

(No Model.)

F. D. FORD.  
BUTTON FASTENER.

No. 279,560.

Patented June 19, 1883.

Fig. 1.

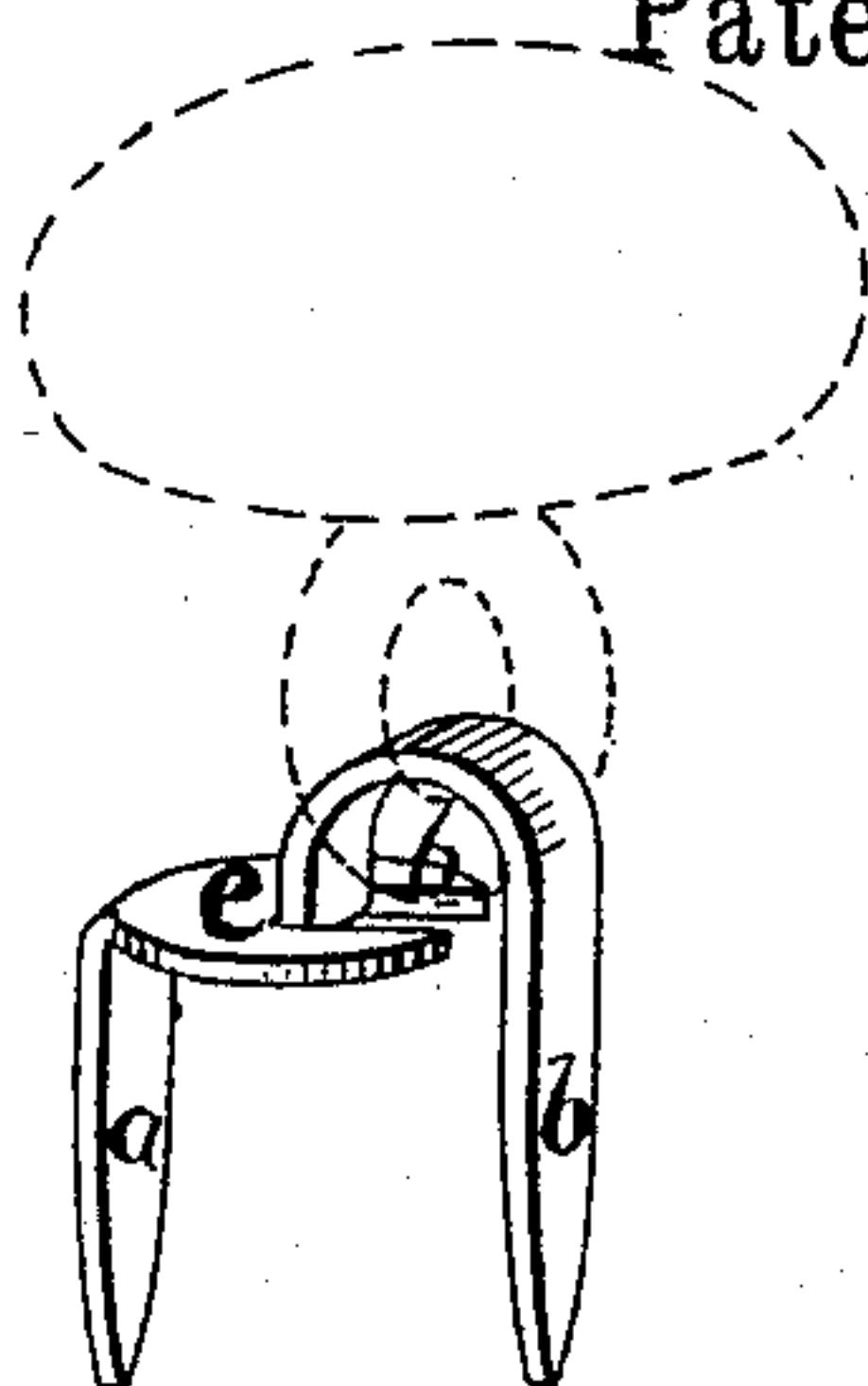


Fig. 2.

