

(No Model.)

F. E. BENTON.
WHIP SOCKET.

No. 405,524.

Patented June 18, 1889.

Fig. 1.

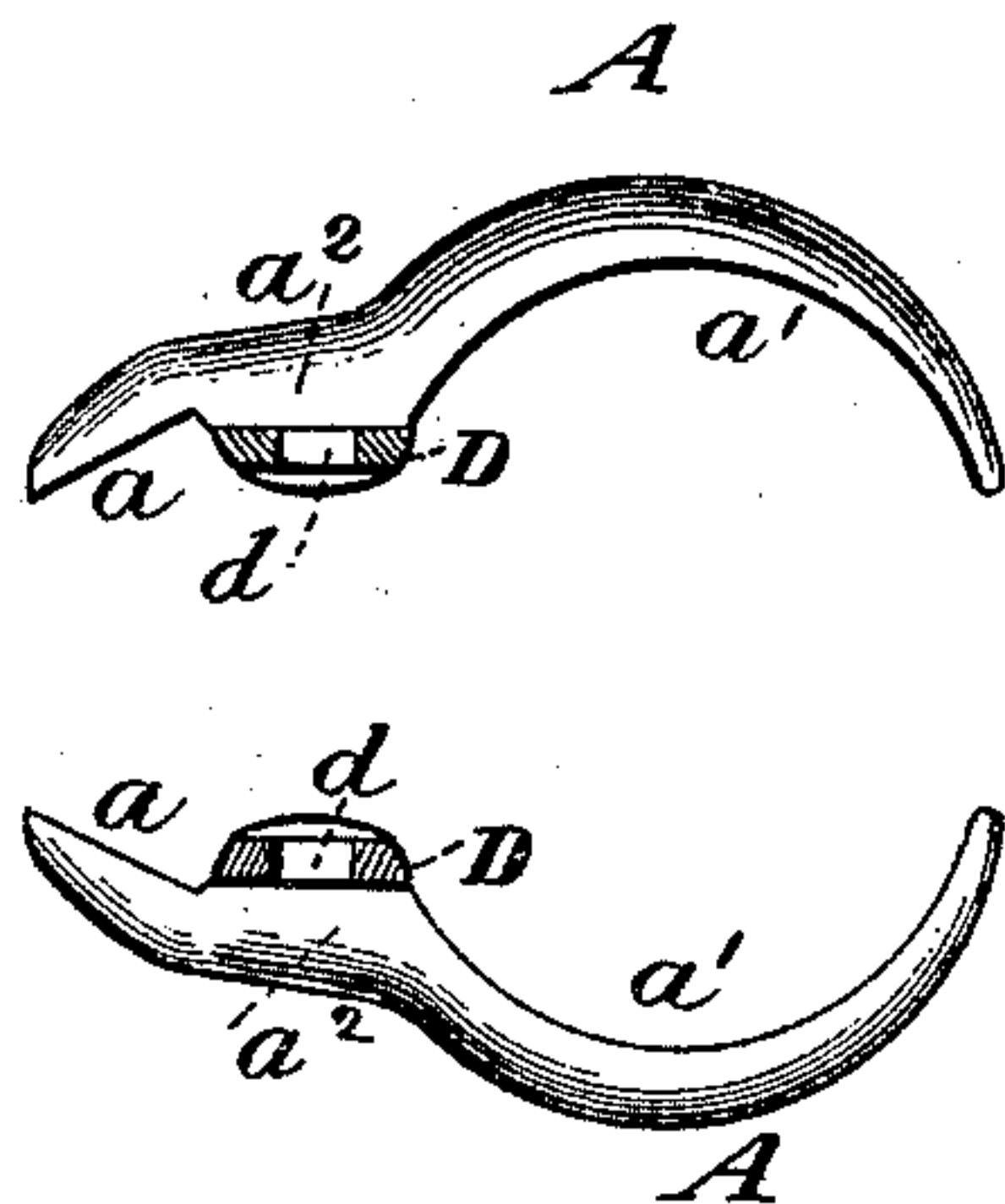


Fig. 2.

