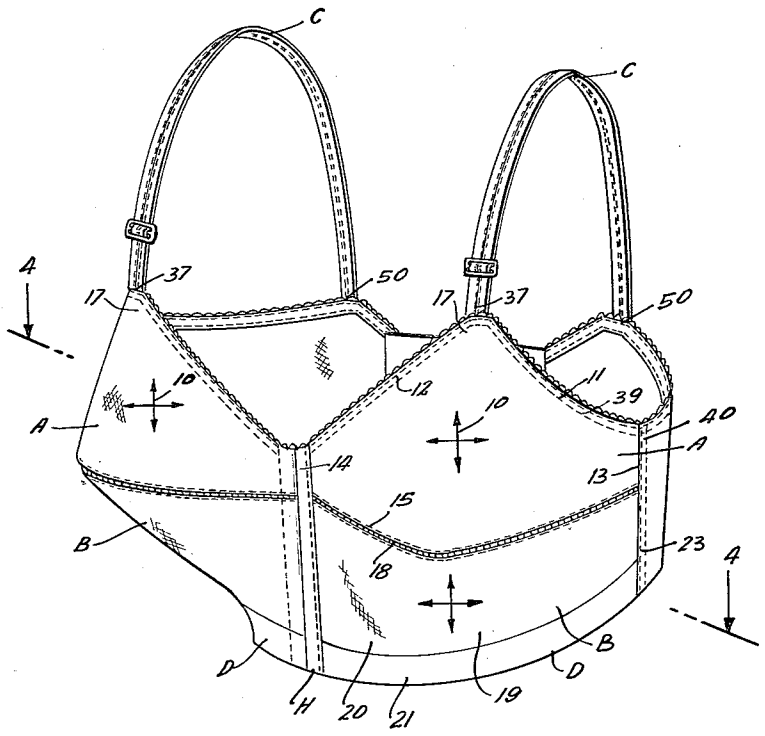
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BRASSIERE CONSTRUCTION

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FIG. 1



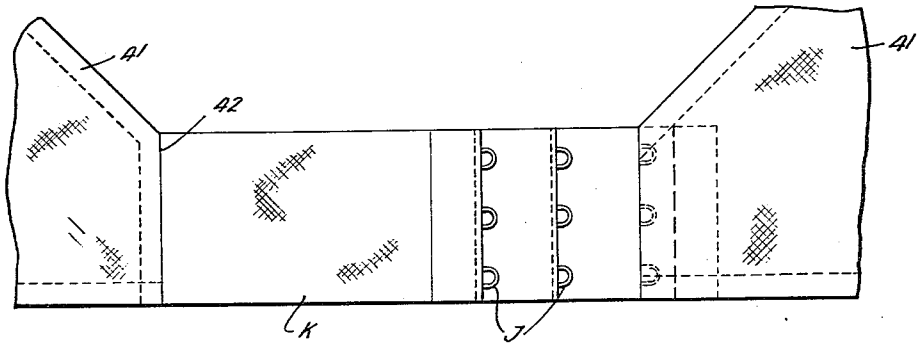


FIG. 2

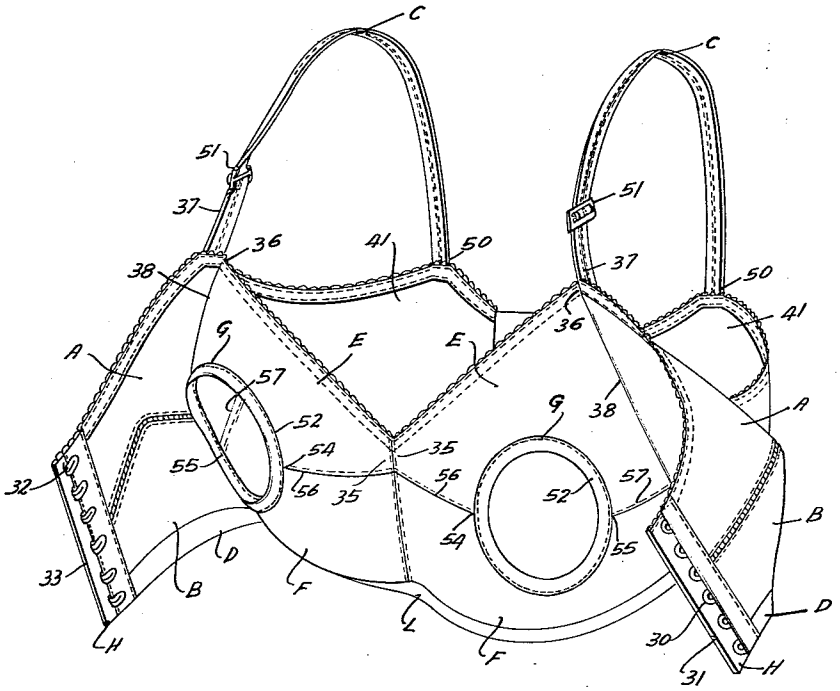
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FIG. 3



