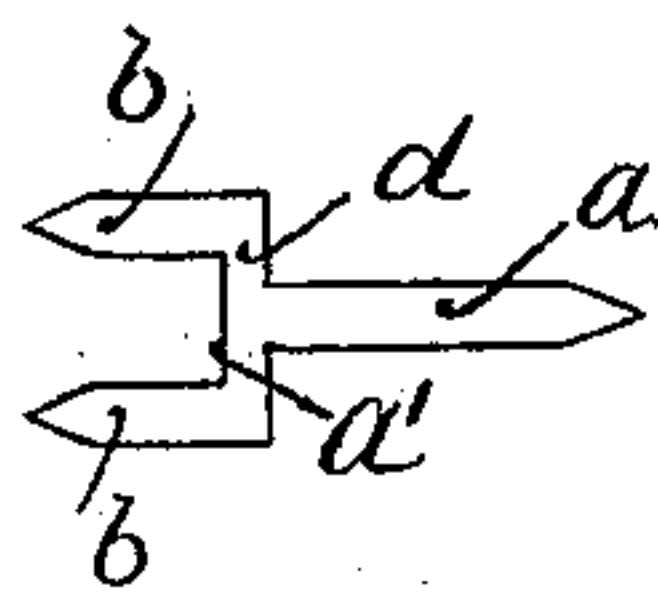


(No Model.)

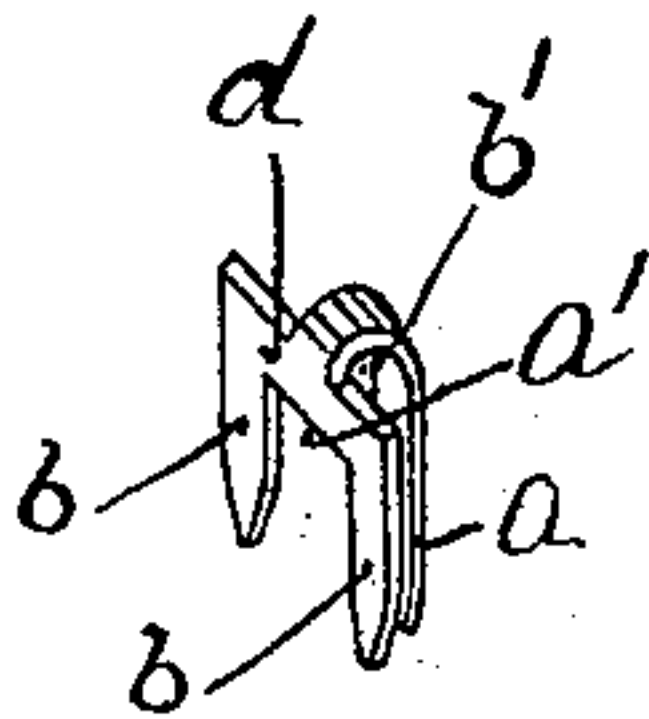
E. D. STEELE.  
BUTTON FASTENER.

No. 316,304.

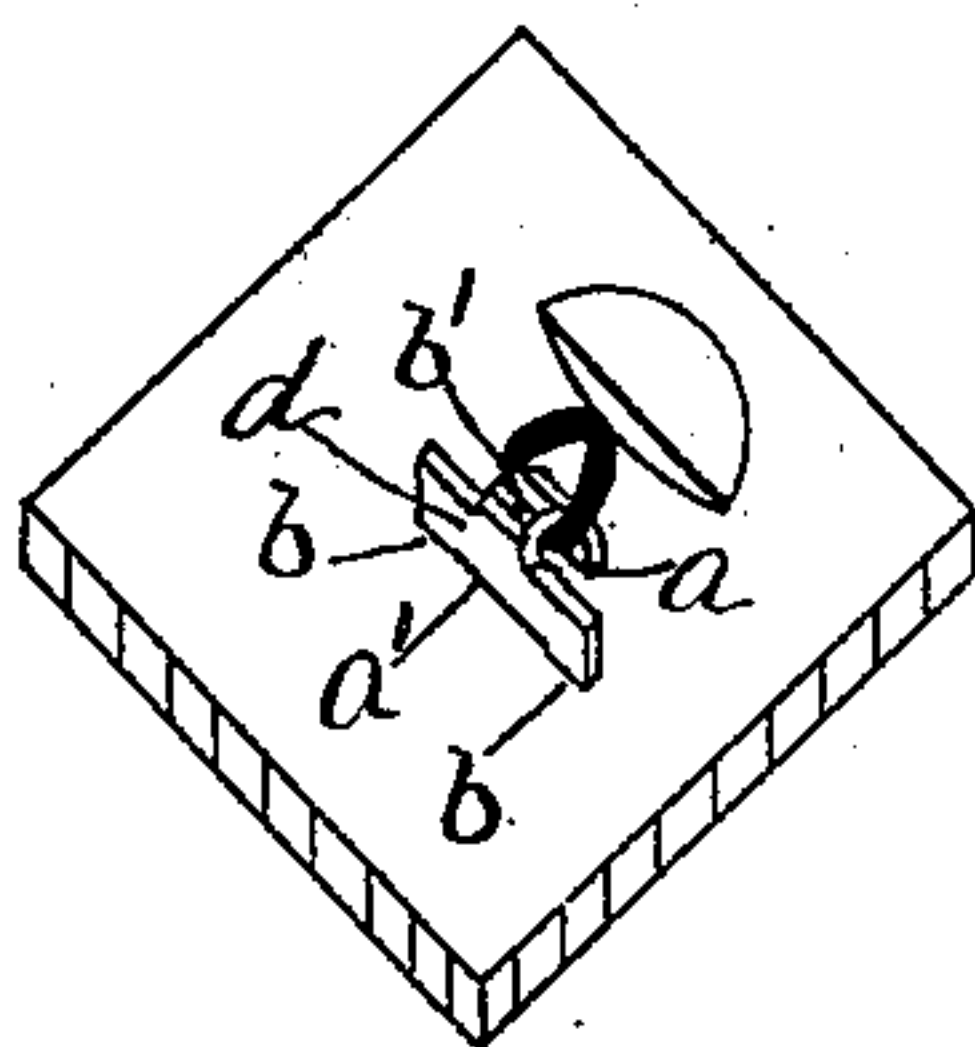
Patented Apr. 21, 1885.



