

June 2, 1942.

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2,285,309

BUTTON FASTENER

Filed July 29, 1941

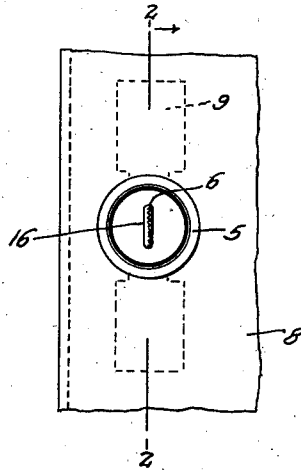


Fig. 1.

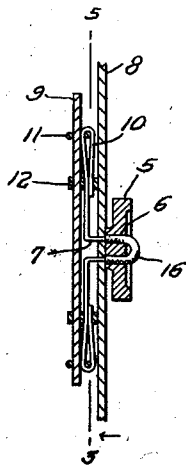


Fig. 2.

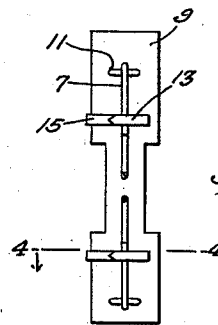


Fig. 3.

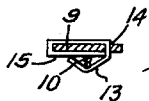


Fig. 4.

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2,285,309

BUTTON FASTENER

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Application July 29, 1941, Serial No. 404,545

3 Claims. (Cl. 24—104)

The present invention relates to new and useful improvements in button fasteners and has for its primary object to provide a device of this character designed to prevent the button from being pulled from the garment.

A further object is to provide a button fastener adapted to facilitate removal of the button for laundering purposes of the garment.

Another object is to provide a device of this character of simple and practical construction, which is strong and durable, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part hereof, wherein like reference numerals refer to like parts throughout, and in which—

Figure 1 is a front elevational view of the button.

Figure 2 is a vertical sectional view through the fastener taken on a line 2—2 of Figure 1.

Figure 3 is a vertical sectional view taken on a line 3—3 of Figure 2 and

Figure 4 is a transverse sectional view taken on a line 4—4 of Figure 3.

Referring now to the drawing in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of my invention, the numeral 5 designates a button of conventional form having the openings 6 therein and through which are inserted the ends of a wire member 7 which passes through the garment material 8.

A semi-flexible plate 9, of Celluloid or other suitable material is positioned at the back of the garment material 8, the ends of the wire extending from the center of the plate flatwise against the same toward its opposite ends, the wire being bent upon itself adjacent its ends as shown at 10 and secured to the plate by staples 11—11.

Each end of the wire in advance of the staples, is also secured to the plate by a clip 12 of soft metal ribbon having pointed ends. One end 13 of the clip 12 is inserted through an opening 14 in the plate and bent over the wire, while the other end 15 of the clip 12 is bent around

the edge of the plate in underlying relation to the end 13.

The portion of the wire 7 exposed at the front of the button is covered with colored thread or rubber tubing 16.

The ends of the wire may be freely inserted under and removed from the staples 11, when desired, in order that the button may be removed when the garment is cleaned.

It is believed the details of construction, operation and manner of use of the device will be readily understood from the foregoing without further detailed explanation.

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

1. A button fastener for buttons of a type having openings therein, said fastener comprising a flexible member inserted in said openings and through the material to which the button is attached, a plate positioned behind the material and removable clips carried by the plate for securing the ends of the flexible member to one face of the plate in parallel relation to the plate.

2. A button fastener for buttons of a type having openings therein, said fastener comprising a flexible member inserted in said openings and through the material to which the button is attached, a plate positioned behind the material, and a bendable metal clip having one end inserted through the plate and bent over the ends of said flexible member to secure the latter to one face of the plate in parallel relation to the plate.

3. A button fastener for buttons of a type having openings therein, said fastener comprising a flexible member inserted in said openings and through the material to which the button is attached, a plate positioned behind the material, the ends of said flexible member extending in opposite directions against said plate in parallel relation thereto, staples secured to the plate, said ends of the flexible member being inserted under the respective staples and provided with return bends, and bendable metal clips projecting through the plate with its ends bent over the return bends of said flexible member to secure the latter to the plate.

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