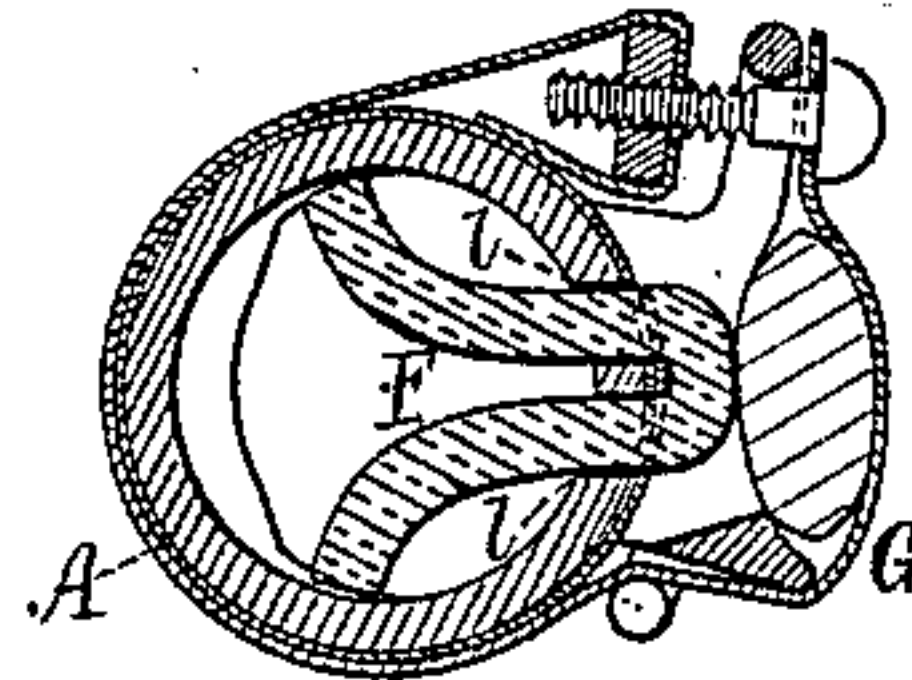


Fig. 2.

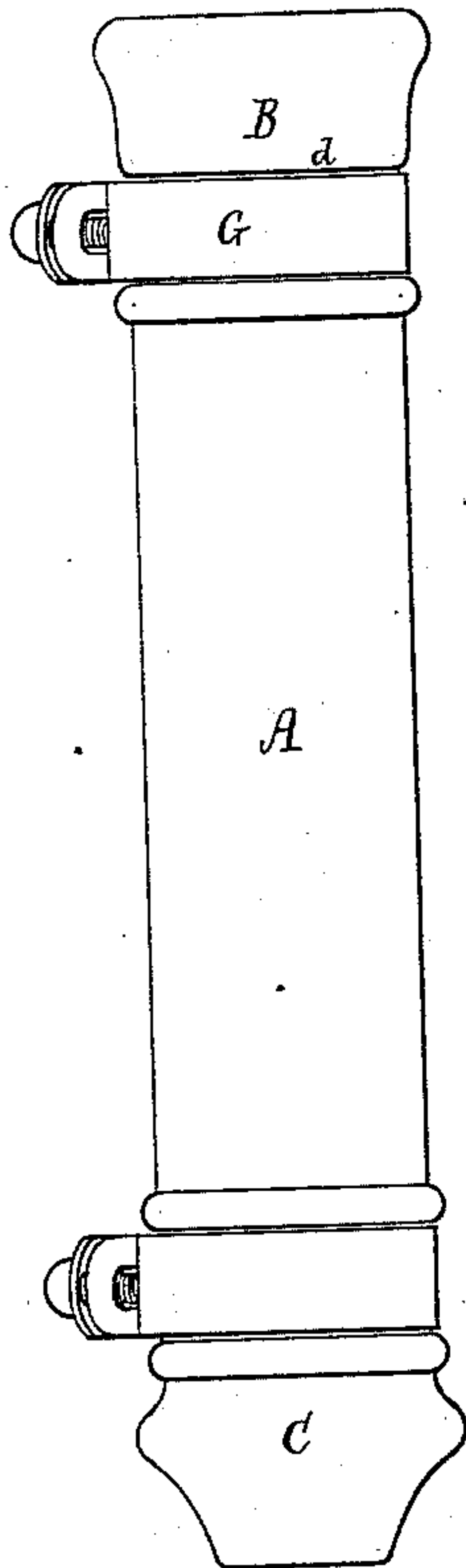


Fig. 5.

