

C. A. O. HOYNE.
 BUTTON AND FASTENING MEANS THEREFOR.
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1,059,298.

Patented Apr. 15, 1913.

Fig. 1.

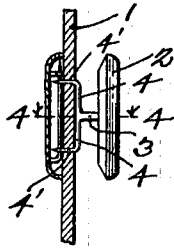


Fig. 2.

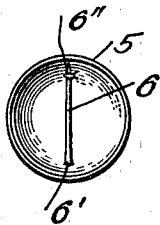


Fig. 3.

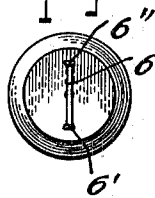
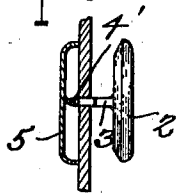


Fig. 4.



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BUTTON AND FASTENING MEANS THEREFOR.

1,059,298.

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To all whom it may concern:

Be it known that I, CARL A. OTTO HOYNE, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Buttons and Fastening Means Therefor, of which the following is a specification.

This invention relates to improvements in buttons and particularly to that type designed for attachment to garments without sewing.

In the use of the ordinary form of button, numerous disadvantages are experienced, such, for instance, as loss of time required for sewing it to the garment and the resultant damage to the fabric where it is necessary to remove the button from its initial position.

In previous devices of the type of my invention, it has been necessary to provide a hole for introducing the button shank through the material for attaching the securing means, which, of course, precludes the removal and replacing of the button in a different location.

Therefore, it has been my special object to provide a construction of button embodying securing means therefor which will permit of its ready attachment to the garment as well as detachment for replacing in a new position without injuring the fabric.

It is also contemplated that the securing means aforesaid shall be so constructed as to effectively house not only the pointed terminals of the button shank but the pin which is employed to hold the former in position.

For a full understanding of the present invention, reference is to be had to the following description and to the accompanying drawings, in which—

Figure 1 is a view of my invention attached to a garment, showing in section the cover plate of the securing means as well as the fabric. Fig. 2 is a top plan view of the securing means. Fig. 3 is a plan view of the under side of the button. Fig. 4 is a sectional view taken about on the line 4—4 of Fig. 1.

Throughout the following detail description and on the several figures of the drawings, similar parts are referred to by like reference characters.

Referring to the drawings and specifically describing my invention, 1 denotes the garment to which the button 2 is attached. It

will be understood, of course, that the button may be of any form or size suitable for the purpose, the top portion 2 being shown merely conventionally. One side of the button has secured thereto in any desired manner the shank 3, the length of which is governed by the size of the button as well as the thickness of the material to which it is likely to be applied. The end of the shank is formed with lateral extensions 4 projecting in opposite directions, and the terminals 4' of these extensions are bent parallel with the shank 3. The bent portions 4' are sharply pointed and near their extremities are provided with eyelets therein, in alinement with each other. As thus described, the forked shank of the button is adapted to be stuck through the garment at the desired place so that the bent portions 4' project on the other side.

The securing means will now be described: 5 denotes a cover plate or protector, the peripheral portions of which are bent so as to effectively house the pin 6, one end of the latter being pivotally secured to the plate 5 at 6'. Secured to the opposite side of the concave cover plate 5 is the usual hook member 6'' under which the free end of the pin may be engaged. When the button has been placed on the garment, as above mentioned, the pin 6 is inserted through the eyelets of the bent portions 4' and the pin locked in the usual manner as most clearly shown in Fig. 1 of the drawings.

To secure the device in position on the garment, as before mentioned, the button 2 is manipulated, after the pin 6 has been inserted through the eyelets of the spaced portions of the shank, so that a slight pressure in either direction will engage or disengage the free end of the pin from the hook member 6''. It is also to be noted that the lateral extensions 4 of the shank 3 limit the penetration of the terminals of the shank so as to provide a space between the button 2 and the outer surface of the garment, the advantages of which are obvious to those skilled in the art.

As will be apparent, the cover plate 5 incloses the pointed ends very advantageously so as to protect the wearer of the garment from injury.

The particular advantages of my construction of button will be briefly mentioned. Oftentimes it is desired that uniforms be provided with special buttons which may

readily be removed so that the garments can be used in the ordinary manner of undress uniforms and my device is particularly adapted for this class of clothing. It is
5 equally advantageous for temporarily securing emblem buttons in place and where used for such devices, the forked shank serves to positively hold the button with its insignia in proper position, preventing likelihood of the
10 insignia becoming reversed, as will be obvious.

Having thus described the invention, what is claimed as new is:

1. In a device of the class described, the
15 combination of a button, a shank secured thereto and having spaced terminals, the terminals being formed with registering apertures, a securing member having a concave body, a pin connected to said body within the
20 concavity and adapted to be inserted through the apertures of the terminals of the button shank, the said pin being freely movable laterally at its free end, and a hook member
25 connected to said body within the concavity and opening laterally, the hook member being adapted to be engaged by the free end of the pin and designed to be disengaged there-

from by lateral movement of the pin incident to twisting of the button.

2. In a device of the class described comprising a button, a shank secured thereto
30 having its terminal formed with lateral extensions, said extensions disposed in spaced relation to the button being bent back parallel with the shank aforesaid, the bent portions of the extensions being provided with
35 eyelets therethrough in alinement with each other, and securing means comprising a concave plate, a pin pivotally secured to said plate and adapted to be inserted through the
40 eyelets aforesaid, said pin being freely movable laterally at its free end, and a hook member carried by the plate with which the free end of the pin may be engaged or disengaged by turning of the button, said cover
45 plate completely housing the terminals of the bent portions and the pin carried by said plate.

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

CARL A. OTTO HOYNE.

Witnesses:

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