

(No Model.)

F. R. WHITE & I. G. PLATT.
BUTTON.

No. 559,919.

Patented May 12, 1896.

Fig. 1.

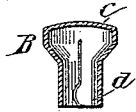


Fig. 2.

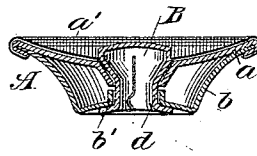


Fig. 3.

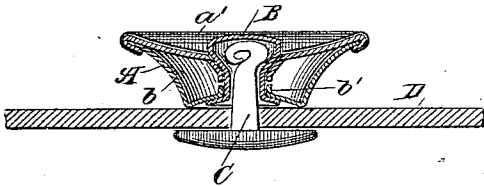


Fig. 4.

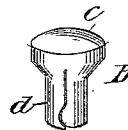
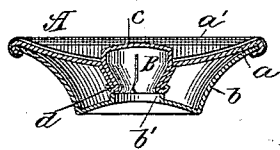


Fig. 5.



WITNESSES:

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UNITED STATES PATENT OFFICE.

FRANKLIN R. WHITE AND IRVING G. PLATT, OF WATERBURY,
CONNECTICUT.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 559,919, dated May 12, 1896.

Application filed March 25, 1895. Serial No. 543,105. (No model.)

To all whom it may concern:

Be it known that we, FRANKLIN R. WHITE and IRVING G. PLATT, citizens of the United States, and residents of Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Buttons, of which the following is a specification.

Our invention relates to an improvement in buttons, and more particularly to that kind or class thereof which are secured to fabric by means of tacks or metal fasteners, and known to the trade as "tack" or "rivet" buttons, the object being to provide an article of this kind made of zinc or other non-oxidized soft metal, but which shall be so constructed and arranged that it will be capable of withstanding the strain imposed upon it.

With this and other ends in view our invention consists in certain details of construction and combination of parts, as will be hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a sectional view of our improved button with the die or anchor removed. Fig. 2 is a similar view after the die or anchor has been inserted. Fig. 3 is a similar view after the button has been attached to cloth or fabric. Fig. 4 is a perspective view of the die. Fig. 5 is a sectional view of a modification.

Referring to the drawings, A represents the button proper, formed of the top or face plate *a*, covered or protected, if desired, with cloth or fabric *a'*, the central portion of the plate having an opening therein, and the edge thereof turned downwardly or inwardly, if so desired, as shown at *a*².

b represents the lower or bottom plate, secured to the face-plate *a* by overturning the outer edge of one upon the other, as shown in several figures of the drawings, the center of said lower plate also having an opening therein, the edge of which may be turned upwardly or inwardly, as shown at *b'*.

B represents the die or anchor, formed with the upper larger portion *c* and the narrow restricted neck *d*, and is preferably struck up from a single piece of metal. This die or anchor is inserted in the openings *a*²*b'*, as shown

in Figs. 2 and 3, the lower edge of the neck *d* being flanged outwardly below the bottom or lower plate *b* of the button.

Instead of passing the neck of the die through both plates it may be passed through the top one only, the lower end of the neck being secured between the two plates, as shown in Fig. 5.

It will be apparent that the form or construction of button above described is particularly adapted for cloth-covered buttons, in that the cloth or fabric *a'*, covering the top plate, is, in addition to being held or confined in place by the outer peripheries or edges of the plates, also attached or confined to the top plate by means of the enlarged head of the die or anchor, the neck of which latter passes through it and said head, binding it against said top plate at the center thereof.

In attaching this button to cloth or fabric the metal fastener C is forced through the cloth D, and passing into the die or anchor B has its piercing end curled or upset within the enlarged portion *c* thereof, and securely binds or fastens the button in position.

It will be seen that although the button proper may be made of soft metal, yet the necessary strength will be imparted thereto by forming the die of hard or stronger metal, the greater portion of the strain falling thereon.

It will be understood from the above that the button is exceedingly simple and cheap, and especially adapted to be used as a drawers-button.

What we claim as new, and desire to secure by Letters Patent, is—

1. A button formed with an upper and lower plate, and a die or anchor passing through said plates and having a restricted neck and an enlarged closed upper end locked against said upper plate, and adapted to receive and overturn the end of a tack or fastener, substantially as described.

2. A button formed with an upper and lower plate having an opening in their centers, the edges of which are turned inwardly, and a die passing through said openings and locked against said plates, substantially as described.

3. A button formed with an upper and lower plate, and having a covering of cloth or fabric

confined between the edges of said plates, and
overlying the top or upper plate, and a die or
anchor passing through said upper plate, and
confining said cloth or fabric between it and
5 the upper or top plate, substantially as de-
scribed.

4. A cloth-covered button formed of an up-
per and lower plate, and a die or anchor pass-
ing through said cloth and through and locked
10 against both of said plates, and having an
enlarged head, between which and said upper

plate said cloth or fabric is confined, substan-
tially as described.

Signed at Waterbury, in the county of New
Haven and State of Connecticut, this 14th day 15
of March, A. D. 1895.

FRANKLIN R. WHITE.
IRVING G. PLATT.

Witnesses:

JAY H. HART,
LEWIS A. PLATT.