

(No Model.)

C. H. EGGLESTON.

BUTTON FASTENER.

No. 293,233.

Patented Feb. 12, 1884.

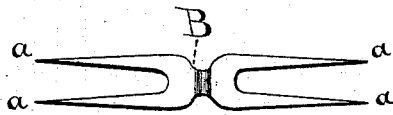


FIG. 1.

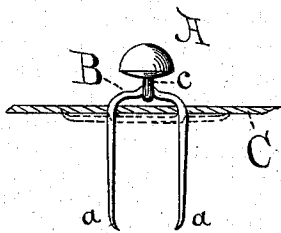


FIG. 3.

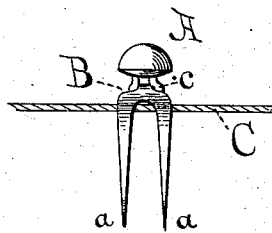


FIG. 2.

Witnesses:

Fred W. Stevens.

N. A. Earle.

Inventor

Charles H. Eggleston

By Edward Tappan

Attorney

UNITED STATES PATENT OFFICE.

CHARLES H. EGGLESTON, OF MARSHALL, ASSIGNOR OF ONE-HALF TO
EDWARD O. ELY, OF GRAND RAPIDS, MICHIGAN.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 293,232, dated February 12, 1884.

Application filed June 29, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. EGGLESTON, a citizen of the United States, residing at the city of Marshall, in the county of Calhoun and State of Michigan, have invented a new and useful Shoe-Button Fastener, of which the following is a specification.

My invention relates to improvements in metallic fasteners for attaching buttons to leather or other substances; and the objects of my invention are, first, to so construct the fastener that the strain will be borne by the fastening-prongs equally; and, second, to construct the fastener and button together, so that the fastener cannot become detached from the button. I attain these objects by means illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the fastening-prongs as cut from the metal and before they are bent into the form they assume when attached to the eye of the button. Fig. 2 is an end view of the fastener with the button attached, and Fig. 3 is a side view of the same with the button attached.

Similar letters refer to similar parts throughout the several views.

In Fig. 1 the form of the fastener before bent is clearly shown. It may be cut from a piece of sheet metal, and have four prongs, *a a a a*. The center between the prongs is contracted, as shown at *B*, in order to form a staple for holding the eye of the button.

A shows the button having an eye, *c*, which is attached to the button in any suitable manner. The points *a a* on each end of the blank may be slightly bent toward each other, so that when the prongs are forced through the leather they may the more easily be bent down, thereby attaching the button to the shoe.

C represents the leather and its position with reference to the prongs when the prongs are inserted, and before they are bent down upon the leather.

I construct the button and fastener together, so the button and fastener become, as it were, a new article of manufacture and commerce. The fastener-blank being cut out of the metal

in the form shown in Fig. 1, the blank designed to form the button-eye is placed under and bent around the narrow neck *B*, until the ends of the eye-blank meet, and so closely that the eye thus formed cannot slide either way over the enlarged portions of the fastener, and having the free ends of the eye-blank, after it is thus bent, upon the upper side. To these free ends the button is then rigidly attached by inserting them in the metal portion of the button, by running the button upon them, or in any other suitable manner. The fastener-blank is then bent into the form shown in Figs. 2 and 3; or the blank may be bent before the eye is attached to the button, if found preferable. When the fastener is attached and the button completed with the eye in place, the fastener cannot become detached. The two sets of prongs may be opposite each other, as shown in Fig. 1, or may be so placed that when bent they will fold by each other, if preferred.

I am aware that metallic fastenings for shoe-buttons have been in use prior to my invention, and I do not broadly claim the same; but I am not aware that any button-fastener has ever been made with a contracted neck between the sets of prongs to form a staple to receive the eye of the button, so that the attachment is equally strong on each side of the button-eye; nor am I aware of any button-fastener in use so constructed that the fastener is permanently attached to the button, the eye being attached to the fastener before the eye is attached to the button.

Having thus described my invention, what I claim to have invented, and desire to secure by Letters Patent, is—

In combination with the button-fastener consisting of the prongs *a a* and the reduced neck portion *B*, the button *A*, having a suitable eye permanently secured upon such fastener, all substantially as shown and described.

CHARLES H. EGGLESTON.

Witnesses:

CHARLES E. GILL,
OLIVER C. PERRIN.