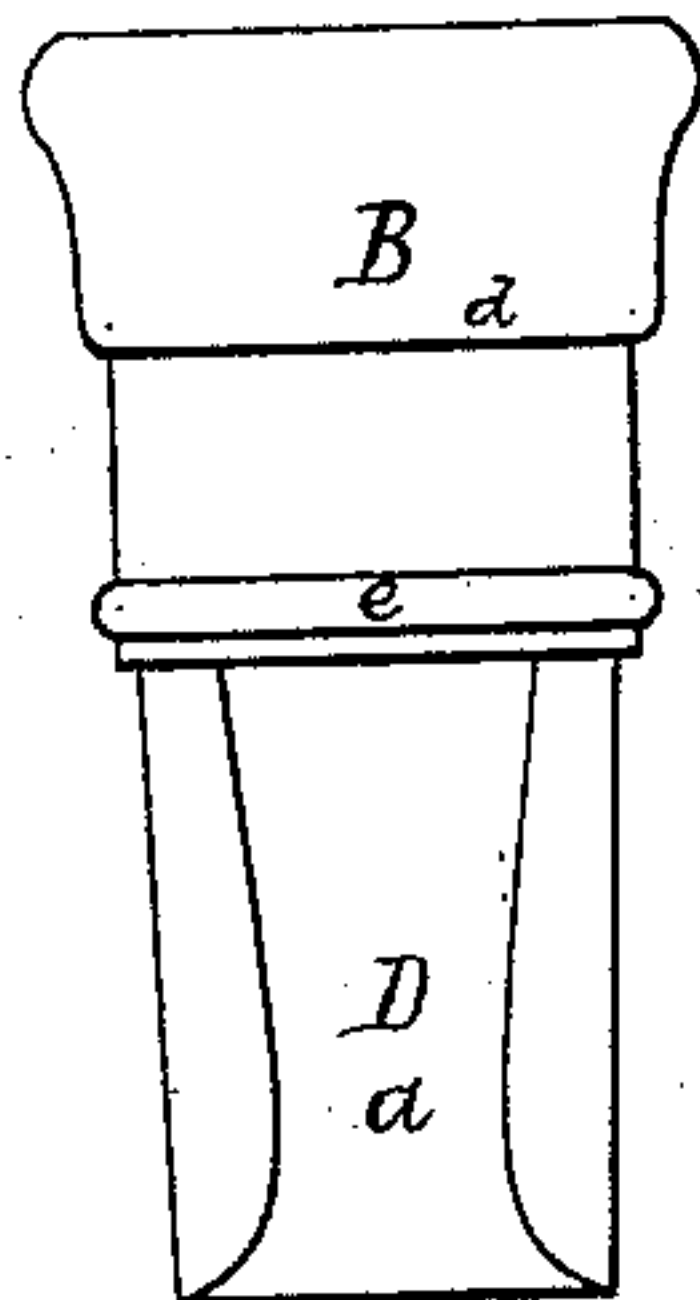


Fig. 3.