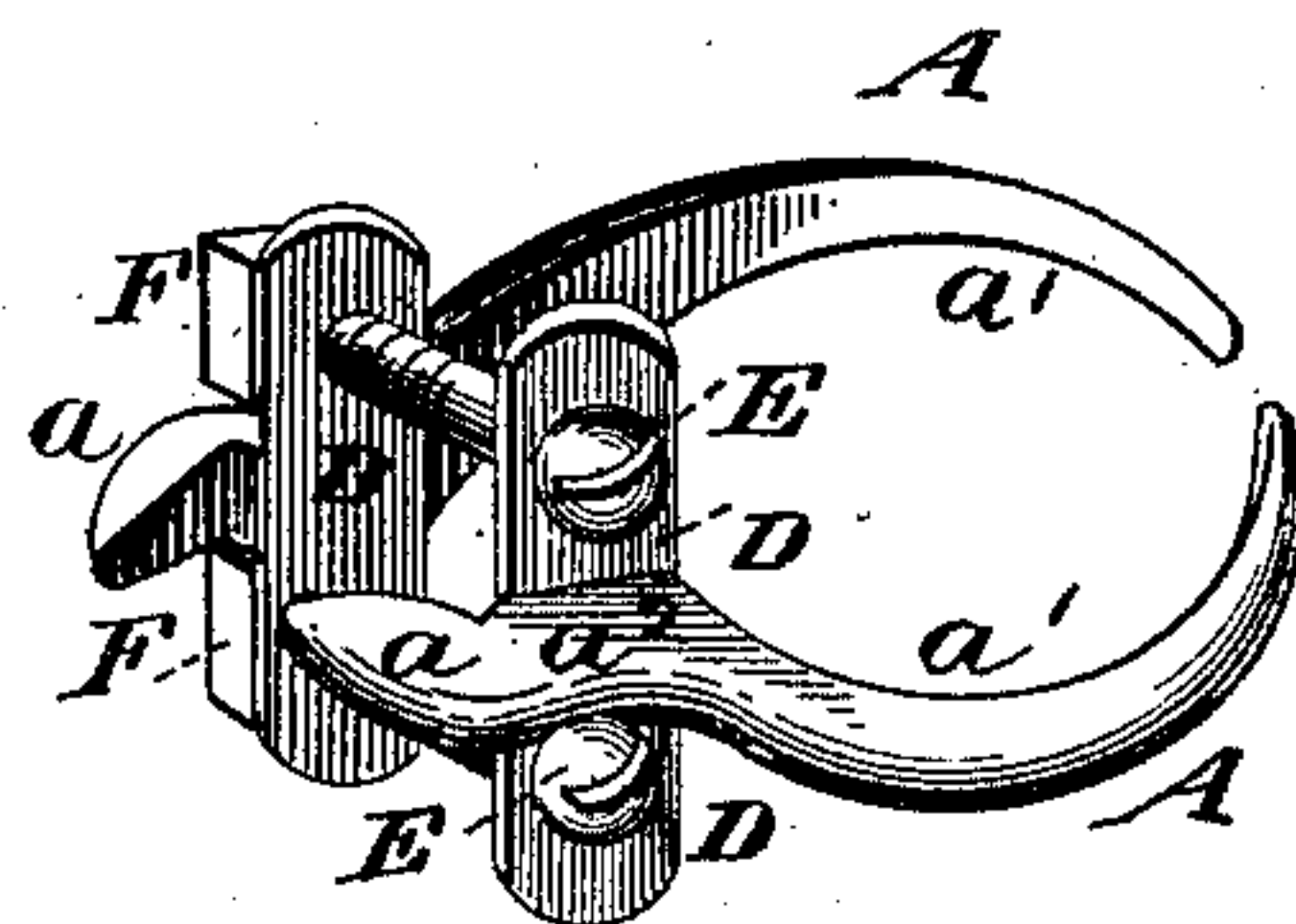
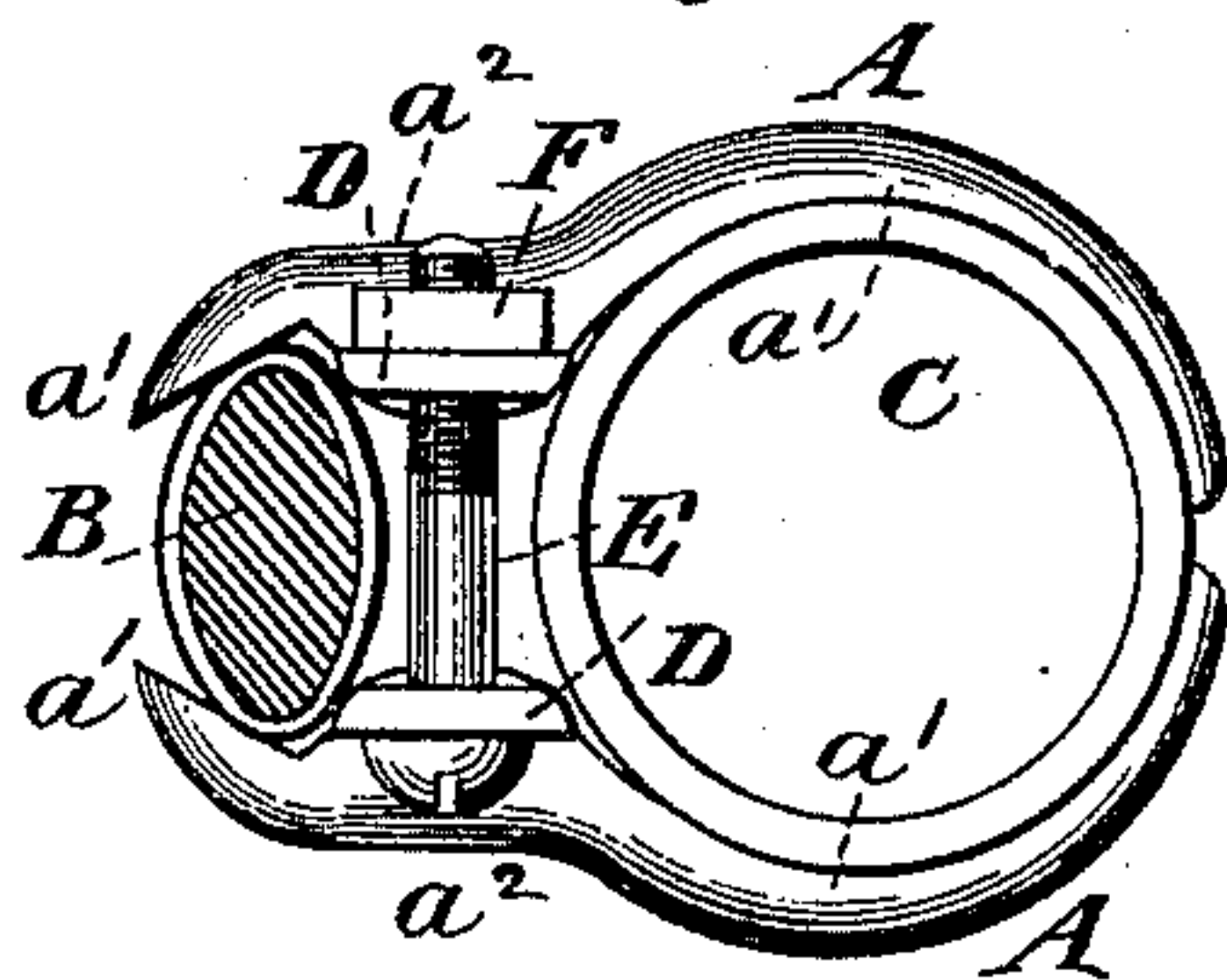