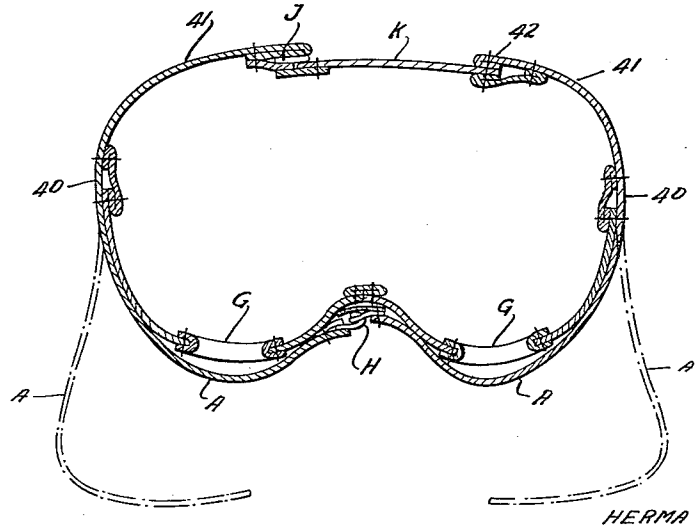


FIG. 4

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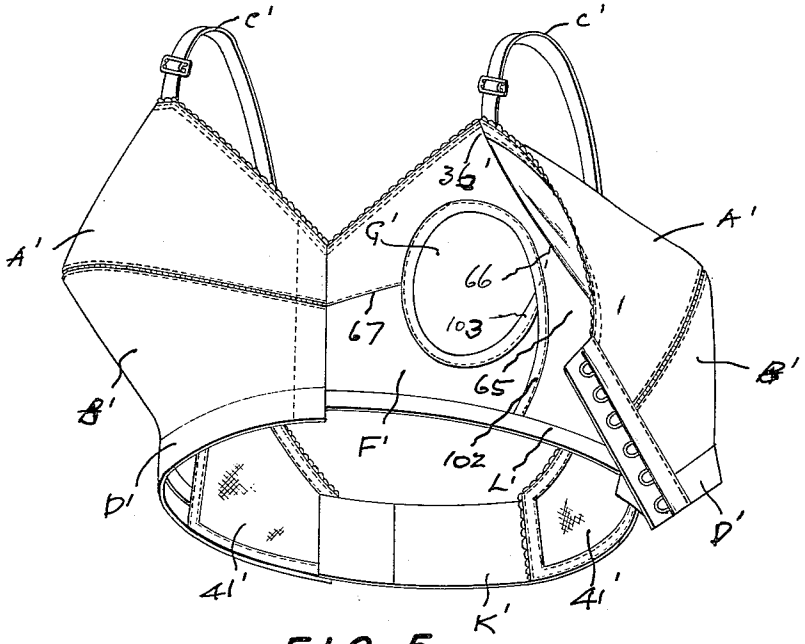


FIG. 5

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BRASSIERE CONSTRUCTION

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1 Claim. (Cl. 128—460)

The present invention relates to a brassiere construction, and it particularly relates to a double wall brassiere construction, and it particularly relates to a nursing brassiere which, although designed to be used in connection with maternity wear, also will find considerable use as a support garment.

It is among the objects of the present invention to provide a simple, readily fitted, light-weight, comfortable brassiere which, while giving adequate support, will enable ready use by mothers in connection with nursing activities.

