

(No Model.)

P. H. WALSH.

SURFACE ATTACHING GARMENT BUTTON.

No. 312,046.

Patented Feb. 10, 1885.

Fig. 1.

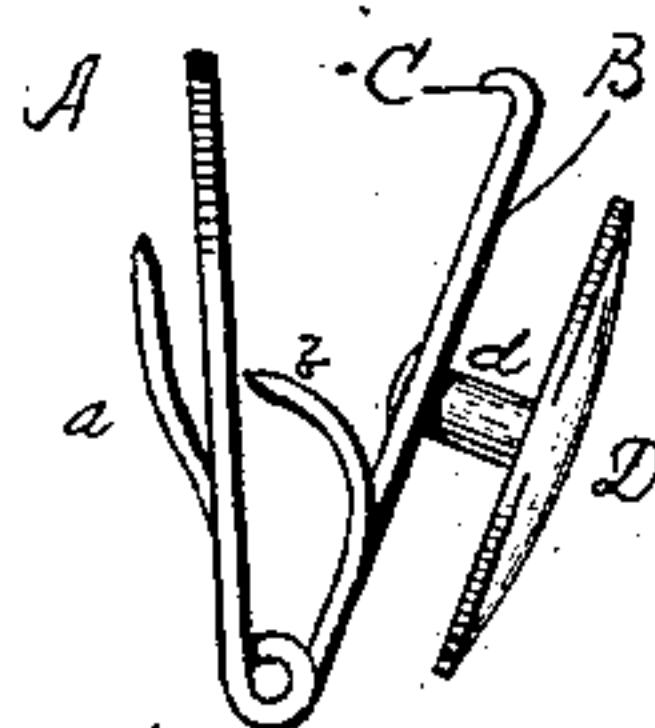


Fig. 2.

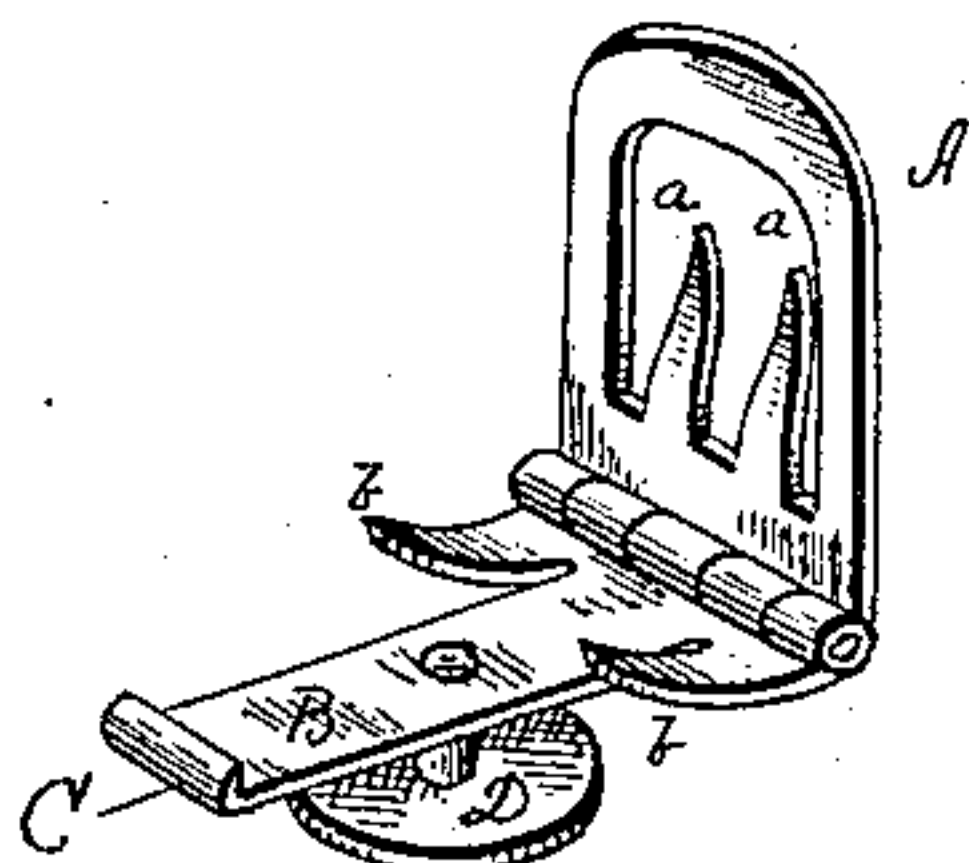


Fig. 4.

