

R. W. HUSTON.
BUTTON FASTENING.

No. 178,779.

Patented June 13, 1876.

Fig. 1.

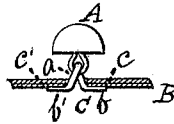


Fig. 2.



Fig. 3.



WITNESSES:

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ROBERT W. HUSTON, OF BROOKLYN, E. D., NEW YORK, ASSIGNOR OF ONE-HALF HIS RIGHT TO JOHN G. AULD, OF WASHINGTON CITY, DISTRICT OF COLUMBIA.

IMPROVEMENT IN BUTTON-FASTENINGS.

Specification forming part of Letters Patent No. **178,779**, dated June 13, 1876; application filed May 19, 1876.

To all whom it may concern:

Be it known that I, ROBERT W. HUSTON, of Brooklyn, E. D., in the county of Kings and State of New York, have invented certain new and useful Improvements in Button-Fastenings; and I do hereby declare that the following is a full, clear, and exact description thereof, that 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 same letters and figures of reference are used to indicate the corresponding parts.

After describing the invention, its nature and extent will be shown in the claims.

The object of my invention is to furnish a device by which buttons may be easily and permanently secured to any fabric without sewing them onto the same. I thereby dispense altogether with the use of the needle and thread for this purpose.

With my invention even a child may firmly fasten buttons to cloth, leather, or any similar substance.

I am aware that a multitude of devices have been invented to accomplish the same purpose for which my invention is adapted; but my button-fastener can be adjusted quickly and easily without any blow or hammer stroke, and leaves on the inside of the fabric or cloth a perfectly smooth face, with no rough surface or points for abrading the hand or other parts of the body with which the inner part of the fabric may come in contact.

Figure 1 is a perspective view of my invention, with a button attached to the cloth or other fabric. Fig. 2 is a top view, and Fig. 3 a bottom view.

My fastener is made from a single piece of wire or other metal, bent to form a counter eye in the middle of the wire, while the projecting arms pass each other for a short distance, after which the arms are bent nearly or quite at right angles with the plane of the counter eye, both perpendicularly and horizontally. These arms are flattened, so as to form a smooth surface with the cloth or fabric.

The ends of the arms may also be bent at right angles with themselves, so as to form a small catch, which will enter a thick cloth or leather, and so entirely prevent any abrading from the exposed ends of the arms when not flattened.

A is the button; B, the fabric or leather, and C the fastener. *a* is the counter eye; *b b'*, the arms, and *c c'* the points to catch into the fabric.

A small slot or opening is made in the fabric or leather. Into this slot the shank of the button is pressed, so as to expose a part of the shank on the opposite side of the fabric. Into this exposed part of the shank the fastener C is placed. Then, by slightly turning the button, and at the same time pulling the shank and counter eye through the fabric, the arms of the fastener C are tightly pressed against the inner side of the fabric, the thickness of which is measured by the counter eye. This leaves the button-shank for the reception of the cloth or other fabric to be attached by the button outside of the fabric.

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

1. In a button-fastening, the counter eye *a*, made by bending the ends of the wire or metal past and parallel to each other, substantially as shown and described, and for the purposes set forth.

2. The counter eye *a*, made by bending the ends of the wire or metal past and parallel to each other, as shown, in combination with the arms, at right angles to the plane of the eye, and bent in opposite directions to, but not crossing, each other, said arms *b b'* being flattened or of any other suitable form, and with or without the points *c c'*, substantially as described, and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 9th day of May, 1876.

ROBERT W. HUSTON. [L. S.]

Witnesses:

JOSEPH BUSBY,
ALFRED HODGES.