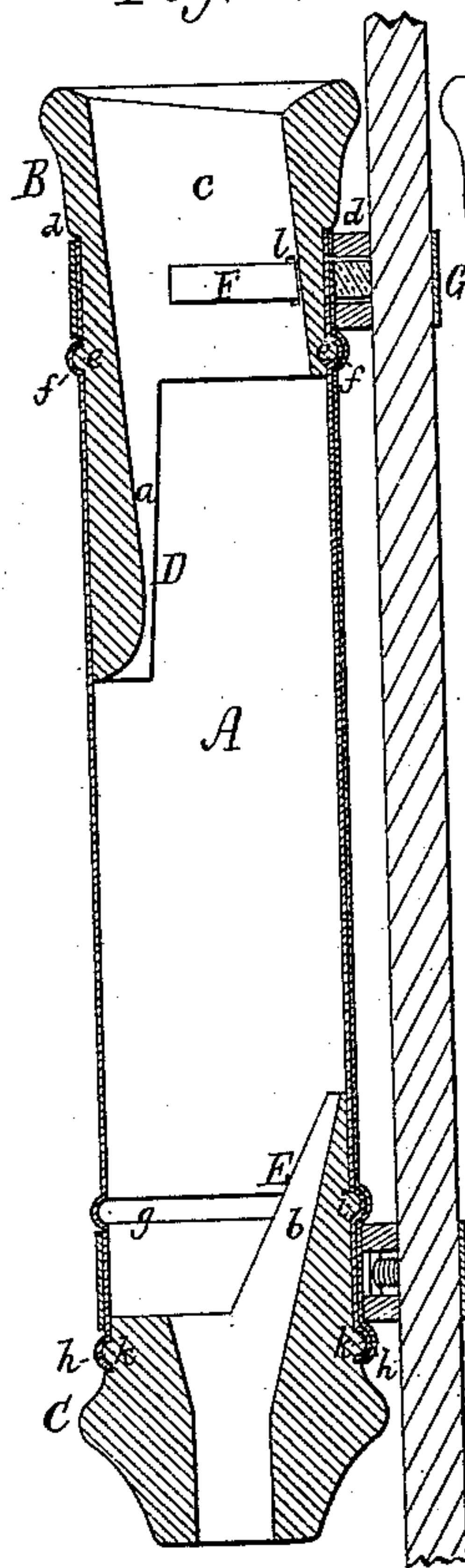


Fig. 4.

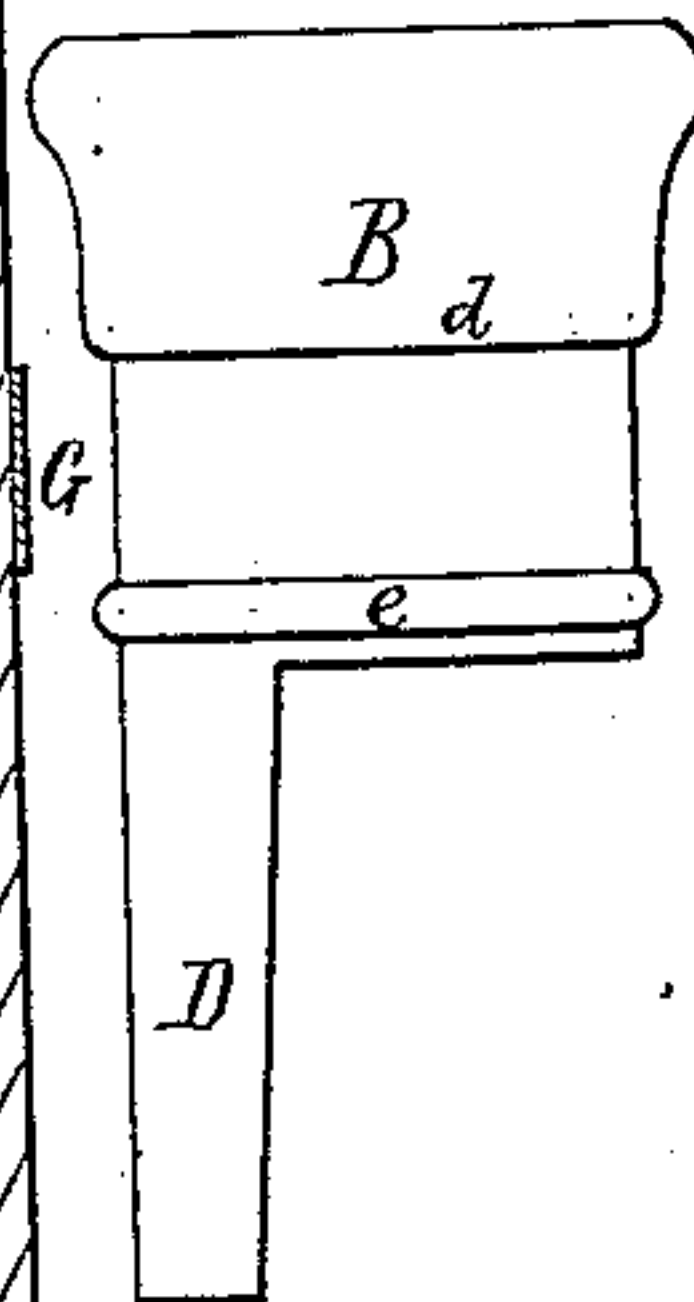


Fig. 7.

