June 17, 1941. E. OHAREK ET AL 2,246,316

BUTTON

Filed June 5, 1940

FIG. 1

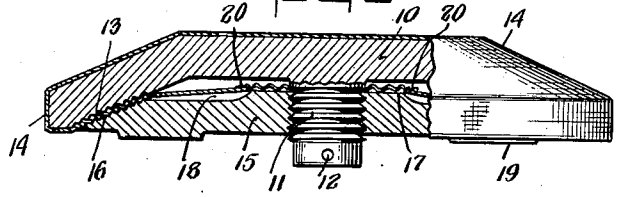


FIG. 2

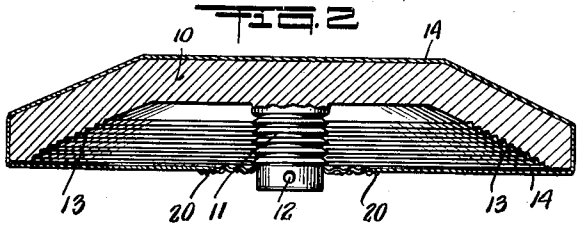


FIG. 3

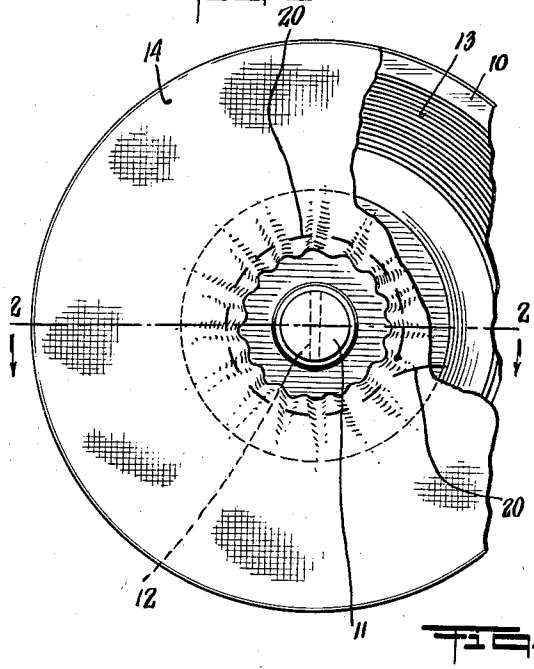


FIG. 4

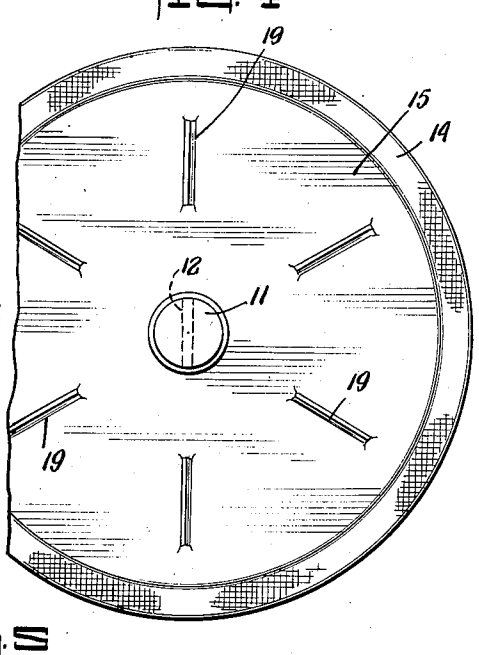
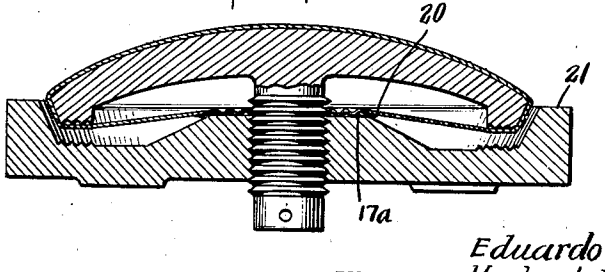


FIG. 5



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BUTTON

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Sao Paulo, Brazil

Application June 5, 1940, Serial No. 338,900
In Brazil November 30, 1939

6 Claims. (Cl. 24—113)

My invention relates to buttons and more particularly to an ornamental form of button used principally on ladies' clothing.

The primary object of this invention is to provide an improved form of cloth covered button while simplifying the construction thereof.

Another object of my invention is to provide a cloth-covered button in which the cloth covering is most firmly retained on the periphery of the button and yet is easily removable and replaceable.

Another object of my invention is to provide a cloth covered button wherein the cloth is applied and tensioned as by means of the usual die or press but wherein no die or press is employed so that substantial manufacturing economies are realized and a more desirable result attained.

A further object of my invention is to provide a cloth covered button having the fabric clamped between a pair of rigid members which are formed with grip means to maintain said fabric securely clamped.

