

*C. Mudler,*  
*Button.*

*No. 78,535*

*Patented June 2, 1868.*

*Fig. 2.*



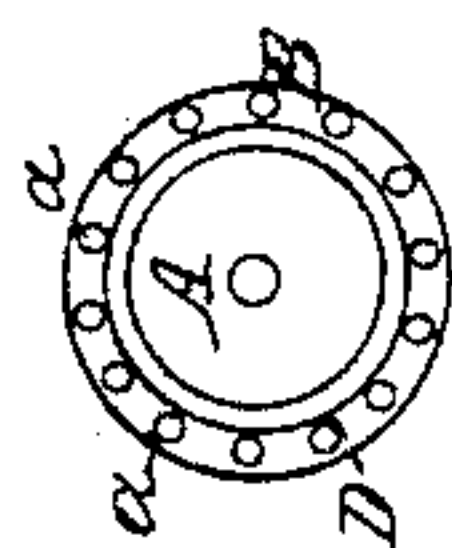
*Fig. 5.*



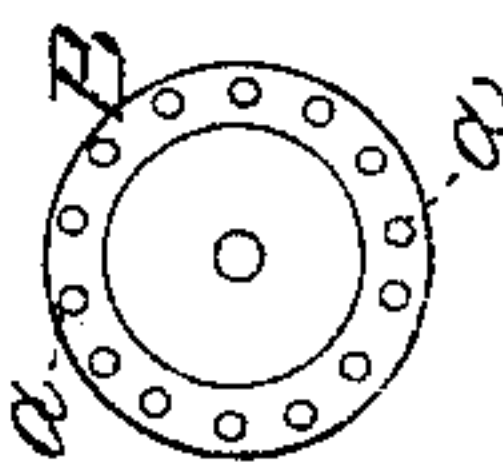
*Fig. 4.*



*Fig. 1.*



*Fig. 3.*



*Inventor.*  
*Chas. Mudler*

*Witnesses.*  
*W. H. Burridge*  
*Frank S. Alden.*

# United States Patent Office.

CHARLES MUDLER, OF CLEVELAND, OHIO.

*Letters Patent No. 78,535, dated June 2, 1868; antedated May 22, 1868.*

## 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, CHARLES MUDLER, of Cleveland, in the county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Suspender-Buttons; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a front view of the button.

Figure 2 is a side view.

Figure 3 is a view of the opposite side of fig. 1.

Figures 4 and 5 are transverse sections.

Like letters of reference refer to like parts in the views.

In fig. 1, A represents the head of the button, which is secured to the back-plate, B, by means of a shank or pin, C, fig. 2.

The buttons now in use are so constructed, that when buttoned the edge of the button-hole in the suspender will wear and rub on the thread by which the button is secured, and in a short time cause it to drop off, the thread being cut away by the constant wearing of the suspender.

To avoid this trouble, the button referred to is made as shown, and, instead of being secured at the centre, is sewed on through the holes *a*, around the edge of the plate A, shown in the drawing, and the wearing and rubbing of the button-hole will be on the shank or pin C.

To prevent the suspender from wearing on the thread in the edge of the plate, when the buttons are made as described, the plate A is provided with a shoulder, D, shown in fig. 4. Thus the suspender will wear on this instead of on the thread, and prevent its being worn off, or, to still further prevent any danger of the thread being worn, the edge of the plate A may be grooved out, as shown at *c*, fig. 5, which is a transverse section of a button with said plate, grooved as stated. Thus the thread is below the edge of the plate, and, if thought best, the shoulder D referred to can be dispensed with, so that the plate A may be a plain disk.

This button may be used on anything where the thread is exposed, and liable to be worn off.

I claim the button, constructed of two plates or disks, A B, having a rigid connection by means of the shank or pin C, and the lower disk being shouldered or grooved out, so as to form a circular depression, in which the thread used in sewing on the button is buried below the plane of said disk, the whole combined in the manner as and for the purpose set forth, as a new article of manufacture.

CHAS. MUDLER.

Witnesses:

W. H. BURRIDGE,

J. HOLMES.