Fig. 3.



Witnesses.
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FRANCIS E. BENTON, OF STOUGHTON, MASSACHUSETTS.

WHIP-SOCKET.

SPECIFICATION forming part of Letters Patent No. 405,524, dated June 18, 1888.

Application filed November 17, 1888. Serial No. 291,124. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS E. BENTON, a citizen of the United States, residing at Stoughton, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Whip-Socket Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The special object of my invention is to improve the old Chamberlain whip-socket holder first described in Patent No. 43,896, wherein, after comparatively little use, the whip-socket plays up and down with a rattling noise.

Figure 1 of the drawings is a detail view of the two sections; Fig. 2, a perspective view of the same with their screws and nuts, and Fig. 3 a plan view showing the holder applied to rail and socket.

In the drawings, A A represent two sections of the holder with corresponding jaws *a a* to clamp the dash-rail B and corresponding jaws *a' a'* to grasp the whip-socket C. This construction is described in Patent No. 43,896; but therein the sections are described as held together by a single screw passing through the sections between the rail and socket-jaws *a a'*.

To prevent the whip-socket from working

loose, rattling, or working up and down in the holder, I make integral cross-plates D D on the inside faces of the sections A A, provide them with screw-holes *d d*, and so arrange the plates as to leave the ribs *a²* between the said holes *d d*. The screws E E have nicked heads, so that they may be worked into the nuts F F, which are held on the plates D D with one side resting against the rib *a²*. Thus it will be seen that the nuts cannot possibly turn, while the round heads of the screws will pass below the upper edge of rib *a²*, so as not to be liable to be struck or moved by anything.

Each plate D serves as a lever whose fulcrum rests upon the point of pressure, and each arm is held down by screw-power at its outer end. In this way the holder makes a tight, close, and unchangeable joint with the dash-rail and the whip-socket.

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

A whip-socket holder consisting of the two parts A A, having jaws *a a* and intermediate rib *a²*, the screws E E, and the plates D D, the latter held with respect to each other by the said screws and their nuts F, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS E. BENTON.

Witnesses:

EUGENE H. MOORE,

GEORGE H. WHEELER.