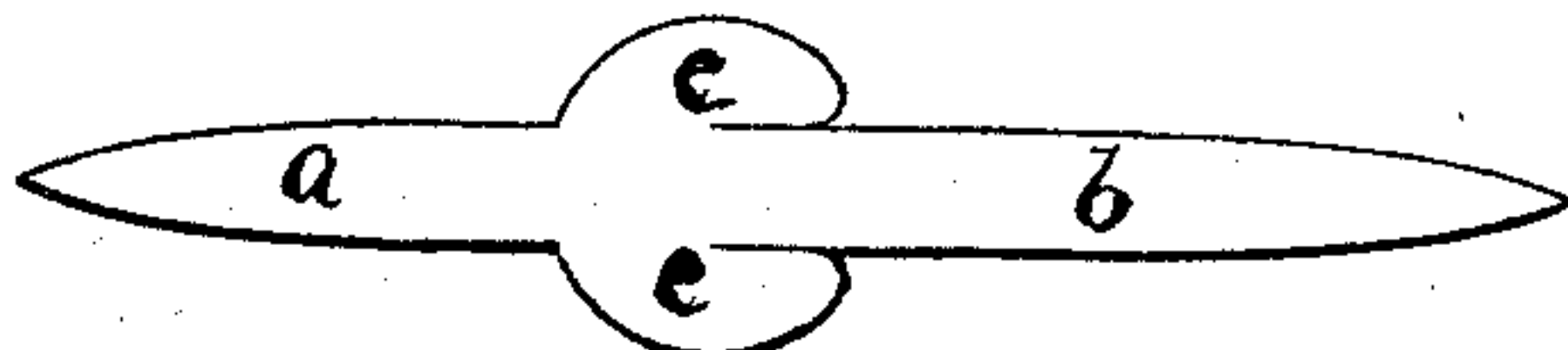


Fig. 3.

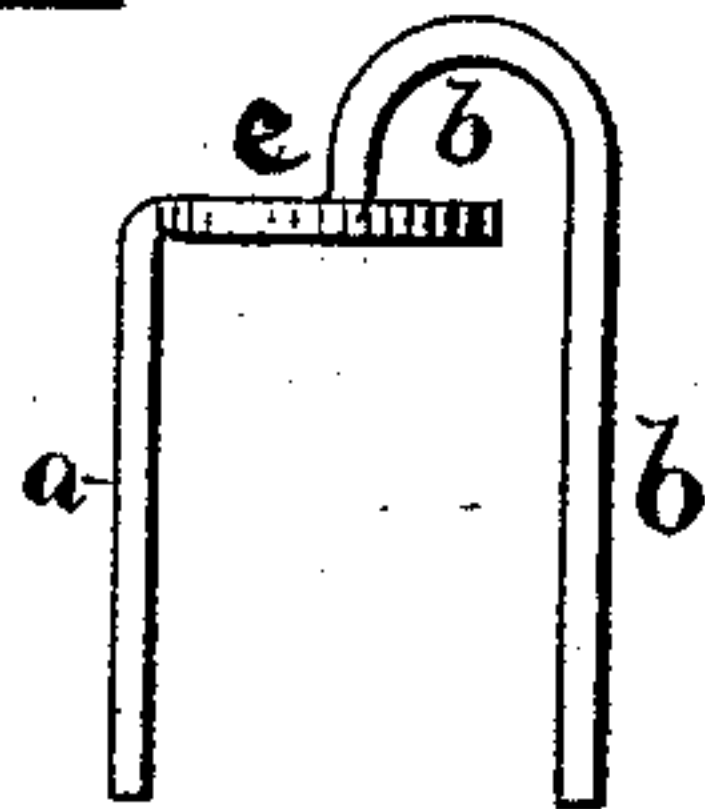


Fig. 4.

