

J. N. CLOUSE & B. ZIPFEL.
Fastening Device for Shoes, &c.

No. 210,010.

Patented Nov. 19, 1878.

Fig. 1.

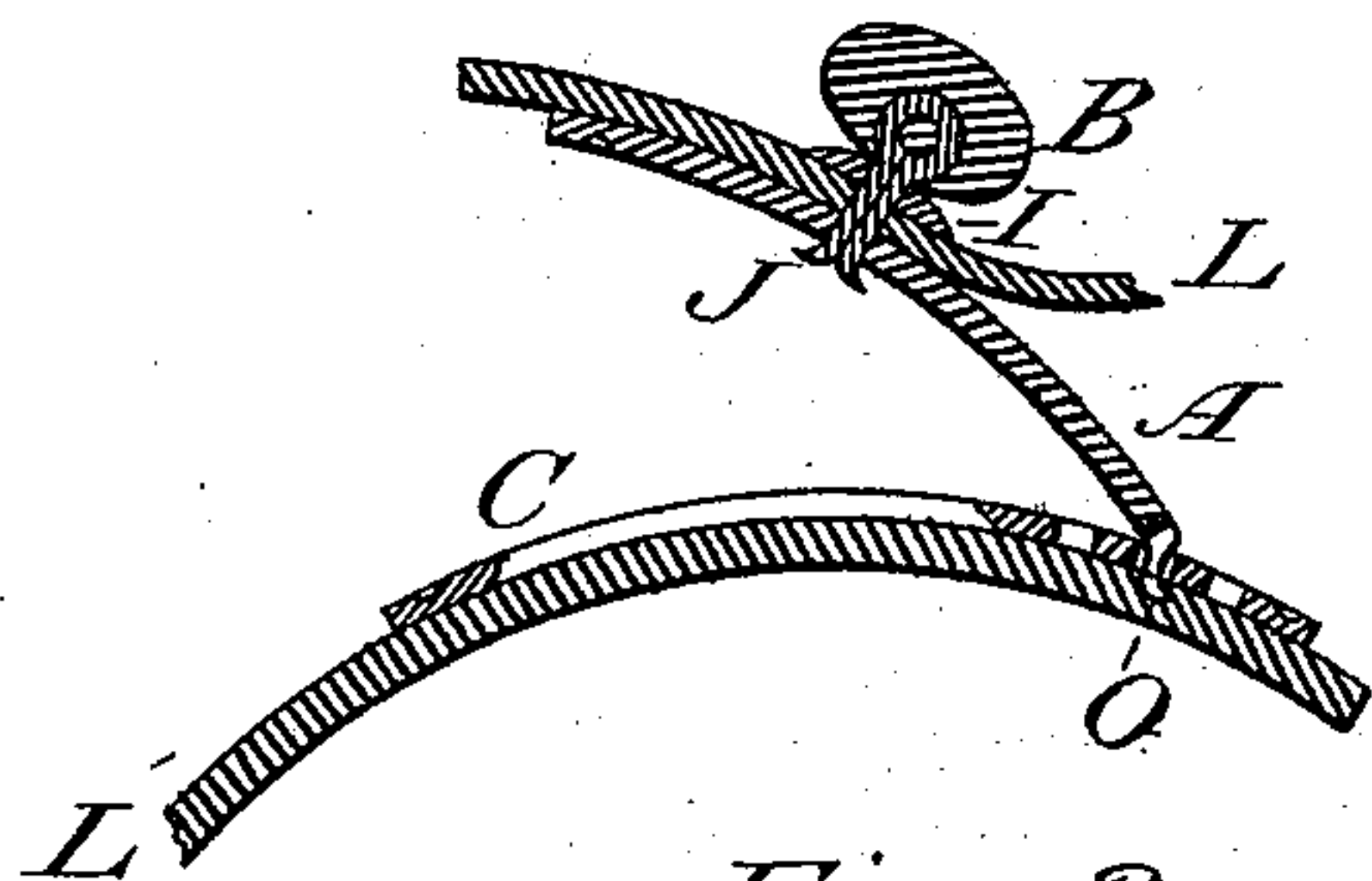


Fig. 2.

