Feb. 1, 1949. H. SCHOEBEL 2,460,715

BRASSIERE

Filed June 20, 1947

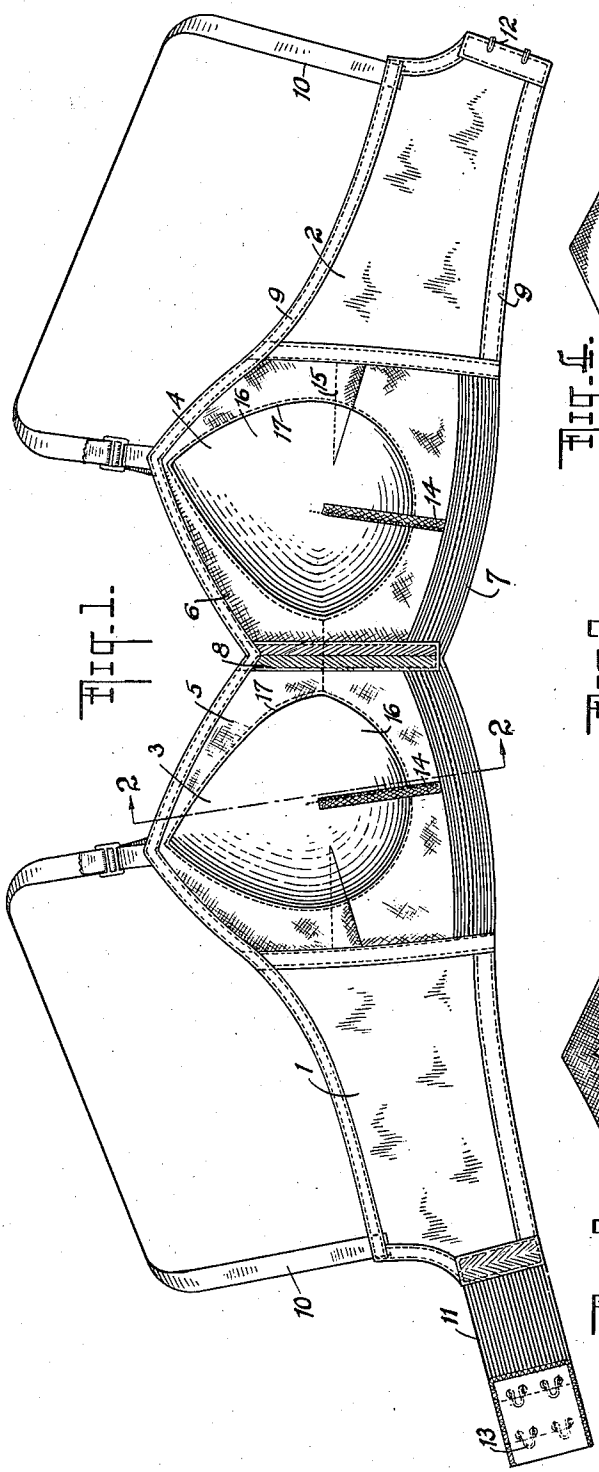


Fig. 1.

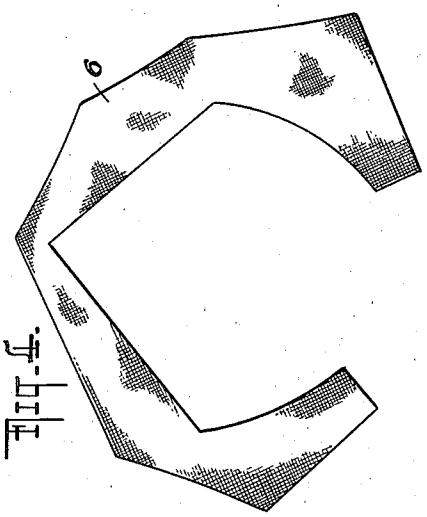


Fig. 4.

