E. S. & J. E. WHEELER.

Button.

No. 204,866. Patented June 11, 1878.

Fig. 1.

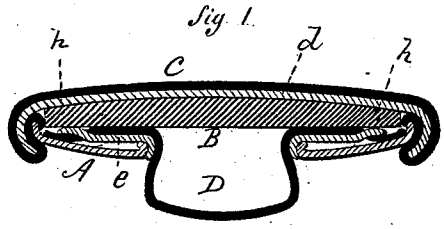


Fig. 2.

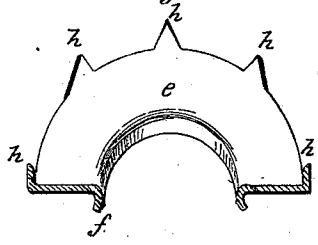
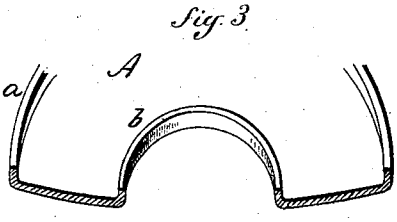


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

ELONZO S. WHEELER AND JONATHAN E. WHEELER, OF WESTPORT, CONN.

IMPROVEMENT IN BUTTONS.

Specification forming part of Letters Patent No. **204,866**, dated June 11, 1878; application filed March 20, 1878.

To all whom it may concern:

Be it known that we, ELONZO S. WHEELER and JONATHAN E. WHEELER, of Westport, in the county of Fairfield and State of Connecticut, have invented a new Improvement in Buttons; and we do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a central section; Figs. 2 and 3, detached parts, in section.

This invention relates to that class of covered buttons in which the fabricated material extends through an opening in the back as a fastening or means for securing the button to the garment.

As usually constructed, this fabric is exposed to the edge of the opening in the back, and is frequently cut by it, and so as to separate or partially detach the button from the garment. Again, this fabric is usually arranged between the disks which compose the button, and is liable to be drawn through and separate the button from the garment, or partially so.

The object of this invention is to overcome these difficulties; and it consists in the details of construction, as hereinafter described, and more particularly recited in the claims.

A is the button-back, which is formed from a disk of metal, in the usual way—that is to say, with a flange, *a*, around the outer edge, and a flange, *b*, around the central perforation. B is the usual filling. Over this is the usual outer disk *d*, and outside of this the covering C. The fastening device consists of a disk of fabric, the central portion D of which is forced through the central perforation in the back, and the remainder lying between the filling and the outer disk; hence, when the button is secured by the projecting portion D the strain of the button upon this portion comes over the edge of the flange *b*, depending principally upon that flange to hold it firmly in the button; but, as before described, this is liable to draw out and separate from the button, and it is also liable to be cut by the edge of the flange.

To overcome these difficulties a second disk, *e*, is placed inside the disk A, and with a downwardly-projecting flange, *f*, around the central aperture, and of such a diameter that it will pass inside the flange *b* on the outer disk, as seen in Fig. 1. This gives a rounded and finished edge to the perforations in the back, over which the fastening will draw, and which, because of such smooth and finished surface, will avoid the usual wear or cutting. To further secure the fastening D into the button, several points, *h*, are formed on the outer edge of the disk *e* and turned upward; then the fabric of the fastening is placed over this disk, the points *h* forced through it, and then turned down upon the fabric, as seen in Fig. 1, thus interlocking the fabric with this inner disk, so that separation of the fastening from the button is impossible.

The inner disk *e*, with its points or spurs *h*, may be used as a means for fastening the fabric without the flange *f* around the aperture.

It is not to be understood that claim is here made, broadly, to the inner disk having a flange around a central aperture, and projecting outward through the aperture in the back, as such is not new.

We claim—

1. In a covered button, the combination of the inner and outer disks, with a flange around the central aperture of the inner turned outward through the aperture of the outer to form the back of the button, the said inner disk also constructed with points or spurs extending through or into the fabric which forms the fastening, substantially as described.

2. The combination of an inner and outer disk to form the back of the button, the inner disk constructed with points or spurs extending through or into the fabric which forms the fastening, substantially as described.

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Witnesses:
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