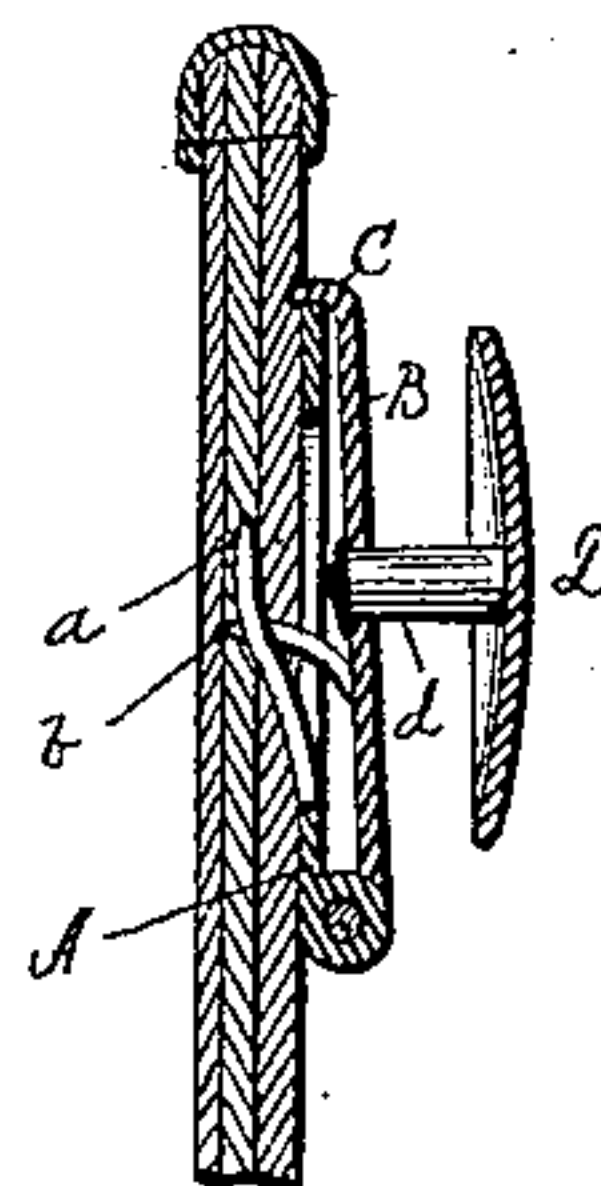


Fig. 3.