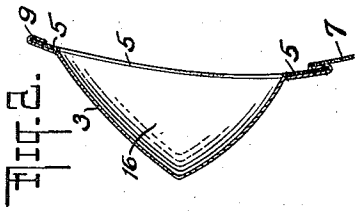


Fig. 2.

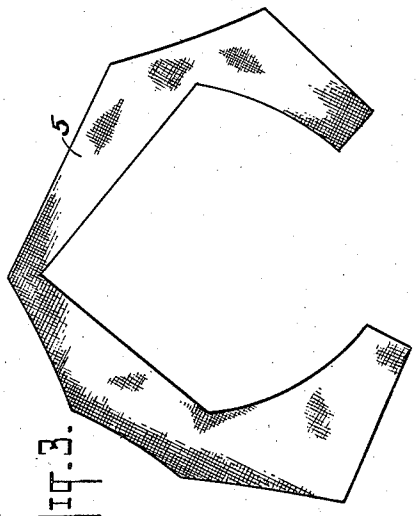


Fig. 3.

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UNITED STATES PATENT OFFICE

2,460,715

BRASSIÈRE

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Application June 20, 1947, Serial No. 755,839

2 Claims. (Cl. 2—42)

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This invention relates to a brassière and method of making the same, and in particular to a brassière wherein the breast pocket portions are formed by pre-shaped cut-out sections of cloth which are applied by adhesive methods to the brassière body.

In the shaping of the breast supporting pockets of a brassière, the usual method employed is to sew the pocket shaping cloth, which is in various segments and sections, for instance, in fabricating a brassière having breast-receiving pockets formed of a plurality of elements conforming to certain patterns, as in patent to McKeefrey, No. 2,267,595, dated December 23, 1941, in a predetermined position of such plurality of segments and sections on the brassière band. This method in which each pattern element must be carefully laid out and sewn requires a skilled worker in properly sewing said pocket shaping cloth elements together to form the bust-receiving pockets.

It is therefore the main object of this invention to provide a brassière having its breast pocket sections formed by prefabricated cloth cut and shaped to the desired form and in such prefabricated form applied to the brassière body. Said prefabricated cloth has a suitable adhesive applied thereto, whereby said prefabricated cloth may be firmly attached by heating and pressing said cloth in a predetermined position on the brassière band in the portions thereof which constitute the breast pockets.

Another object of this invention is to provide a method of forming the breast pockets of a brassière which is rapid, inexpensive and requires a minimum of skill in attaching said preformed cloth to the brassière band.

Other objects and advantages will appear from the following description considered in connection with the accompanying drawings, in which:

Fig. 1 is an elevational view of the inside of the brassière showing the relative positions of the pre-formed adhesive sections.

Fig. 2 is a longitudinal sectional view of the brassière of Fig. 1 taken along the lines 2–2.

Fig. 3 is an elevational view of one of the preformed adhesive sections showing its shape.

Fig. 4 is an elevational view of the other of the pre-formed adhesive sections.

Referring now to the drawings and in particular to the drawing of the brassière shown in Fig. 1, said brassière comprises body encircling bands 1 and 2, interconnected by a pair of breast supporting sections 3 and 4. Attached to substantially the periphery of said breast supporting sections 3 and 4 are pocket shaping segments 5 and 6. An elastic cloth strip 7 is attached to the bottom edge of said pocket shaping segments 5 and 6 and is also attached to the edges of said encircling bands 1 and 2. A stiffening cloth strip 8 is sewn in a vertical position between said pocket shaping segments 5 and 6 whereby said segments 5 and 6 are interconnected along their adjacent edges. A reinforcing strip 9 is sewn along the outer edges of the body encircling bands 1 and 2 and the pocket shaping segments 5 and 6. Said reinforcing strip 9 is also sewn between said body encircling bands 1 and 2 and said pocket shaping segments 5 and 6 whereby said brassière is given a finished appearance and additional reinforcement.