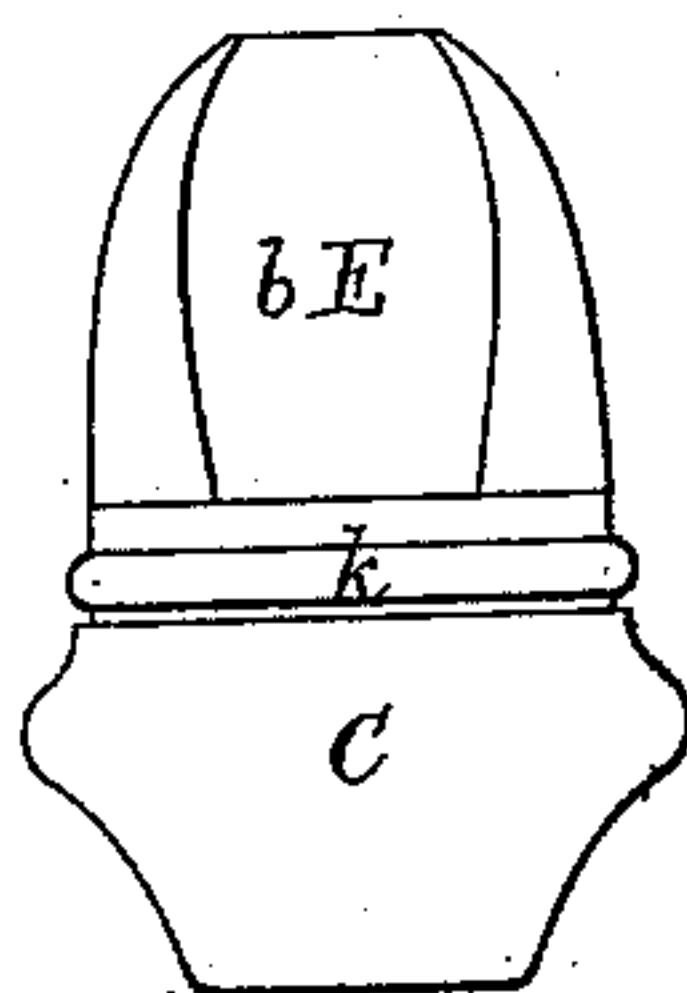
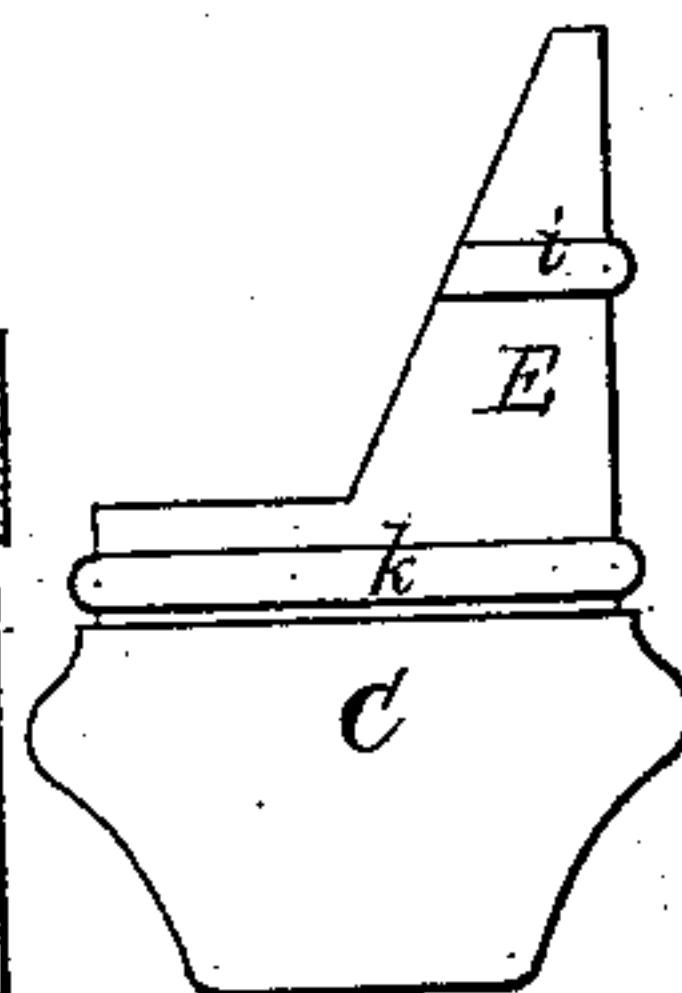