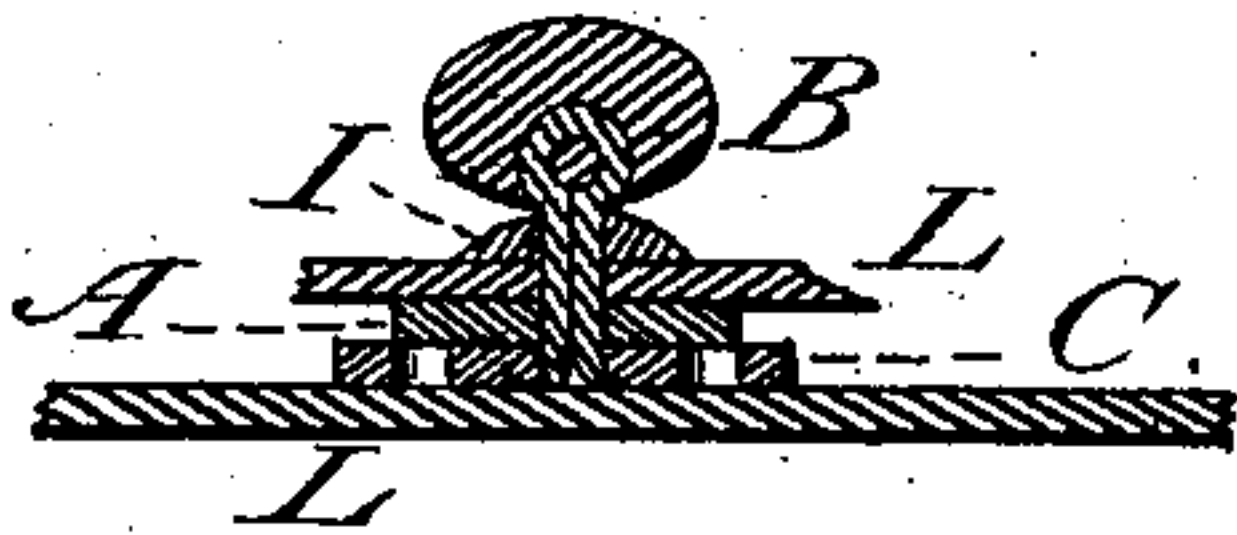
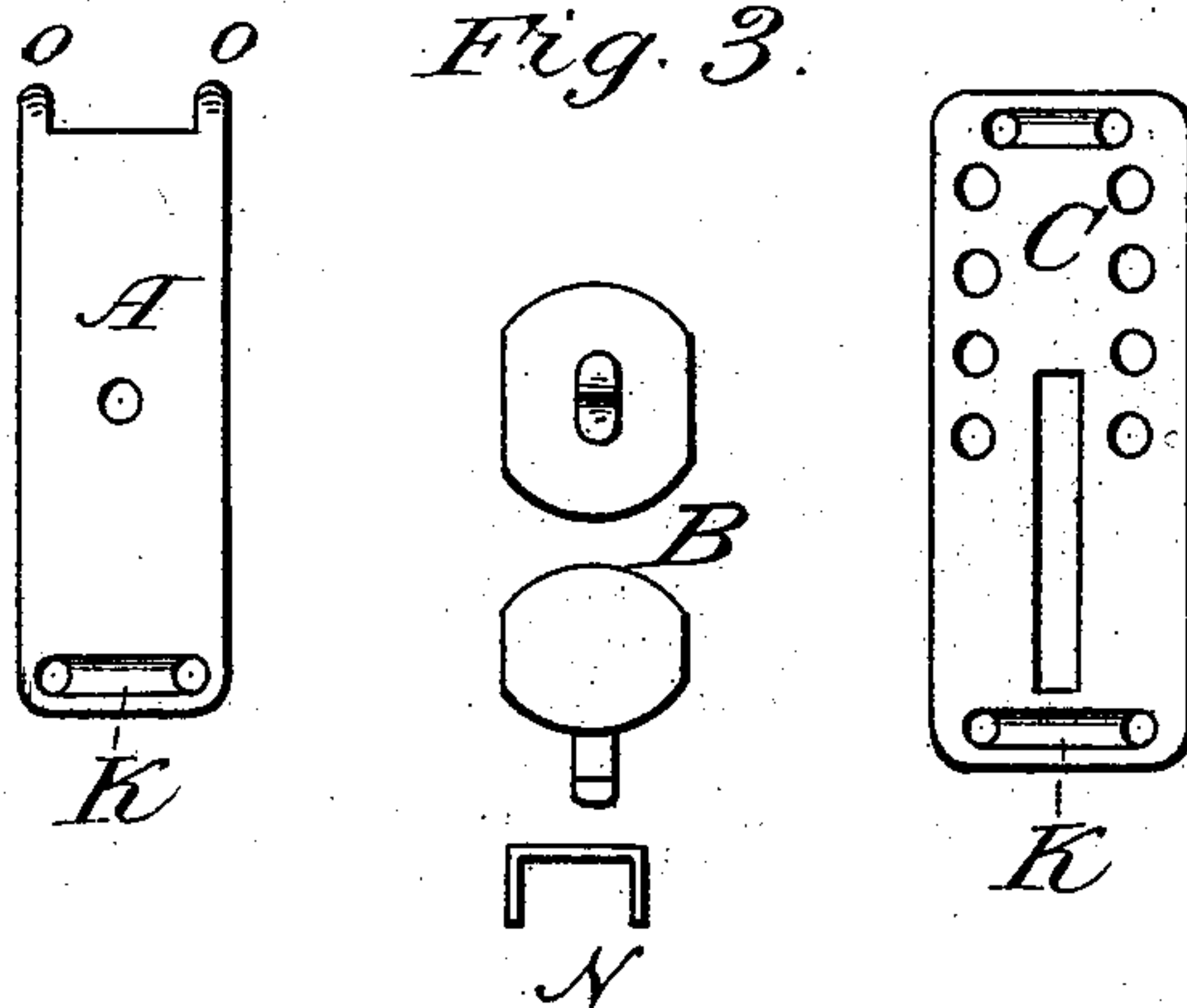


Fig. 3.



