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BUTTON SNAP

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Fig. 1

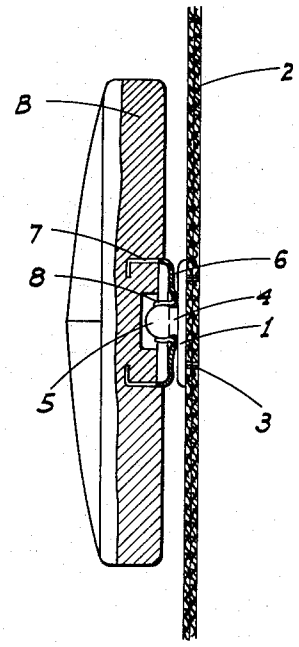
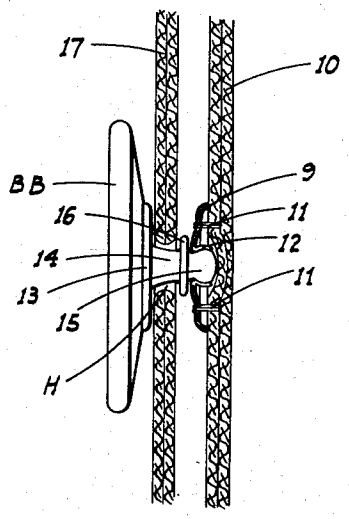


Fig. 2



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BUTTON SNAP

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1 Claim. (Cl. 24—108)

This invention relates generally to a garment snap and in particular relates to a snap for garment buttons.

When men's and women's garments are sent to the cleaners, the buttons are often bleached or otherwise damaged, resulting in much annoyance. Too, if buttons which are sewn to a garment are removed prior to the cleaning process, it necessitates the resewing of the same on the garment before it can be worn again. Such resewing of the buttons is costly to the cleaning concerns because of the labor involved.

It is therefore my principal object to provide a snap for garment buttons arranged to permit the ready removal from and replacement of the buttons on a garment.

Another object of my invention is to provide a snap constructed and arranged for use in connection with buttons which cooperate with button holes to maintain separate garment sections together.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claim.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Fig. 1 is an enlarged side elevation, partly in section, of one form of snap preferably for use with ornamental buttons, such as those employed on women's outer garments of various kinds.

Fig. 2 is an enlarged side elevation, partly in section, of another form of snap designed for use with buttons which engage through button holes.

Referring now more particularly to the characters of reference on the drawing, and particularly at present to Fig. 1, the button snap comprises cooperating male and female portions. The male portion is formed of a circular base 1 sewn to the outer surface of the garment 2 by means of stitching 3 which passes through holes in the base. A very short axial neck 4 projects centrally from the base 1 and is formed at its outer end with an enlarged and rounded head 5.

The female portion comprises a circular disc 6 secured to the back of a button by suitable means, such as prongs 7, which engage in the body of a button B. The disc 6 curves outward slightly from the circumference to the center, the center being provided with a circular opening. Spring fingers 8 project inwardly from the disc 6 about the opening and form a socket, said fingers being stamped integral with the disc and curved slightly to frictionally engage with the head 5 when the snap portions are in engagement in the manner shown in Fig. 1.

The button snap above described secures a button firmly in place, the fingers 8 engaging head 5 with sufficient grip to prevent accidental separation of the snap portions. However, when the garment is to be cleaned, the snap portions may be readily disengaged and the button removed. The snap illustrated in Fig. 1 maintains the button close to the garment and is therefore intended preferably for use in connection with ornamental buttons as are commonly used on women's outer garments.

The snap illustrated in Fig. 2 is designed for use with a button which engages through a button hole to maintain separate garment sections together. With this type of snap, the female portion comprises a disc 9 secured to the under section 10 of the garment by stitches 11. This disc 9 is of the same configuration as disc 7 and is formed with a like central socket including spring fingers 12.

The male portion includes a base 13 secured to the back of button BB in any suitable manner. A relatively long neck 14, having an enlarged, rounded head 15, projects axially from the center of base 13. A circular collar 16 is formed integral with neck 14 and is disposed at such a point that when head 15 is firmly and frictionally engaged in the socket in disc 9, the collar will engage the disc 9 in face to face relation and prevent accidental movement of neck 14 out of its normal axial plane, and thus prevents accidental separation of the head from the socket.

The neck 14 normally extends through a button hole H in the outer section 17 of the garment, the button BB holding the garment section 17 overlapping section 10. As the length of neck 14 is at least the thickness of the garment section 17, such section will be disposed loosely beneath the button and will not bind between the base 13 and collar 16. To remove the button from the garment, it only is necessary to unsnap head 15 from the socket in disc 9.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device,

still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claim.

Having thus described my invention, what I claim as new and useful and desire to secure by Letters Patent is:

A button having a relatively large head, a shallow cupped disc disposed in inverted relation against the back of the head and with its rim depressed into the head to locate said disc on the head, the disc having a central opening and the head being recessed under the disc, and spring prongs to engage about a cooperating snap head element, formed integral with the disc and projecting inwardly about the opening thereof and into the head recess; the distance from the plane of the back of the head to the disc about the central opening thereof being slightly greater than that from the back of the head to the disc at its rim.

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