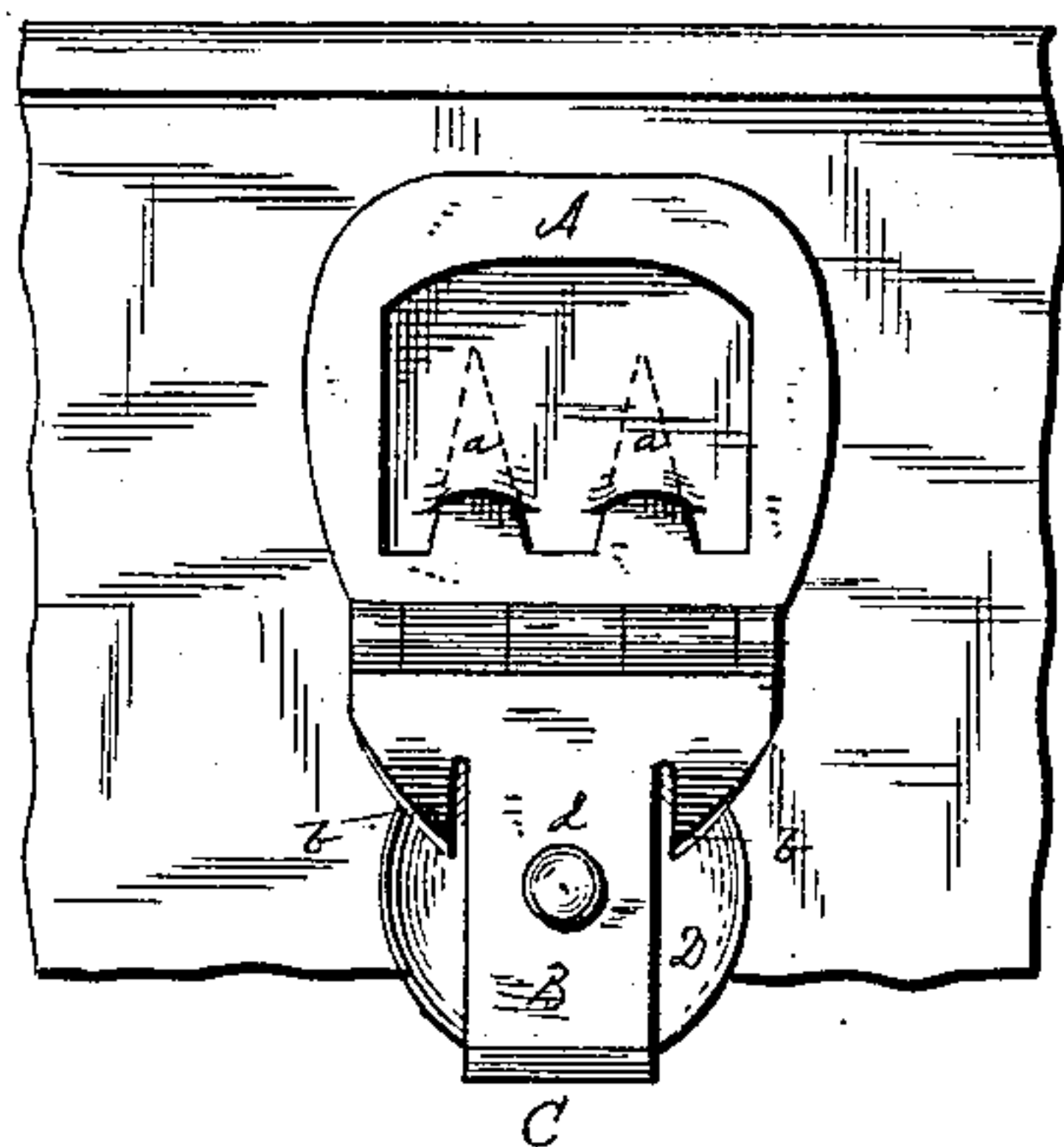
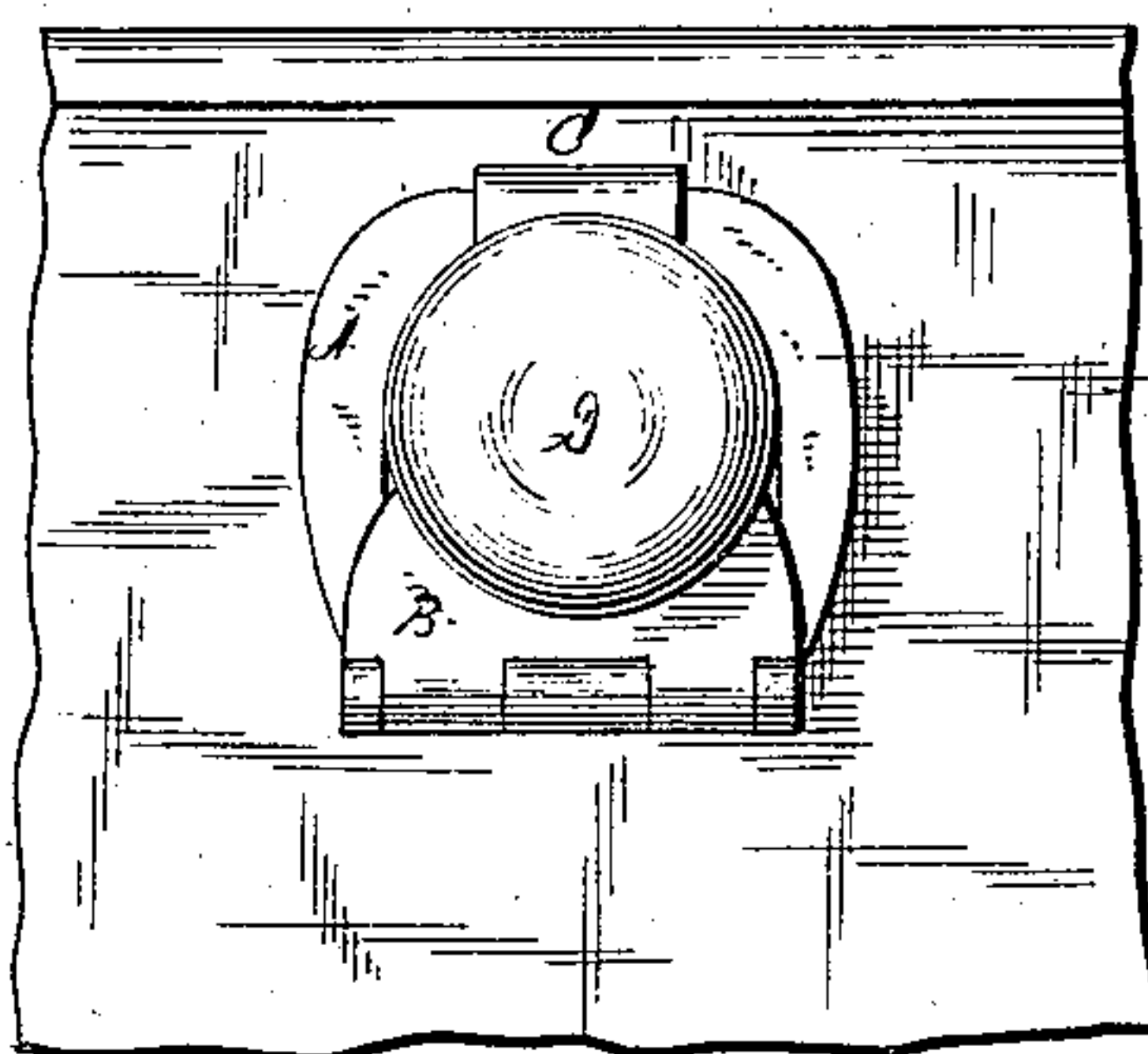