Attest:

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UNITED STATES PATENT OFFICE.

JOSEPH N. CLOUSE AND BARNHARD ZIPFEL, OF TOLEDO, OHIO.

IMPROVEMENT IN FASTENING DEVICES FOR SHOES, &c.

Specification forming part of Letters Patent No. **210,010**, dated November 19, 1878; application filed August 3, 1878.

To all whom it may concern:

Be it known that we, JOSEPH N. CLOUSE and BARNHARD ZIPFEL, of the city of Toledo, in the county of Lucas and State of Ohio, have invented a new and Improved Fastening Device for Shoes and other Apparel, of which the following is a specification:

The invention relates to a device so constructed as to have the appearance of a button when in position for wearing, yet so constructed in its working parts as to have all of the advantages of a buckle, serving to adjust the apparel to which it is attached at pleasure.

Heretofore, in shoes especially, it has been necessary to make button-holes and use a button-hook in order to draw the shoe snug to the foot when the button is in position in the hole.

Buttons to be used in connection with button-holes have no means of adjustment, but have to be taken off and reset, so as to make the shoe tighter or looser.

The object of our invention is to have the shoe or other apparel appear as if having buttons on; also to have a slight adjustment for each button, to make the shoe or other apparel tight or loose at that point at pleasure, and to have a leverage in the operation of buttoning or fastening, so as to bring the shoe or other apparel snug and firm.

The invention consists in the arrangement of plates with holes and hooks, and a washer and button with a forked shank, to hold them together when placed in proper position, the construction and working of which may be more readily seen by reference to the drawings hereto annexed, in which—

Figure 1 is a longitudinal section, Fig. 2 a cross-section, and Fig. 3 a detail of parts, like letters referring to like parts in each.

A is a curved plate, having upon one end two hooks, O O, in the center a hole, and in the other end are two holes, and a groove, K, between them, which receives the wire staple N, or the thread by means of which it is firmly secured to the leather or other material, L. B is a button, plain or ornamental, having two sides slightly flattened, in which is firmly secured a shank, J, composed of two parts, which

are turned out at the end to form catches. I is a washer or ornamental plate around the shank J, and between the button B and the leather or other material, L. C is a curved plate, having in each end of it two holes, and a groove, K, between them, which receives the wire staple N, or the thread by means of which it is firmly secured to the leather or other material, L; also two rows of holes forming a series of adjustments for the hooks O O on the plate A, and an elongated hole countersunk to receive the catches on the shank J of the button B.

The operation of the device is as follows: The plate C having been secured to the under lap of the shoe or other apparel by means of the wire staple N or by sewing, and the plate A having been secured to the upper or outer lap of the shoe or other apparel by means of the wire staple N or by sewing, and the washer or ornamental plate I having been placed in position on the shank J of the button B, the shank is passed through a hole or eyelet in the material L, and through the hole in the center of the plate A, and the ends bent out to form hooks or catches. By placing the hooks O O on the plate A in any opposite holes of the two series in the plate C, and pressing it down upon the plate C, a leverage is produced which forces the under and outer laps in opposite directions. The end of the shank J passes through the elongated countersunk hole in the plate C, and by turning the button one-fourth of a revolution the two plates are secured together by means of the catches on the shank J, the flat sides on the button indicating the direction of the catches, there being no slack in the tension of the parts, as in the case of the button passing through the button-hole and the tongue of the buckle passing through the strap.

The hooks O O may be changed to any of the holes of the series of adjustments to make the parts looser or tighter.

The size of the device is varied to suit the article to which it is to be attached.

What we claim as new, and desire to secure by Letters Patent, is—

1. The fastening device for shoes and other apparel, consisting of the plate C, with its slot

and two series of holes, as shown, the plate A, with its hooks O O, adapted to engage with the holes of the plate C, and the button B, provided with the shank J, arranged to be passed through the plate A, and engaged in locked position, by means of its turned points, with the slot in plate C, all substantially as and for the purpose stated.

2. In a fastening device for shoes and other apparel, the combination, with the plate A,

as shown, of the button B, washer I, and the shank J, provided with a bifurcated end to form a catch, all substantially as and for the purpose stated.

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BARNHARD ZIPFEL.

Witnesses:

A. C. BARLOW,
J. T. GREER.