Another object is to provide a brassiere which may be readily applied and removed and used for nursing purposes without removal of the brassiere or loss of its supporting function.

Still further objects and advantages will appear in the more detailed description set forth below, it being understood, however, that this more detailed description is given by way of illustration and explanation only and not by way of limitation, since various changes therein may be made by those skilled in the art without departing from the scope and spirit of the present invention.

In accomplishing the above objects it has been found most suitable to utilize a brassiere with a main double section front cup portion, one for each breast, with a central separation or attachment enabling the two breast cup portions to be connected together across a middle vertical line of the garment and at the front thereof.

Interiorly of the front breast cup sections fit two rear breast cup auxiliary sections having simple openings for nursing which also will have upper breast cup sections and lower breast cup sections. Each of these breast cup portions will have elastic members extending laterally across the bottom edges thereof, with the front section having a double width or thickness, as compared to the interior breast cup structure.

The size may consist of trapezoidal panels extending around the sides of the body which terminate in an elastic strap having a plurality of hook and eye adjustments thereon, adjustable for size.

It has been found most satisfactory to provide the breast cup sections with a vertical and horizontal bias, both for the interior and exterior breast cup structure, and to provide junction lines between the upper and lower section of each breast cup, whether interior or exterior, which will extend substantially across the nipples of the breast cup structures.

Desirably, the lower breast cup sections of both the interior and exterior structure, as well as the upper breast cup sections of both the interior and exterior structure, will expand from relatively narrow edge sections upwardly along both the upper and lower edges to a maximum width and peak at a vertical line extending through the nipple portions.

At the front of the exterior breast cup structure there will be a hook and eye attachment so that these sections may be detached from the interior sections.

Generally, the exterior and interior breast cup sections will be joined together at their vertical side edges under the arm pit sections and also along the top outside edges as they ascend to the peaks above the nipple portions. Otherwise, the exterior and interior structures will be free of attachments to one another.

Desirably, the cut of the exterior structure is such that it will fit more loosely than the interior structure and so that a tight fit of the interior breast cup structures will tend to bulge out the exterior breast cup structures.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which fall within the scope of the claim hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:

FIG. 1 is a front perspective view of a brassiere garment according to the present invention, showing the top straps and the exterior breast cup structure.

FIG. 2 is a rear interior view showing the alternative rows of hook and eye attachments.

FIG. 3 is a front perspective view similar to FIG. 1, showing the front structure opened out, more clearly to show the interior breast cup structure.

FIG. 4 is a transverse vertical sectional view upon the line 4—4 of FIG. 1.

FIG. 5 is a front perspective view of an alternative embodiment with one covering flap moved away to show the interior construction.

Referring to FIGS. 1 to 4, there is shown an exterior breast cup structure with the upper exterior cup portions A and the lower exterior breast cup sections B.

Each of these breast cup sections has shoulder strap attachments C and an elastic lower edging D. The entire breast cup structure is shown best in FIG. 3 with the upper breast cup sections E, the lower breast cup sections F and the nursing openings G.

The front or exterior breast cup structure A—B has the separable attachments H at front of the garment and the adjustable attachments J at the rear of the garment mounted in connection with the elastic band K.

The upper breast cup sections A of the exterior structure have a vertical and lateral bias **10** and they have tape edgings at **11**, **12**, **13** and **14** with an open stitch connection **15** to the upper edge of the lower section B. These sections A have a maximum height at their middle portion **16** where they reach a peak **17** directly above the nipple portion **18** of the exterior breast cup structure A—B.

The lower breast cup sections also are connected by the open stitching **18** to the lower edges of the upper sections B and they reach a maximum height at **19** directly below the nipple portions **18** and have a minimum width at **20** adjacent the fastening H and at **21** adjacent the side edge **23**.

The exterior breast cup sections A—B are joined together by the hook and eye fastening structure H (see FIG. 3), which has the eyes **30** protected by the backing strip **31** and the hooks **32** protected by the cover edge strip **33**.

The cover strip **31** is a flannel or felt portion which will fit smoothly against the interior breast cup structure and in which the roughened face thereof will grip such structure to eliminate relative vertical movement.

The entire breast cup structure has a central connection stitched seam at **34** extending vertically.