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Suitable shoulder straps 10 are provided in addition to the elastic band 11, hooks 12 and eye-loops 13 for holding the brassière in position on the body of the wearer.

A plurality of darts 14 and 15 are sewn into the breast supporting sections 3 and 4 to maintain the cup shaped contour of said breast supporting sections 3 and 4.

Fig. 3 shows how said breast pocket 16 is formed by said pocket shaping segments 5 and 6 and Figs. 3 and 4 show the pattern in which said segments 5 and 6 are cut before being attached to the breast supporting sections 3 and 4, respectively.

In order to insure the segments 5 and 6 against peeling, or having its edges frayed, a stitching 17 is applied to the edges of said pocket 16 and the contiguous edges of said pocket shaping segments 5 and 6.

The process for manufacturing the brassière is as follows:

A cloth, having any suitable adhesive material applied to at least one surface, is cut into the pattern shapes shown in Figs. 3 and 4.

A predetermined body encircling band 1 and 2 interconnected by breast supporting portions 3 and 4 is placed on the work table with the inside surface facing upward. The segments 5 and 6 are placed in position over the respective breast supporting portions 3 and 4 with the adhesive surfaces of said segments 5 and 6 in contact with the upward facing surfaces of said breast supporting portions 3 and 4. The operator now presses a hot iron over the surace of said segments 5 and 6 which causes said segments 5 and 6 to adhere tightly to the breast supporting portions 3 and 4 respectively. Stitching 17 may now be sewn along the contiguous edges of said segments 5 and 6 and said breast supporting portions 3 and 4 to prevent peeling of said edges during

use of the garment. Darts 15 and 14 are now sewn onto the attached surfaces to give the breast pockets 16 the proper contour. Elastic strip 7 and reinforcing strips 8 and 9 are sewn into position as shown to reinforce and finish the brassière.

As will be seen from the above description, the invention discloses a brassière having its breast pocket sections formed of prefabricated cloth having an adhesive surface cut to proper shape and applied by heat and pressure around the periphery of said breast pocket sections.

In addition, this new method of forming the breast cup of a brassière is a time saver and may be accurately assembled by a moderately skilled worker whereby the accurate stitching required in this operation is eliminated.

While, in disclosing the principles of my invention and its preferred embodiment, I have described various detailed structure and relationship, it will be understood that such embodiment and details are given by way of example only and not as limiting the scope of my invention.

I claim:

1. A brassière comprising a body encircling band having breast receiving pockets thereon, a preformed segment patterned to shape the contour of each of said breast receiving pockets, adhesive means for attaching said segments to said breast receiving pockets and a flexible strip adapted to maintain said contours of said segments whereby said breast receiving pockets are held in position on the breasts, said flexible strip extending throughout the bottom edge of each of said segments and being secured to the edges of said body encircling band.

2. A brassière comprising a body encircling band having breast receiving pockets thereon, a preformed segment patterned to shape the contour of each of said breast receiving pockets, adhesive means for attaching said segments to said breast receiving pockets and a flexible strip adapted to maintain said contours of said segments whereby said breast receiving pockets are held in position on the breasts, said flexible strip extending throughout the bottom edge of each of said segments and being secured to the edges of said body encircling band.

HENRY SCHOEBEL.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
715,353	Davis	Dec. 9, 1902
2,147,375	Lazzari	Feb. 14, 1939
2,258,277	Bullinger	Oct. 7, 1941
2,267,595	McKeefrey	Dec. 23, 1941
2,393,612	Bullinger	Jan. 29, 1944

Certificate of Correction

Patent No. 2,460,715. HENRY SCHOEBEL February 1, 1949.

It is hereby certified that error appears in the printed specification of the above numbered patent requiring correction as follows:

Column 4, line 2, claim 1, after the word "breasts", beginning with the comma and words ", said flexible" strike out all to and including "band" in line 5;

and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 6th day of September, A. D. 1949.

[SEAL]

THOMAS F. MURPHY,
Assistant Commissioner of Patents.