Fig. 5.



Witnesses:
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UNITED STATES PATENT OFFICE.

PATRICK H. WALSH, OF WATERBURY, CONNECTICUT.

SURFACE-ATTACHING GARMENT-BUTTON.

SPECIFICATION forming part of Letters Patent No. 312,046, dated February 10, 1885.

Application filed December 8, 1884. (No model.)

To all whom it may concern:

Be it known that I, PATRICK H. WALSH, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Surface-Attaching Garment-Buttons; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a simple surface-attaching button for garments, suspenders, or for any suitable purpose.

My invention consists in combining together three simple and integral parts—to wit, a buckle-frame, a clasp-bar, and a stud, the buckle-frame having inwardly-projecting curved teeth, the clasp-bar being hinged to said frame and provided on its inner side with curved teeth, said bar also terminating in a bent catch for holding the frame and bar together, the stud being riveted to the clasp-bar by means of a shank.

In the drawings, Figure 1 is a side elevation of the button open. Fig. 2 is a perspective view of the button open. Fig. 3 is a front view showing the buckle-frame attached to cloth, the clasp hanging down. Fig. 4 is a vertical section showing the button attached to cloth. Fig. 5 is a front view showing the appearance of the button when attached to a garment.

Like letters refer to like parts.

A represents the buckle-frame. It is provided with two integral teeth, *aa*, bent to project beyond the inner side of said frame. These teeth are to be inserted in the garment, and they resist the strain coming upon the stud, hereinafter mentioned. The clasp-bar B is hinged to the buckle-frame. It has also two integral inwardly-projecting and bent teeth, *bb*, arranged just above the hinge, and they so perforate the cloth when the clasp is closed as not to interfere with teeth *aa*—that is, they come respectively between the outside of teeth

aa and the inside of the buckle-frame. By arranging the teeth *bb* as shown they not only strengthen the teeth *aa* laterally, but also resist any strain opposite to that coming on the last-named teeth, no matter in what position the buckle-frame is fastened upon the cloth.

To permit the clasp-bar to be readily clasped to or unclasped from the buckle-frame, the free end of said bar is bent to form a catch, C. It will be seen that this catch is simple and effective, and, as it engages with the end of the buckle-frame, gives rigidity to the button when closed.

In order that the button-holes of suspenders or garments may be readily attached, a stud, D, is riveted to the under side of the clasp-bar, and by means of the stud-shank *d*.

It will be seen that my form of button is simple, strong, and effective; that it can quickly be applied or detached, and without taking up much cloth, and what it does take up is not bunched or torn, no matter whether the buckle-frame is placed vertically or horizontally; that it is not expensive, and may be made of light metal or any proper material.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a button, the buckle-frame provided with rearwardly-projecting teeth, whereby it may be fastened upon the outer surface of a garment, combined with the clasp-bar, adapted, substantially as shown, to fasten over the buckle-frame and into the garment, and a stud on the clasp-bar for engaging with the button-hole of a garment, &c., as set forth.

2. The buckle-frame provided with rearwardly-projecting curved perforating and fastening teeth, combined with the hinged clasp-bar having rearwardly-projecting curved perforating and fastening teeth, an integral catch, and a stud on its outer surface, as set forth.

3. The buckle-frame provided with rearwardly-projecting perforating and fastening teeth, combined with the hinged clasp-bar having rearwardly-projecting perforating and fastening teeth adapted to operate beside

and at right angles to the buckle-frame teeth, said clasp-bar fastening over the buckle-frame and provided with a projecting stud, as set forth.

- 5 4. The combination of the buckle-frame A, having the curved teeth *a a*, with the clasp-bar B, having the inwardly-projecting teeth *b b*, the integral catch C, and the projecting stud D, substantially as set forth.

In testimony whereof I affix my signature in the presence of two witnesses.

PATRICK H. WALSH.

Witnesses:

JAKOB WANK,
D. H. TIERNEY.