Sept. 27, 1949. H. GLUCKIN 2,483,273

GARMENT SUPPORTING FRAME

Filed April 29, 1946

Fig. 1

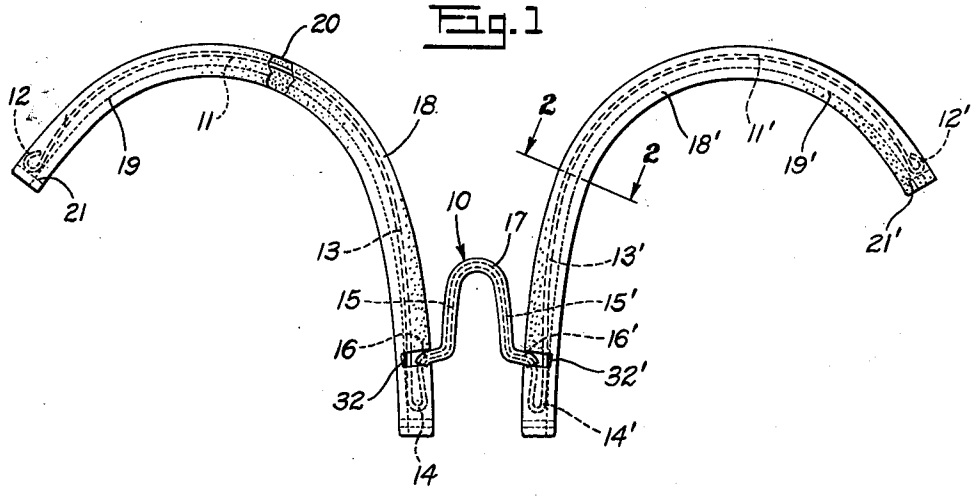


Fig. 2

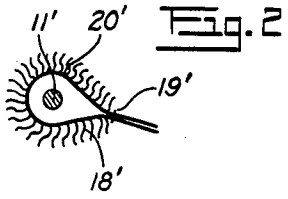


Fig. 3

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GARMENT SUPPORTING FRAME

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1 Claim. (Cl. 2—302)

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This invention relates to frames for supporting garments upon the body of a wearer. More particularly, the invention deals with a supporting frame comprising a pair of curved breast encircling portions integrally joined by a yieldable bridging portion with means attached to the curved breast encircling portions for attaching the frame to a garment or for providing detachable mounting of the frame in connection with a garment, the last named means also having means for detachably coupling the frame therewith. The novel features of the invention will be best understood from the following description when taken together with the accompanying drawing, in which certain embodiments of the invention are disclosed, and in which the separate parts are designated by suitable reference characters in each of the views; and in which:

Fig. 1 is a front view of a supporting frame showing one adaptation of my invention.

Fig. 2 is a section on the line 2—2 of Fig. 1; and

Fig. 3 is a view similar to Fig. 1, but on an enlarged scale and showing another form of construction.

In connection with supports of the kind under consideration, it has been the common practice to have the frame or supporting element built directly into the garment, such as a brassière or other type of garment by constructing the garment to provide a channel therein for detachable mounting of the frame in the garment. In other instances, the supporting frame has had a permanent mounting in connection with the garment.

The purpose of my invention is to provide as an article of manufacture, a supporting frame having means as a part of the frame whereby the same may be attached to, or detachably supported in conjunction with a garment of any type or kind. In this manner, frames of the kind under consideration can be sold direct to the garment manufacturer for mounting in garments of different types and kinds, or the said frame with the mounting member thereon may be sold at retail for purchase by the consumer for attachment in garments of various kinds and classses. In this connection, it will be understood that the frames will be made in sizes to suit three or four general body sizes, such for example, as small, medium, large and extra large, as well as to provide in such sizes frame curvatures preferably of small, medium and large to adapt the frame for breast sizes equivalent to what are generally known as A, B and C cups or pockets, for example, in the sale of brassières.

In Fig. 1 of the drawing, I have shown one form

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of frame or supporting element which I employ. This frame generally identified by the reference character 10, comprises two similar curved loop portions or members 11—11' terminating in inturned ends 12—12'. Inner end portions of the loops 11—11' have downwardly extending substantially straight portions 13—13' terminating at their lower ends in loops 14—14', the latter being coupled by an upwardly extending bridge spring coupling loop 15, joining the loops 14—14' in shoulder portions 16—16'. At 17 is shown a plastic or similar tube or sleeve protecting the central portion of the frame, and particularly the loop 15 thereof.

Arranged upon the frame 10 and primarily the curved loop portions 11—11' and ends 13—13' including the loops 14—14', are mounting strips or bands 18—18', one of which is shown in section in Fig. 2 of the drawing. These strips or bands simply comprise a strip of cushioning material folded upon itself and stitched together, as indicated at 19—19', to form elongated channels therein, as indicated at 20—20', in which the wire frame parts are arranged. The outer ends of the channels 20—20' are sealed by transverse stitchings, as at 21—21'.

In actual production, the strips or bands are preferably attachable and detachable with respect to the loop end portions of the frame so that the merchant, in the sale of a frame to a consumer, can apply strips or bands of color suitable to the garment to which the frame is to be attached.

Frames of the kind illustrated in Fig. 1 of the drawing are adapted for stitching directly to a garment in providing a supporting frame for the central breast portion of the garment, it being apparent that the curved loops 11—11' are adapted for arrangement about, or to partially encircle the breast portions of the garment.

In Fig. 3 of the drawing, I have shown a slight modification wherein a frame 10' generally similar to the frame 10 is employed, and instead of providing plain mounting strips or bands, as seen at 18—18' in Fig. 1, I employ on each side portion of the frame, bands such as the band 22, shown in Fig. 3, formed in cross section, similar to that shown in Fig. 2 by stitching, as at 23 and inwardly of the stitching and on the inner edge portion 24 of the band are arranged at suitable spaced intervals fastener devices, as at 25, preferably in the form of the male elements of what are generally known as snap fasteners.

In this way, and by securing to a garment companion female snap fastener elements in position for alinement with the elements 25, the

frame may be detachably supported in the garment, particularly in laundering or otherwise cleaning the garment. Here again the band or mounting strip 22 is made attachable and detachable with respect to the loop end portions of the frame. For example, the loop 26, shown in Fig. 3, including the downward extension 27 and the lower curved or loop portion 28, differs from the structure shown in Fig. 1, in that it is disposed in spaced relation to the curved portion 27 and thus brings the inner end of the frame to a position adjacent the shoulder 29 of the frame where the central spring loop or bridging member 30 joins the two frame sides. At 31 is shown the plastic or other protector sleeve on the loop 30.

Returning now to Fig. 1, it will appear that the loops 14 extend into the channels 20—20' through openings, as at 32—32' in detachable coupling of the straps 18—18' therewith. In other words, in Fig. 1, the mounting strips or bands 18—18' are detached after the loops 14—14' have been passed out through the openings 32—32'.

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

A garment supporting device comprising a frame and attaching bands, said frame comprising a pair of upwardly and outwardly curved members adapted to partially encircle breast portions of a garment, said members having inner

adjacent loop ends, a bridging member integrally joining said loop ends, said bridging member including a central upwardly extending loop portion joining the first named independent end loops in shoulder portions, said attaching bands being detachably mounted on and extending through the full length of said curved members and loop ends only of the frame, said bands being in the form of channeled strips, and said bands having means providing detachable mounting of the curved members of the frame with respect to said bands.

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