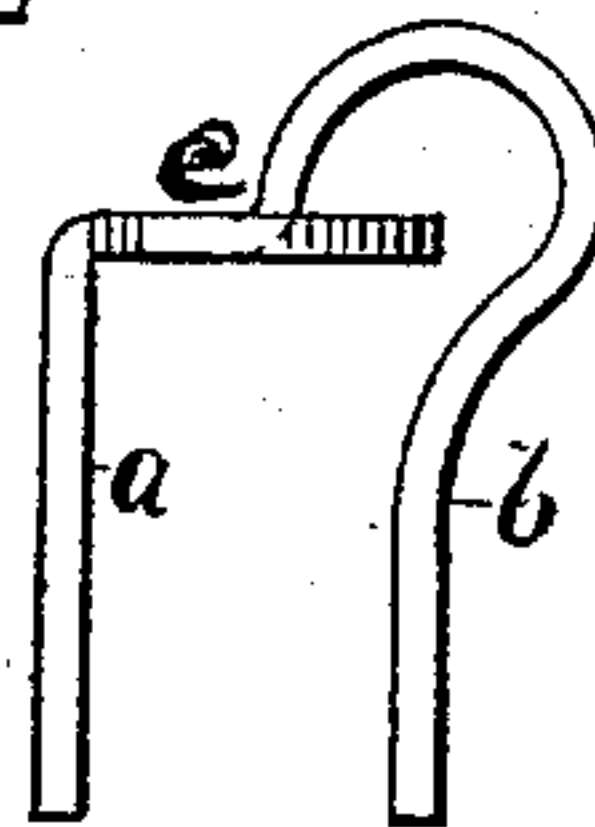
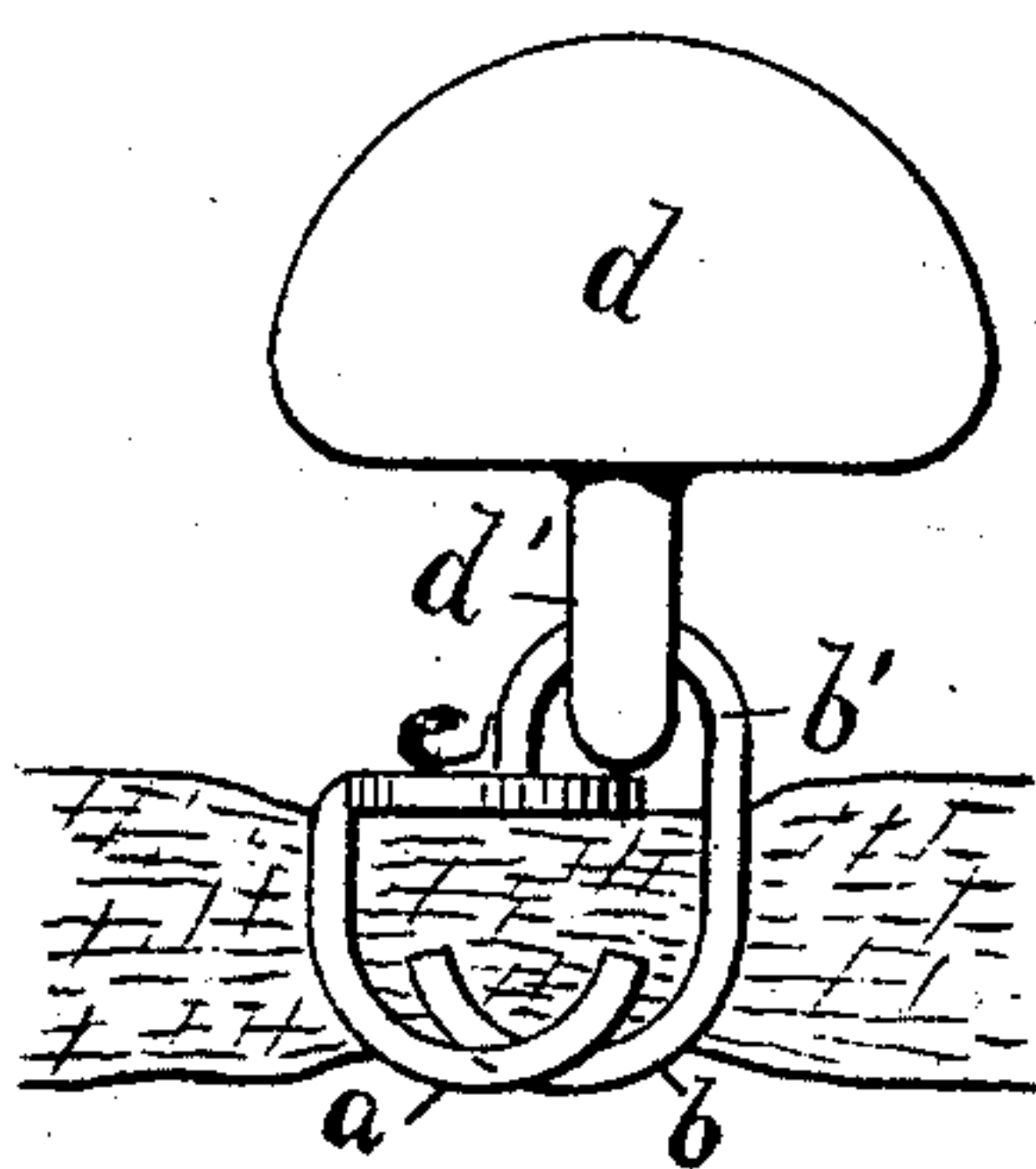