The upper sections E are joined together at their narrowest inside portions **35** and they ascend to a peak at **36** at their widest portions, where they are joined to the ends **37** of the shoulder straps C, together with the similar peaks **17** of the exterior upper cup sections A.

The upper outside oblique edges at **38** of the interior top sections E are stitched directly to the corresponding edges **39** (see also FIG. 1) of the exterior structure, and the side edges of both the interior structures E—F, as well as the exterior structures A—B, are stitched together at the side edges **40** extending downwardly from under the arm pit sections.

From the junction seams **40** at the sides of the garment there will be trapezoidal rear sections **41**, one of which extends to the elastic strap and is stitched to it, as indicated at **42** in FIG. 4, and the other one of which is connected to the adjustable hook and eye arrangement **J**.

The elastic tape L on the bottom edge of the interior structure E—F is thinner and less binding than the elastic tape D on the exterior structure A—B.

The shoulder straps C are attached to the rear sections **41** adjacent the connections to the elastic strap K at the points **50**, as shown in FIGS. 1 and 3, and these straps have the adjustment buckles **51** adjacent the peaks **36** and **17** at the front structure of the garment.

The openings G will have the double folded fabric tape edging **52** which will extend across the edges **54** and **55** of the transverse seams **56** and **57** extending horizontally across the nipple portion or peak portion of the breast cups.

In the alternative structure of FIG. 5, the interior breast cup structure has an overlapped construction with the portion adjacent the outside side seam being devoid of a transverse horizontal seam to consist of an overlap end portion **65** and other portion **66**, both of which are stitched together at the side seam **67**.

This overlap structure permits greater pliability and flexibility at the sides of the interior breast cup structure E—F.

It is thus apparent that the present applicant has provided a novel double function brassiere, giving a double support to the breasts which is particularly useful for maternity purpose by ready removal and unhooking of the front exterior breast cup structure for nursing purposes.

The rear structure is readily adjustable and also has a detachable elastic strap connection which permits ready fitting on and removal of the entire brassiere structure. The brassiere, in spite of its double exterior and interior construction, is quite comfortable to wear, will not unduly constrain the body and will give adequate support without discomfort.

As many changes could be made in the above brassiere construction, and many widely different embodiments of this invention could be made without departure from the scope of the claim, it is intended that all matter contained in the above description shall be interpreted as illustrative and not in a limiting sense.

In the embodiment of FIG. 5 correspondingly functioning parts are indicated by the same letters and numerals primed as in FIGS. 1 to 4.

The inner breast cover structure F' has overlapping sections **65** and **66** the edges of which are covered by the spirally attached tape **102** on section **65** and **103** on section **66**. The top section **65** will extend from the peak **36'** down to the waist band L', while the under section **66** will also extend down from under the armpit, as indicated at **11** in FIG. 1 to the waist band F'. This overlapping construction will give greater play to the opening G'.

Having now particularly described and ascertained the nature of the invention, and in what manner the same is to be performed, what is claimed is:

A double front breast cup structure nursing brassiere having an exterior breast cup structure with upper and lower breast cup sections, having a separable fastener connection extending vertically across the middle front portion of the brassiere, and an interior breast cup structure with upper and lower breast cup sections and said upper breast cup sections leaving oblique top and outside edges and said cup sections being joined at the side seams and having a vertical front seamed connection and a central opening extending across portions of the interior of each breast cup structure, the interior cup sections having overlapping side portions adjacent the sides of the brassiere and secured together at the side seams of the brassiere, with the upper portions of the interior breast cup structure and the lower portions of the interior breast cup structure being extended toward the side seams and overlapping one another, sidewardly and rearwardly extending trapezoidal sections stitched at their front edges to the outside edges of the exterior and interior breast cup structures, an adjustable elastic connection strap at the rear of the garment connecting the rear edges of the trapezoidal sections, each of said breast cup sections having a vertical and horizontal bias and said sections reaching a maximum height at the nipple portions and a minimum height at the vertical central connections and at the side edge seams, said exterior and interior structures being stitched together along the outside side edges thereof and along the oblique top and outside edges as the upper breast cup sections extend upwardly toward a peak above the nipple portion and said interior and exterior structures having elastic bands forming the lower margins thereof with the elastic band of the exterior structure being heavier and wider than the elastic band of the interior structure.

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