

(No Model.)

E. S. MAYER.

BUTTON.

No. 305,620.

Patented Sept. 23, 1884.

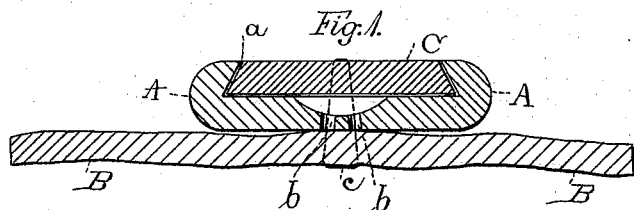


Fig. 2.

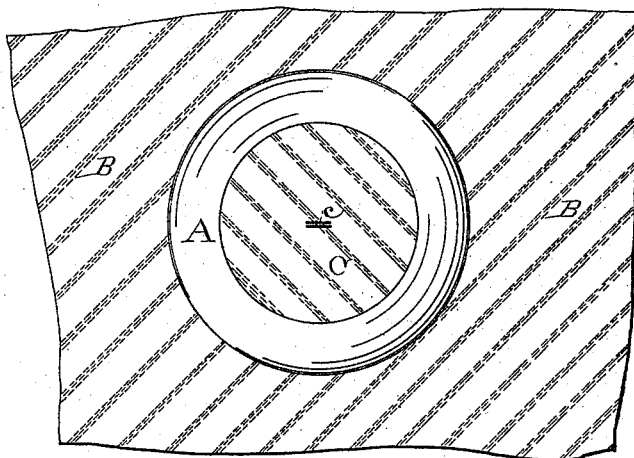
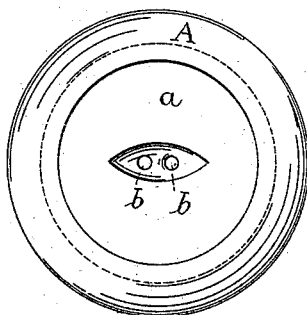


Fig. 3.



WITNESSES:

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EDWARD S. MAYER, OF BROOKLYN, NEW YORK.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 305,620, dated September 23, 1884.

Application filed July 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, EDWARD S. MAYER, of the city of Brooklyn, county of Kings, and State of New York, have invented an Improvement in Buttons, of which the following is a specification.

This invention relates to that class of buttons in which a cloth facing is inserted into the recessed outer side of the button, and its object is to provide a button of the class mentioned in which the cloth facing is retained in place with much greater security, and the construction of the button as a whole is rendered much more simple than is the case with other buttons of said class.

Figure 1 is a transverse sectional view of a button made according to my said invention, the section being taken in a plane at right angles to the face of the button. Fig. 2 is a face view of the button, and Fig. 3 a face view of the body thereof with the facing removed. The said figures are on a larger scale than is ordinarily employed in practice.

A is the body of the button, made of any suitable material and by any ordinary or suitable means, as such material and means are well understood in the trade. The said body A, being made preferably of plastic material and subsequently allowed to harden, or in lieu thereof any suitable solid material turned or otherwise shaped to the requisite form, no specific description of such material or means is here required. Formed in the outer side or face of the body A is a recess, *a*, the circumference of which is preferably concentric with that of the body A. This recess A is preferably largest at the bottom, so that its sides should be sloping, as more fully represented in Fig. 1. Through the back of the body A are formed the two holes or perforations *b*, by means of which, as hereinafter explained, the button may be attached to the fabric or garment B when desired.

C is the facing, which is composed of cloth or any suitable kind of fabric or soft or flexible material, and of such circumferential shape and proportion that it may be crowded into

the recess *a*, with its edges preferably pressed into the undercut sides of the recess *a*, as shown in Fig. 1. The outer surface of the facing C should be substantially flush with the outer side of the body A. It will be observed that the relation of the said facing C with the holes or perforations *b* is such that the same thread or stitching *c*, which is employed to attach the button to the fabric or garment B, is also necessarily passed through the facing C, as indicated in Fig. 1, and thereby securely attaches the said facing C at its center to the body A, thereby effectually preventing the displacement of the said facing with reference to the said body A, and this without any additional expense in the manufacture of the button. When desired, cement may be applied between the facing C and the body A, to prevent the accidental displacement of the facing C from the body A before the button is attached to the garment or fabric B, as hereinbefore explained, but during the wear and tear of actual use the threads or stitching *c*, by confining the facing C not only with reference to the body A, but with the fabric or garment B, insure the retention of the said facing in place with much more firmness and security than is feasible from any mere cementing of the inner surface of the facing C to the surface of the recess *a*.

It will be observed that to secure the results hereinbefore set forth the holes or perforations *b* must extend from the back of the body A to the bottom of the cavity *a*.

What I claim as my invention is—

An improved button consisting of the recessed body A, having the perforation *a*, as shown, and the face filling C, of soft penetrable material, inserted in such recess and held therein by the same stitches that secure the button to the fabric or garment, all substantially as set forth.

EDWARD S. MAYER.

Witnesses:

JOSIAH T. LOVEJOY,
JOHN H. FISHER.