*Fig. 1.*



*Fig. 2.*



*Fig. 3.*

Witnesses.  
*Geo. W. Pontice.*  
*Charles Greene.*

Inventor.  
*Edward D. Steele.*  
by *Franklin A. Smith, Jr.*  
*Atty.*

# UNITED STATES PATENT OFFICE.

EDWARD D. STEELE, OF WATERBURY, CONNECTICUT.

## BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 316,304, dated April 21, 1885.

Application filed January 2, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD D. STEELE, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Button-Fasteners; 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.

My invention has for its object to provide an improved button-fastener or metallic connection by means of which eye-shank buttons may be readily and firmly secured to fabric in the simplest and best possible manner; and it consists, essentially, of a staple-shaped connection composed of a loop and three parallel attaching legs or prongs, one on one side of the loop and two on the opposite side, the latter connected by a narrow head-bar, the lower cut edge of which engages or rest upon the surface of the material when attached thereto, all as will be hereinafter more fully described, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a plan view of the metal blank from which my improved fastener is formed. Fig. 2 is a perspective view of my improved fastener. Fig. 3 represents the same with a button as attached to fabric.

Similar letters of reference indicate like parts in the several figures.

In the present instance my improved button-fastener consists of the loop *b'*, terminating on one side with the prong *a*, and provided on the opposite side with the head-bar *d*, having downwardly-projecting prongs *b b*, the lower cut edge, *a'*, of the said head-bar, between the prongs *b b*, forming a bearing to rest on the surface of the fabric when attached thereto, as fully shown in Fig. 2, the com-

plete fastener being formed from the blank shown in Fig. 1.

The end of the prongs are sharpened to readily penetrate fabric in attachment.

When the fastener is secured to the material, as shown in Fig. 3, the eye-shank of the button rests in the loop *b'*, the prongs of the fastener being pressed through the material and securely clinched on the undersurface, and the cut-edge bearing *a'* of the head-bar *d* engages the material and rests on the upper surface thereof, a small narrow strip of metal beside the loop being presented to view. Thus a fastener is formed with a single bend imparted to the blank, and that at a portion of the blank which does not injure or weaken the metal of the fastener, the head-bar and integral prongs remaining unbent.

Having described my invention, I claim—

1. A button-fastener consisting of a head-bar having two prongs on one side and one on the opposite in a parallel plane, the single prong being bent parallel to the head-bar near its junction to form a loop, the lower cut edge of said head-bar forming a bearing to rest upon the material to which the fastener is attached, substantially as herein set forth.

2. The improved sheet-metal button-fastener consisting of the head-bar *d*, provided with the prongs *b b* and *a*, the prong *a* bent parallel to the head-bar, forming the loop *b*, the lower cut edge of said head-bar forming the bearing *a'*, adapted to engage or rest upon the material to which the fastener may be secured, all the said prongs to be passed through the material and subsequently clinched, substantially as described, and for the purpose set forth.

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

EDWARD D. STEELE.

Witnesses:

E. A. PENDLETON,  
D. M. DAVIS.