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN WHIP-SOCKETS.

Specification forming part of Letters Patent No. **213,137**, dated March 11, 1879; application filed January 22, 1879.

To all whom it may concern:

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

Figure 1 is a top view, Fig. 2 a side elevation, and Fig. 3 a vertical section, of a whip holder or socket provided with my invention. Fig. 4 is a side view, and Fig. 5 a front elevation, of the mouth-piece, Fig. 6 being a side view, and Fig. 7 a front view, of the bottom piece. Fig. 8 is a horizontal and transverse section of the holder, such section being taken through the flexile or elastic strip arranged in the upper part of such holder.

The nature of my invention is fully set forth in the claims hereinafter presented.

The holder, as described, is an improvement with reference to what are termed "three or four bearing whip-holders," one of which is shown in the United States Patent No. 110,503, granted to me.

In carrying out my present invention, I compose the whip-holder of a tube, A, and a separate eccentrically-bored mouth-piece, B, and a bottom piece, C, provided with bearing-extensions D E, formed and arranged substantially as represented. The whip-stock bearings of such extensions are shown at *a b*, the stock also having a bearing in the eccentric mouth *c* of the mouth-piece, and against the tube opposite the extension E of the bottom piece.

Each extension, on its outer surface, is formed to fit to the inner surface of the tube. Furthermore, each is tapered, as shown, and hollowed out or made concave on its inner side.

The mouth-piece extends down within the tube, the top of which rests against a shoulder, *d*, extending around the mouth-piece; and, besides, the said mouth-piece is formed or provided with a tongue or fillet, *e*, extending from and around it, such fillet being to enter a corresponding groove, *f*, made in the tube. Two such grooves, *g h*, are also formed in the tube, near its lower end, they being to receive corresponding fillets *i k*, projecting from the bottom piece.

The tube is constructed of a rectangular piece of thin sheet metal, bent in a cylindrical form, with one edge overlapping the other a little.

After the bottom and mouth pieces C B have been put in place in the tube, which will readily spring open to admit of their being inserted in it, the joint of the tube is to be closed by solder, from which it will be seen the mouth and bottom pieces will be firmly fixed in place in the tube.

On a whip-stock being inserted in the holder, such stock, at its butt, will bear against the inner surfaces of the tube and the extension E of the bottom piece. It will also bear against the inner surfaces of the mouth-piece bore and the extension D, the bearings serving to firmly hold the stock in place. Furthermore, to adapt the holder for receiving small as well as large whip-stocks, I insert in it, through two holes, *l l*, in its upper part, a strip, F, of rubber or other proper yielding material, to extend within the stock, as shown in Fig. 8, such strip being held in place by the socket-supporter G, which bridges over the strip at its middle.

Sometimes I reverse the strip in the holes—that is to say, I insert its ends through them from the bore of the holder outward, and pass a pin or wire through the parts of the strip that may extend beyond the outer surface of the holder, such parts being afterward bent down, so as to be covered by the supporter. This elastic or yielding strip will aid in supporting in the holder a whip-stock, especially when of small diameter, and will also operate to prevent it from working loose therein.

What I claim as my invention is as follows:

1. The improved whip-holder consisting of the tube A, the separate mouth and bottom pieces B C, and their bearing-extensions D E, constructed and arranged substantially as set forth.

2. The separate mouth and bottom pieces, having fillets and bearing-extensions, as described, in combination with the tube A, provided with the grooves to receive the fillets, as set forth.

3. The flexile or elastic strip F, arranged with and applied to the whip-holder, and sustained by its supporter G, substantially as described.

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Witnesses:

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