Fig. 5.



WITNESSES

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# UNITED STATES PATENT OFFICE.

FRANKLIN D. FORD, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR OF ONE-HALF TO JOSEPH A. MILLER, OF SAME PLACE.

## BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 279,560, dated June 19, 1883.

Application filed January 2 1883. (No model.)

*To all whom it may concern:*

Be it known that I, FRANKLIN D. FORD, of the city and county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Button-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

10 This invention has reference to the class of fasteners for securing buttons to shoes and other wearing-apparel, made of sheet metal; and it consists in the peculiar construction of the device by which a broad bearing on the material is secured and the shank of the button is supported on the metal surface, as will be more fully set forth hereinafter.

20 Button-fasteners have heretofore been made with two and three staples. In such fasteners the width of the staples proper only rested on the material, and the buttons were usually drawn down so that the shank rested on the material. Every motion of the button would wear the material, and when drawn too tight the button became rigid, so that it was difficult to button shoes or other thick material.

30 The object of this invention is to secure a firm bearing for the device on the upper surface and construct the same so that the shank of the button will rest upon the metal surface.

35 Figure 1 is a perspective view of my improved button-fastener. Fig. 2 is a view of the sheet-metal blank from which the button-fastener is made. Fig. 3 is a view of my improved button-fastener. Fig. 4 is a view of a modified form of the same. Fig. 5 is a view of a button secured by my improved button-fastener.

In the drawings, *a* is one leg of the staple. *b*

is the other leg, made of sufficient length to form the eye *b'*. *c* is a circular or nearly circular disk, slitted nearly up to the center, or thereabout, along each side of the staple *b*, so that when the staple is bent to form the eye the two sides of the disk *cc* project into the eye and form a bearing for the shank. The raising of the staple *b* above the disk forms a slot, which facilitates the entering of the shank-eye into the staple above the disk *c*. The staple *b* may be set on an incline or be curved, as is shown in Fig. 4, so that the forcing of the staple through the material will bring the staple close up to the disk *c*, or, if desired, partially into the slot. *d* is the button, and *d'* the shank-eye of the button, through which the staple *b* is passed. The disk *c* forms a firm bearing on the face of the material, and also forms a bearing for the end of the shank-eye, which may be drawn down so as to rest on the two portions of the disk projecting into the eye, and so, while holding the button firmly, allow the same to rock easily on the shank, thus greatly facilitating the buttoning of a shoe, glove, or similar article.

40 The device is simple and durable. It can be cut from sheet metal with less waste than the ordinary three-prong devices, and will hold a button more securely.

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

70 A blank consisting of the prongs *a* and *b*, extending in opposite directions from the partially-slitted disk *c c*, adapted to be bent to form a button-fastener, as described.

FRANKLIN D. FORD.

Witnesses:

J. A. MILLER, Jr.,  
M. F. BLIGH.