

(No Model.)

S. W. SHOREY.
BUTTON.

No. 421,441.

Patented Feb. 18, 1890.

Fig: 1.

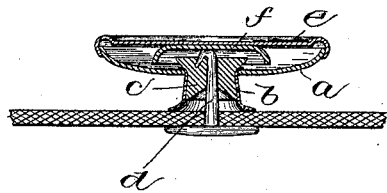
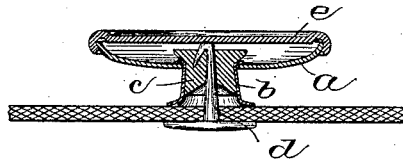


Fig: 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

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BUTTON.

SPECIFICATION forming part of Letters Patent No. 421,441, dated February 18, 1890.

Application filed September 17, 1889. Serial No. 324,173. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL W. SHOREY, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Buttons, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the production of an efficient button which may be easily attached to a garment by a tack.

In this invention the button is composed of a disk having a tubular shank filled with lead or other soft material, having a conical recess in its outer end to receive the point of a tack, it being held in place by a tack driven through the said material and clinched or upset therein against a cap secured to the said disk and forming therewith a hollow head for the button. In instances when I desire to use a cap of thin material I place a small piece of hard metal between the cap and disk, it serving as an anvil against which the point of the tack may be turned, yet if the material of the cap is thick this anvil-piece is not needed; but the employment of the anvil enables the production of a much cheaper button.

Figure 1 shows in section a button embodying this invention, and Fig. 2 a section of a slightly-modified form of button to be referred to.

Referring to Fig. 1, the disk *a*, forming the back of the button, is suitably concaved and has secured to it an open-ended tubular shank *b*, filled with lead or other soft material *c*. At the entrance to the shank the lead filling is shaped to present a conical recess to receive and direct the point of the tack *d*

employed to fasten the button to a piece of material. A cap *e* is secured to the disk *a*, preferably by turning the edges of the cap over the edge of the disk, as shown. The cap *e* for economy will be made of thin material, and to prevent the tack *d* from puncturing said cap a piece of metal *f* is interposed between the cap *e* and the disk *a*, it serving as an anvil against which the point of the tack will be turned. If the cap *e* should be formed of thick material, the interposed piece of plate *f* may be omitted, as shown in Fig. 2.

When it is desired to attach a button constructed as above described, a tack *d* is driven into and through the lead filling *c*, and the point thereof, striking against the plate *f*, or it may be against the cap *e*, is clinched, upset, or turned back into the said filling *c*. A button secured in this manner cannot be easily removed or pulled off.

I claim—

A button composed of the disk *a*, the open-ended tubular shank *b*, filled with lead or equivalent material, having a conical recess in its outer end to receive the point of a tack, the cap *e*, said cap and disk forming a hollow head, and a tack *d*, adapted to be driven through the said filling material and clinched or upset therein to hold or fasten the button, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAMUEL W. SHOREY.

Witnesses:

BERNICE J. NOYES,
E. J. BENNETT.