Dec. 12, 1961 S. GRISHMAN 3,012,556

PANTY GIRDLE WITH RELATIVELY MOVABLE SIDE PANELS

Filed Jan. 25, 1960

FIG. 1.

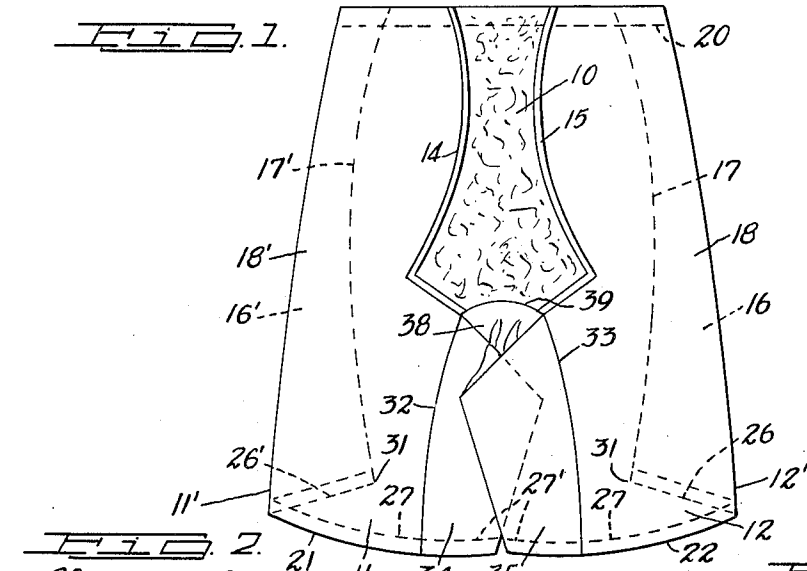


FIG. 2.

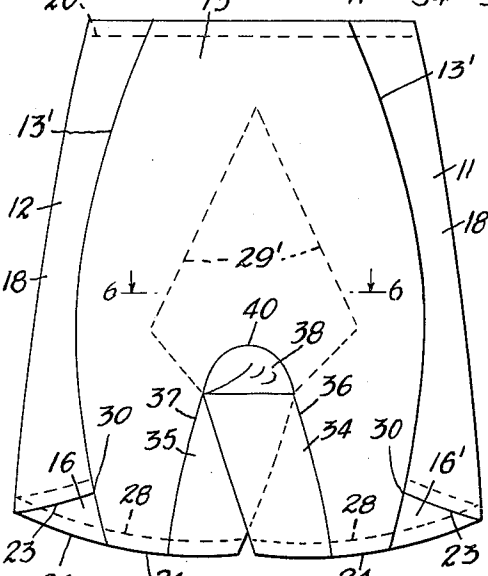


FIG. 3.

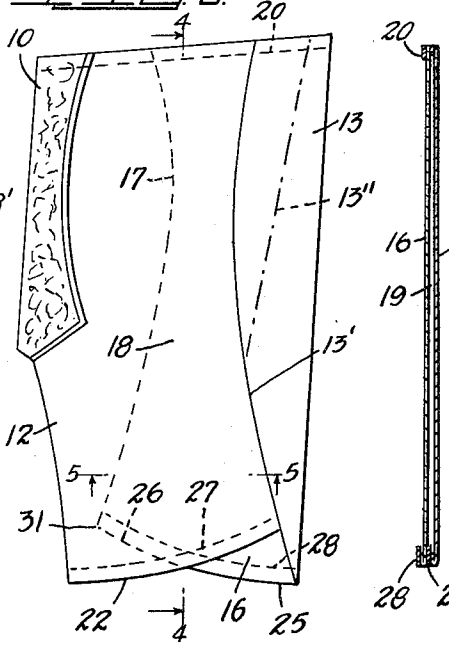


FIG. 4.

FIG. 5.

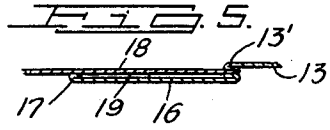
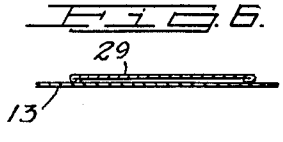


FIG. 6.



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PANTY GIRDLE WITH RELATIVELY MOVABLE SIDE PANELS

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This invention relates to panty girdles fashioned from all-way stretch material, at least throughout the major portion of the garment. More particularly, the invention deals with a garment of the character described, wherein the side portions are constructed from overlapped relatively movable panels controlling relative movement of the front and back portions of the garment, particularly at and below the hip portions of the garment in providing free bending and leg movement.

