Dec. 26, 1933. W. B. MATHEWSON 1,941,180

TUFTING BUTTON

Filed Feb. 28, 1933

Fig. 1.

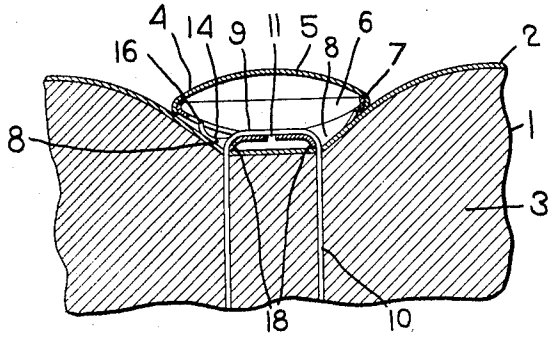


Fig. 2.

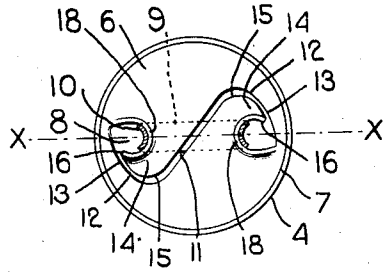


Fig. 3.

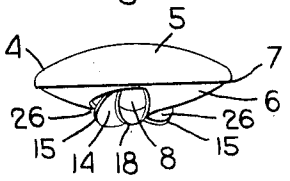
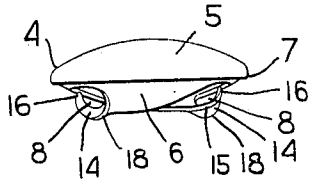


Fig. 4.



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TUFTING BUTTON

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Application February 28, 1933. Serial No. 658,963

6 Claims. (Cl. 24—90)

This invention relates to tufting buttons such as are used in tufting mattresses, upholstery and the like and has for its general object to provide a novel tufting button which can be easily applied to a loop of tufting cord which has been previously inserted in the mattress or other article to be tufted, and which is so constructed that it will retain its attachment to the loop when in use.

A tufting button embodying the present invention is of the usual type which is made of sheet material and presents separated front and back portions that are united along the peripheral edge of the button. The back of the button is provided with two cord- or tape-receiving apertures through which the loop of tufting cord or tufting tape passes when the button is attached thereto. These two apertures are connected by an S-shaped slot and the back portion of the button is so formed as to facilitate the entrance of the loop of tufting cord into said apertures through said S-shaped slot and to prevent the cord or tape from being dethreaded from said apertures when the button is in use.

In order to give an understanding of the invention I have illustrated in the drawing a selected embodiment thereof which will now be described after which the novel features will be pointed out in the appended claims.

Fig. 1 is a sectional view through a tufting button embodying my invention showing it applied to a mattress, the section through the button being on the line x—x, Fig. 2;

Fig. 2 is a backside view of the botton;

Fig. 3 is an edge view thereof looking from the left Fig. 2;

Fig. 4 is an edge view of the button looking from the top, Fig. 2.

In the drawing 1 indicates a fragmentary portion of a mattress which has the usual ticking 2 and the filling 3.

The tufting button embodying my invention is indicated generally at 4. It is of the type which presents a front portion 5 and a back portion 6, both of sheet material, said front portion and back portion being fastened together in any usual way around the periphery of the button as indicated at 7. The back 6 of the button is provided with two apertures 8 to receive the loop 9 of the tufting cord or tape 10. These apertures 8 are connected by a threading slot 11 which is formed in the back 6 and extends between the apertures in a diagonal direction, each end of the slot being curved as shown at 12 and entering one of the apertures in a tangential direction. The slot which is thus formed has a general S shape and the ends 13 of the slot enter the two apertures on the outer sides thereof, that is, on the sides thereof which are adjacent the periphery of the button. The apertures 8 are thus located on the inner sides of the ends 13 of the slot. This construction provides the two horn-shaped portions 14, each of which is bounded by an aperture and a curved portion 12 of the slot 11.

The loop 9 is threaded through the openings 8 by passing the loop through the slot 11 and to facilitate the entrance of the loop into the slot the horn-shaped portions 14 of the back are specially formed. The material forming these horn-shaped portions is bent or deformed relative to the back of the button so that the curved edge 15 of each horn-shaped portion is directed outwardly from the back of the button as shown best in Figs. 3 and 4. With this construction there will be a converging throat 26 formed between each horn portion and the back of the button through which a loop of tufting cord can be readily entered into the slot 11 and when the loop has been once entered into the slot it can, by proper manipulation of the button, be worked through the slot so that it will be carried into and through the two apertures 8 as shown in Figs. 1 and 2.

Each horn portion 14 is also so shaped as to provide a construction which will prevent dethreading of the apertures 9. Each horn portion 14 is so deformed as to present not only the outwardly-directed curved edge 15 but also so that the point 16 will be directed inwardly and will be located within the confines of the back of the button. Such inwardly-directed points 16 are located at the points where the slot enters the apertures and because of their shape they serve to retain the loop 9 in the apertures 8 and to prevent said loop from working out of the apertures back into the slot 11.

The material of the back of the button forming the adjacent marginal edges of the apertures 8 around which the loop 9 extends is bent outwardly as shown at 18 thereby forming a rounded saddle or seat for the cord and eliminating any sharp corners with which the loop might come in contact.

I claim:

1. A tufting button having in its back two cord-receiving apertures which are connected by an S-shaped slot through which a prepared loop of tufting cord may be entered into said apertures.

2. A tufting button having in its back two cord-receiving apertures which are connected by an S-shaped slot through which a prepared loop

of tufting cord may be entered into said apertures, said slot entering aperture on the side thereof adjacent the periphery of the button.

3. A tufting button having in its back two cord-receiving apertures which are connected by an S-shaped slot through which a prepared loop of tufting cord may be entered into said apertures, said slot entering each aperture tangentially on the side thereof adjacent the periphery of the button.

4. A tufting button having in its back two cord-receiving apertures which are connected by an S-shaped slot through which a prepared loop of tufting cord may be entered into said apertures, said slot entering each aperture on the side thereof adjacent the periphery of the button, whereby the back of the button is formed with a horn-shaped portion between each aperture and the curved portion of the slot entering said aperture, the convexly-curved edge of each horn-shaped portion being bent outwardly to provide a throat through which the loop of cord may be entered into the slot.

5. A tufting button having in its back two cord-receiving apertures which are connected by an S-shaped slot through which a prepared loop of tufting cord may be entered into said apertures, said slot entering each aperture on the side thereof adjacent the periphery of the button, whereby the back of the button is formed with a horn-shaped portion between each aperture and the curved portion of the slot entering said aperture, the convexly-curved edge of each horn-shaped portion being bent outwardly to provide a throat through which the loop of cord may be entered into the slot, and the point of each horn-shaped portion being bent inwardly to retain the loop in the aperture.

6. A tufting button having in its back two cord-receiving apertures which are connected by an S-shaped slot through which a prepared loop of tufting cord may be entered into said apertures, said slot entering each aperture on the side thereof adjacent the periphery of the button, and the adjacent marginal edges of the apertures being bent outwardly to present a rounded seat for the loop if tufting cord.

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