

R. H. GUILFORD.

Sleeve Button.

No. 103,451.

Patented May 24, 1870.

fig. 1.



fig. 2.



fig. 3.

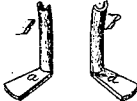


fig. 4.



fig. 5.



fig. 6.



fig. 7.



fig. 8.

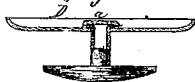


fig. 9.



Witnesses
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RALPH H. GUILFORD, OF WEST CHESHIRE, CONNECTICUT, ASSIGNOR TO
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Letters Patent No. 103,451, dated May 24, 1870.

IMPROVEMENT IN BUTTONS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, RALPH H. GUILFORD, of West Cheshire, in the county of New Haven and State of Connecticut, have invented a new Improvement in Sleeve-Buttons; and I 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 side view of the button.

Figures 2, 3, 4, and 7, detached parts.

Figures 5, 6, 8, and 9, the manner of uniting the parts.

This invention relates to an improvement in the manufacture of sleeve-buttons and other similar articles, the object being to secure the parts together without the use of solder, and the same device may be applied to securing the eyes to the backs.

A is a disk of thin metal, perforated through its center.

B B are two parts of the shank, which are of a semi-cylindrical form, one end of each, *a*, turned outward and flattened, the one to the right and the other to the left, so as to be set through the disk A, as seen in fig. 5.

C is a disk, with the flange turned around its head, so as to set over the plate A, the flange struck down, as seen in fig. 6, which gives to the edge of this head a rounded smooth edge, whereas, in buttons of this class as heretofore constructed, the cut edge of the

metal has been exposed, and tends to injure the fabric through which it is passed.

The upper ends of the shank B B are opened or turned outward, as seen in fig. 6. The base or back D of the button is formed as seen in fig. 7, with a center, *a*, "struck under," so as to form a recess, and into this recess the two ends of the shank are set, and, by suitable dies, the parts are struck together, so as to turn the ends of the shank into the back D, as seen in fig. 8.

If, instead of the head or disk C, a common eye is to be inserted, the two ends are formed of the semi-cylindrical shape, as seen in fig. 3, and the back D prepared in the same manner, and the eye set and struck, the two parts together, as described and shown in fig. 8.

The back D may be covered or a surface attached thereto in any convenient manner. I have shown the metallic disk E, fig. 9, with the edge C struck down over the back to cover the front and finish the edge.

I claim as my invention—

1. The two parts B B of the shank, of semi-cylindrical form, combined with the recess *a* in the button-back, so that the two ends of the parts B may be secured therein in the manner specified.

2. The two disks A and C, combined with the two parts B B of the shank, having their ends *a* secured between the two disks, substantially as described.

Witnesses:

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