

(No Model.)

D. L. MORGAN.
Button and Button Fastenings.

No. 230,959.

Patented Aug. 10, 1880.

Fig 4.

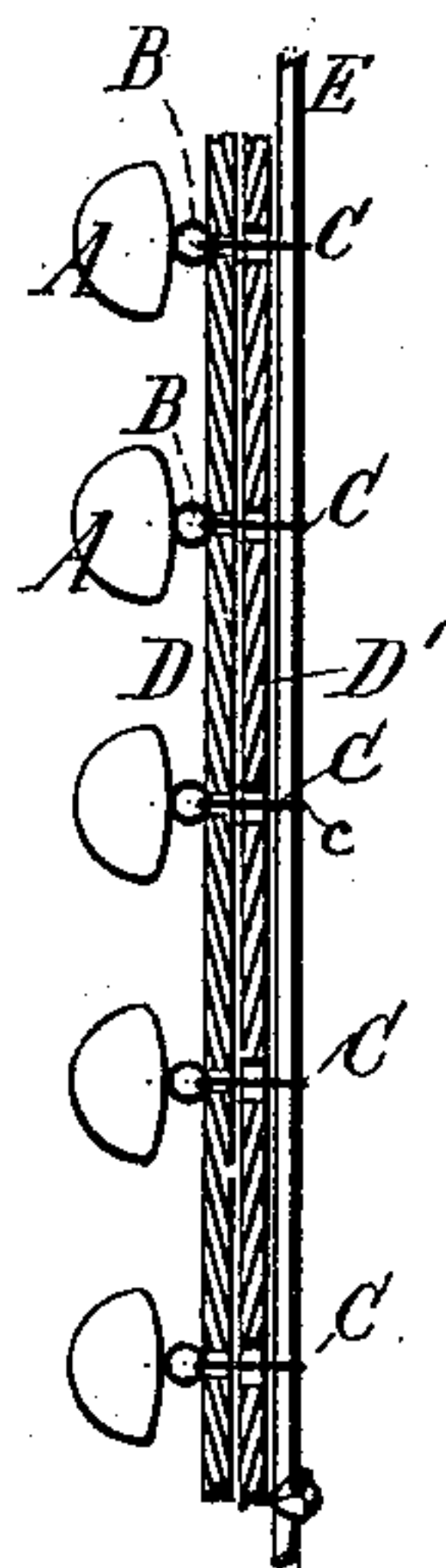


Fig 2.

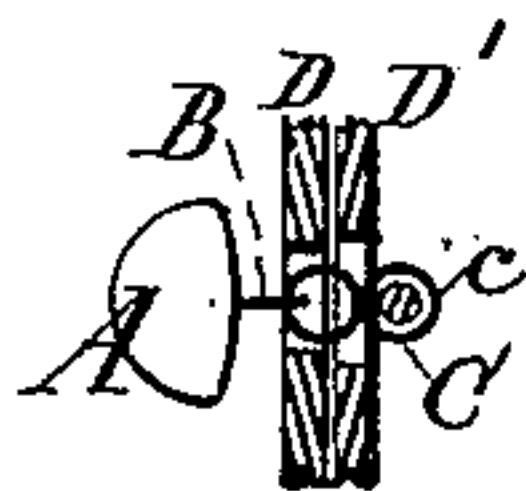


Fig 3.

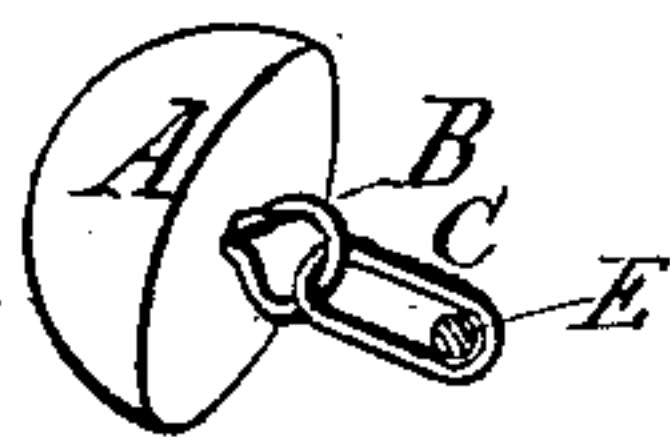
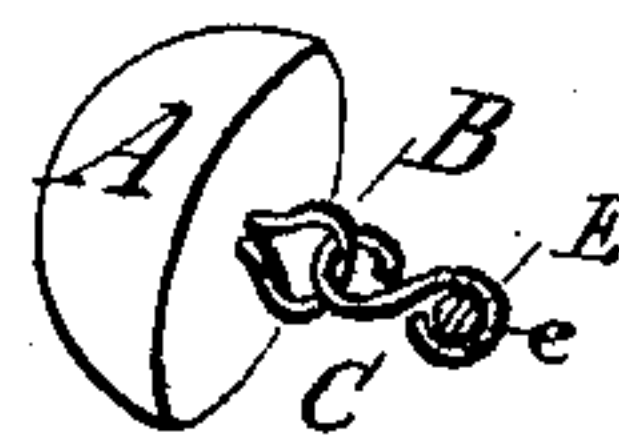