Other objects of my invention will be apparent from the following description, it being understood that the foregoing statement of the objects of my invention are intended to explain and not to limit it in any manner.

Fig. 1 is a cross-section of the cloth covered button constructed according to my invention.

Fig. 2 is a cross-section on the line 2—2 of Fig. 3.

Fig. 3 is a bottom view, partly broken away, of the button before the base member is applied.

Fig. 4 is a bottom view, partly broken away, of the assembled button.

Fig. 5 is a cross-section of a modified form of button.

In the drawing, 10 is the upper member having a depending threaded post 11, which post is provided with an eye 12 by which the assembled button is connected to a garment as by thread stitching.

The upper member 10 is radially stepped at 13 to provide anchorage means so that the cloth 14 may be securely gripped.

The base member 15 is centrally bored and threaded so as to function as a female member for the post 11. Radial steps 16 are adapted to mate with steps 13 for the purpose hereinabove noted.

The base member 15 is further formed with a boss 17, a concavity 18 and ribs 19 for a purpose to be hereinafter described.

My invention is practiced in the following manner:

A piece of fabric 14 somewhat larger than the outer surface of upper member 10 is placed thereover and stitched at its edges by means of the thread 20 to prevent its release as shown in Fig. 3.

Base member 15 is then screwed upon the post 11, the ribs 19 being of service in assisting in this operation. As the base member is thus actuated, the boss 17 bears against the thread 20 and draws the fabric inwardly until it is taut and stretched over the upper periphery of the upper member 10. As this is accomplished, the stepped portions 13 and 16 contact and firmly grip the fabric 14 so that the operation of screwing the base member 15 on the upper member 10 simultaneously and automatically tightens and clamps the fabric covering in its taut condition.

The concavity 18 serves the purpose of housing any excess material when the fabric is cut larger than actually necessary.

The button is preferably, but not necessarily, fabricated from a plastic material such as Bakelite so that it is washable and furthermore, may be, if desired, employed without a cloth covering. The construction employed also renders it most simple to remove the fabric so that the button may be recovered with new material as often as desired.

In Fig. 5 is disclosed a modification wherein the base member forms a frame 21 for the upper member while the elements of the invention are modified to conform to this embodiment. Fig. 5 illustrates the action of the boss 17*a* in tensioning the fabric prior to the complete engagement of the upper and base members.

The ribs 19 are also instrumental in anchoring the base member 15 against the garment on which it is sewn so that it is somewhat restrained against rotation during the use of the garment.

I have shown a preferred embodiment of my invention but it is obvious that numerous changes and omissions may be made without departing from its spirit.

I claim:

1. A button comprising an upper member, a fabric covering on said upper member, a depending threaded post having an eye formed thereon on said upper member, radial steps formed on said upper member, a lower member having a central internally threaded bore to engage said post, radial steps formed on said lower member to mate with those of said upper member, a boss

formed on said lower member whereby the engagement of said post by said bore will tension said fabric covering disposed around said upper member and said mated radial steps will clamp the edge of said fabric covering, and ribs formed on the lower surface of said lower member for anchoring said button against a garment during the use thereof.

2. A button comprising an upper member, a fabric covering on said upper member, a depending post formed centrally of said upper member, radial steps formed on the bottom surface of said upper member, a lower member having a central bore in which said post is disposed and whereby the button is assembled, radial steps formed on the upper surface of said lower member to mate with those of said upper member whereby said fabric covering is gripped between said steps, and means on said lower member to tension said fabric covering disposed on said upper member.

3. A button comprising an upper member, a fabric covering on said upper member, a lower member, engaging means connecting said members, complementary stepped portions formed on the respective margins of said members and gripping between them said fabric covering and means to connect the assembled button to a garment.

4. A button comprising an upper member having a concave bottom surface, a fabric covering on said upper member, a lower member connected to said upper member, a central projection formed on said lower member and tensioning said fabric covering by being disposed in the concavity of said bottom surface of said upper member, and complementary engaging means formed on the marginal portions of said members and gripping said fabric covering after it has been thus tensioned.

5. A button comprising an upper member having a concave bottom surface, a fabric covering on said upper member, a lower member connected to said upper member, a central projection on said lower member and tensioning said fabric covering by being disposed in the concavity of said bottom surface of said upper member, said lower member being formed with a marginal portion adapted to engage the adjacent marginal portion of said upper member, said lower member having a concavity between its marginal portion and said central projection, said concavity in said lower member housing any excess fabric after the engagement of said marginal portions is complete.

6. A button comprising an upper member having a concave bottom surface, a depending post formed centrally of said upper member, radial steps formed on the bottom surface of said upper member, a lower member having a central bore in which said post is disposed and whereby the button is assembled, radial steps formed on the upper surface of said lower member to mate with those of said upper member and a projection disposed adjacent to said bore of said lower member and being located in the concavity of said upper member when the button is assembled.

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