Still further, the invention deals with a garment of the character described, wherein upper edges of the panels are attached to define, between the overlapped panels, pockets opening through the lower portion of the garment.

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 diagrammatic front view of a garment made according to my invention, illustrating the front and rear portions of the garment arranged directly one upon the other, with leg portions of the garment overlapped.

FIG. 2 is a view similar in arrangement with respect to FIG. 1, but showing the rear portion of the garment.

FIG. 3 is again a view similar to FIGS. 1 and 2, showing one side of the garment, with part of the rear central portion of the garment tucked in.

FIG. 4 is a diagrammatic section on the line 4—4 of FIG. 3, omitting background showing.

FIG. 5 is a partial section on the line 5—5 of FIG. 3 omitting background showing; and

FIG. 6 is a partial section on the line 6—6 of FIG. 2 omitting background showing.

While a garment of the type and kind under consideration can be formed in its entirety from latex, in illustrating one adaptation and use of the garment, I have shown the same as composed, for a major part, of all-way stretch fabric, except for a front irregular contoured panel 10 which may be of nylon or other lace-like material to give character and contour to the front of the garment.

The body portion of the garment is otherwise fashioned from two sides, namely the left side 11 and the right side 12, as clearly noted in FIG. 1 of the drawing. These sides join with a rear garment portion 13 in curved seams, indicated diagrammatically at 13' in FIG. 2 of the drawing. At this time, it is well to mention that no stitching is indicated in the accompanying drawing in order to simplify and not confuse the illustration.

It will be noted that attachment of the panel 10 to the sides 11 and 12 is by way of suitable reinforcing strips 14 and 15. Attached to the seams 13' and extending onto 11 and 12, respectively, are panel strips, one of which is indicated at 16 in section in FIG. 5 of the drawing and indicated at the right of FIG. 1, the associated strip being indicated at 16' at the left of FIG. 1. One side edge of each of these strips conforms to the contour of the seams 13', as noted at the right of FIG. 3 whereas, the other side edge generally conforms to the contour of the seams 13', as diagrammatically indicated by the dotted line 17 in FIG. 3 and shown in

full lines at 17 in FIG. 5. The corresponding seam of the opposed side is indicated at the left of FIG. 1 at 17'.

It will, thus, appear that, between the seams 13', 17 and 17', the portions of 11 and 12 overlying the panel strips 16, 16' can be defined as other panel portions 18, 18', the latter being indicated at the left of FIG. 1 of the drawing.

The two panels 16, 18; 16', 18' form therebetween chambers or pockets, as indicated at 19 in FIGS. 4 and 5 of the drawing which open through the bottom of the garment and, while they can open through the top of the garment, they are preferably sealed at the top in the waistband portion of the garment which includes a waistband on the inner surface thereof, as clearly indicated at 20 in FIG. 4 of the drawing and in dotted lines in FIGS. 1, 2 and 3 of the drawing. This waistband extends across the panel 10, as indicated in FIG. 1 of the drawing and is made of any suitable extensible material to compensate for extension of the all-way stretch material employed in the garment.

The lower edges of the sides 11 and 12 are rounded, as noted at 21 and 22 in FIG. 1 of the drawing and these rounded edges terminate in substantially straight upwardly extending ends, as indicated at 23 in FIG. 2 of the drawing.

The lower edge of the rear portion 13 of the garment is also rounded, as indicated at 24, and this extends onto a rounded portion 25 at the lower edge of the panel 16, note FIG. 2, the latter terminating in a substantially straight upwardly extending end, as indicated at 26 in FIG. 3, the corresponding end of the opposed panel 16' being indicated at 26' in FIG. 1 of the drawing.

It will appear that the lower edge portions of the fronts 11 and 12 include finishing bands, as diagrammatically indicated at 27 in FIGS. 1 and 3 of the drawing and similar bands 28 are at the lower edge portions of the back 13 and continue onto the lower edge portions of the panels 16, 16', the latter being indicated in FIG. 2 of the drawing. The back 13 is reinforced by a supplemental reinforcing panel, generally diamond-shaped in contour. This panel is indicated, in part in section, at 29 in FIG. 6 of the drawing and the side edges are indicated by the dotted lines 29' in FIG. 2 of the drawing.