Fig 1.



Witnesses:

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J. P. Theo. Lang.

Inventor:

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UNITED STATES PATENT OFFICE.

DAVID L. MORGAN, OF RUTLAND, VERMONT.

BUTTON AND BUTTON-FASTENING.

SPECIFICATION forming part of Letters Patent No. 230,959, dated August 10, 1880.

Application filed May 31, 1880. (No model.)

To all whom it may concern:

Be it known that I, DAVID L. MORGAN, a citizen of the United States, residing at Rutland, in the county of Rutland and State of Vermont, have invented a new and Improved Button and Button-Fastener for Shoes and other Articles; and of the same the following is a specification.

My invention relates to that description of shoe-button which is fastened to a shoe without sewing it to the leather or other substance of the shoe; and the object of my improvement is to provide the button with an eye consisting of two pieces united together similarly to the links of a chain, one piece forming the ordinary eye-shank of the button, and the other forming an extension of said eye and entering an incision made through the upper and lining of the shoe and receiving through its eye a confining-cord. The two links, by standing at right angles to the inner and outer surfaces of the upper, and the outer link or eye being free to articulate on the inner link at a point entirely outside the upper, afford a means for fastening buttons to shoes which is well adapted to give great freedom of movement to the button while being operated upon by the button-hook, and thus great convenience in buttoning the shoe is secured, as well as great facility for attaching the buttons to the shoe afforded.

In the accompanying drawings, Figure 1 represents my improved button with jointed eye-shank; Fig. 2, a horizontal section of the upper of a shoe at the point where the button is applied. Fig. 3 is the improved button, having its inner link made of an oblong form and its eye of corresponding shape, instead of being in form of the figure 8 or letter S, as in Figs. 1 and 2. Fig. 4 is a vertical section of the upper of a shoe in the line where the buttons are applied.

The button A is made in the usual manner, with a shank-eye, B, and into the eye B one end of the S-shaped link C is hooked, and the two links A and C are then suitably clinched upon one another. The part c of the link C forms a round eye similar to the one into which the shank-eye B is fitted.

The link C (shown in Fig. 3) is a solid elliptical one, and it is united to the shank-eye B before the said shank-eye is united to the button.

D and D' represent parts of the upper of a shoe.

To apply these buttons to a shoe it is simply necessary to make incisions in a transverse manner through the parts D and D' of the upper and lining, and to then insert the links C into these incisions, so that they lie at right angles to the vertical sides of the upper, as shown in Figs. 2 and 4 of the drawings, and then to tie a knot in a leather or fibrous cord, E, and pass the cord through the links C on the inner side of the upper, as shown in the drawings.

The oblong link gives such an extension of shank to the button that when the shank is passed transversely through the upper there is a free passage through the link on the inside of the shoe for the attachment of any fastener—for instance, the shoe-lace of linen or leather—and at the same time the link furnishes a passage outside the upper through which the button shank-eye has such perfect play that no turning or twisting of the button will strain the shoe or hurt the foot. The strain on the button when the shoe is buttoned draws the inner portion of the link and the fastening-cord close against the inside of the shoe-lining, so that it does not hurt or press the foot or ankle.

The improvement makes a radical change in the fastening devices for shoe-buttons on account of its simplicity and ease of attachment, and from considerable use of the improved buttons in my business it has proved of great benefit and convenience to the dealer and consumer.

I am aware of Letters Patent No. 143,892, and therefore do not claim a metal bar with flat links having buttons hooked to them as my invention; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

An improved button and button-fastener, consisting of a button provided with the usual attaching eye or loop and an oblong auxiliary eye or loop linked therewith and adapted to pass through a perforation in a shoe-upper or other material and receive a lacing-fastening, all substantially as set forth.

DAVID L. MORGAN.

Witnesses:

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