The overlapped portions of the panels 16, 16'; 18, 18' terminate in their attachment with respect to each other at the points 30 and 31. It will appear, from a consideration of FIGS. 1 and 2 of the drawing, that the lower edge portions of the sides 11 and 12 are sufficiently long to form what may be termed outer leg engaging portions, as at 11', 12' in FIG. 1 of the drawing, and secured to the forward edges of these portions by suitable seams, as at 32. 33. are inner leg portions 34 and 35, the rear edges of these portions being seamed to the lower portions of the back 13, as at 36 and 37, respectively.

In the present illustration, the portions 34, 35 are overlapped with respect to each other in order to simplify the illustration and attached to upper edges of these inner leg portions 34, 35 is a crotch portion 38 of flexible non-extensible fabric of any kind which is attached to the panel 10, as indicated at 39 in FIG. 1 and to the rear garment part 13, as indicated at 40 in FIG. 2 of the drawing. The attachment at 40 will also be to the reinforcing panel 29, as will be apparent.

It will also be understood that the bands 27 extend onto lower edge portions of the inner leg parts 34, 35, as indicated at 27' in FIG. 1 of the drawing, and would be continuous with the bands 28 which are at the lower portions of the rear garment part 13, these lower portions also forming part of the leg portions of the garment, as will clearly appear from a consideration of FIG. 2 of the drawing.

To simplify the illustration in FIG. 4 of the drawing,

the vertical center of the rear garment part 13 is folded inwardly in the illustration in FIG. 3 and this inward fold is indicated by the dot-dash line 13'' in FIG. 3, again keeping in mind that the two sides are arranged directly one upon the other, aside from this inwardly folded portion, as at 13''.

It will appear that each of the panels 16, 18; 16', 18' have free relative movement one with respect to the other midway of the sides of the garment when in use to compensate for free body bending and leg movement and this relative movement continues through the entire vertical sides of the garment, but is of greater resistance by virtue of the direct attachment of sides of the panels with the body portions of the garment. By virtue of the latter construction, it will appear that the sides of the garment are well reinforced and, at the same time, sufficiently yieldable to provide movement in the garment to compensate for body movement without displacing position of the garment upon the body of the wearer. Here, it should be kept in mind that the flared upper portions of the panels 16, 18; 16', 18' will serve to reinforce and strengthen the waistband portion of the garment and materially aid in maintaining position of this waistband portion upon the body of the wearer.

It will also be understood that strains to which the lower portions of the garment are subjected are taken up, not only through the relatively movable overlapped panels, but also through the body portions of the garment to which these panels are attached as, for example, at the seams 13' and 17, 17', as clearly illustrated in FIGS. 1, 2 and 3 of the drawing.

While no attempt has been made to illustrate the opening of the chamber or pocket 19 at each side of the garment at the lower portion thereof, it will be understood that this opening would take place between the band 27 and the panel 16, as illustrated in FIG. 4 of the drawing.

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

1. A panty girdle comprising two front portions including integral side panels, a rear garment part and a front panel interposed between and connected to forward edges of said front portions, rear edges of said side panels and side edges of said rear garment part being joined in a vertical seam, other side panels having one side edge fixed to said seams and the opposed side edge fixed to the front portions in spaced relation to said seams to form, in combination with the first named panels, overlapped relatively movable pairs of panels at sides of the girdle, the lower part of the front portions, the rear garment part and said pairs of panels forming outer leg engaging portions, inner leg engaging portions attached to forward edges of said front portions and to lower extending portions of said rear garment part, all of the garment parts defined, except said front panel, being composed of all-way stretch material, a crotch portion attached to said inner leg engaging portions, the front panel and said rear garment part, the sides of the panel portions of each pair having flared upper and lower end portions, the panel portions in each pair forming chambers therebetween, and said chambers opening through the lower edge portion of the girdle.

2. A girdle as defined in claim 1, wherein the lower edges of the panel portions are of greater width than the upper end thereof.

3. A girdle as defined in claim 1, wherein the front body portion includes centrally of the upper portion thereof a panel of non-extensible material.

References Cited in the file of this patent

UNITED STATES PATENTS

595,554	Bond	Dec. 14, 1897
1,584,434	Colley	May 11, 1926
2,445,322	Fridolph	July 20, 1948
2,490,137	Keller	Dec. 6, 1949
2,529,115	Thalman	Nov. 7, 1950