REINFORCED ELASTIC FOUNDATION GARMENT

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ABSTRACT OF THE DISCLOSURE

A foundation garment characterized by multiple elastic panels having connected reverted edges defining double thickness reinforcing areas of generally X-shaped configuration overlying the abdomen of the wearer, and correspondingly connected reverted edges defining reinforcing areas of generally V-shaped configuration converging downwardly over the buttocks. The reinforcing strips so formed converge in width from the center of the garment toward the sides.

Background of the invention

(1) Field of the invention.—This invention relates to elastic or partially elastic foundation garments, such as a girdle or panty girdle, and more particularly to such a garment comprised of a plurality of panels, preferably though not necessarily of two way stretch elastic, the panels having adjacent edge portions reverted to form internal reinforcing strips, the adjacent reinforced edges being stitched together to define front and rear portions of the garment, the reinforcing strips of the front sections being of substantially X-shape, while the reinforcing strips of the rear sections are of substantially V-shape.

(2) Description of the prior art.—Applicant is aware that such garments comprised of a plurality of stitched together panels having reverted edges have heretofore been known. In applicant's own prior Patent No. 3,004,538, such reverted edges are shown. However, in this patent the panels are of one way stretch elastic, and the edges are reverted so that the wales of the reverted portions extend angularly relative to the wales of the main body, so that the direction of elasticity is different, thus affording relatively inelastic reinforcing strips, tightly restrictive of the portion of the figure which such strips overly.

Similarly in applicant's own prior Patent No. 2,628,354, reinforcing strips of generally X-shape are shown as overlying the abdomen. The strips are, however, separate from and stitched interiorly of the garment. V-shaped separable reinforcing strips are disclosed in applicant's prior Patent No. 3,121,428 as well as applicant's Design Patent No. 195,239.

Summary

The instant invention has as a primary object the provision of a girdle or panty girdle particularly suitable for slight figures requiring little support reinforced at those areas usually requiring supplemental support, comprised of opposed triangular upper and lower front panels, preferably, though not necessarily, formed of two way stretch elastic having their lower and upper edges, respectively, reverted, such edges being stitched to the oppositely reverted edges of triangular center panels, on each side, the apices of the center panels being in confronting relation, to define X-shaped front reinforcing strips.

A further object of the invention is the provision of such a garment having opposed upper rear panels of substantially right triangular configuration with their apices inverted and stitched together along their confronting sides, the hypotenuse of each upper rear panel being reverted and stitched to a correspondingly diverging upper reverted edge of a lower rear panel, the reverted portions of the upper and lower rear panels defining a substantially V-shaped rear reinforcing area extending over and below the buttocks to a point adjacent the coccyx, providing relatively firm support over and beneath the buttocks.

Still another object of the invention is the provision of such a garment wherein the reverted portion tapers in width from the center of the garment toward the sides, to provide maximum restraint over those areas apt to be most prominent.

In the drawings:

FIGURE 1 is a front perspective view of one form of garment embodying this inventive garment, as it appears on the wearer.

FIGURE 2 is a similar rear perspective view.

FIGURE 3 is a fragmentary front plan view of the crotch portion of the garment.

FIGURE 4 is an enlarged fragmentary sectional view taken substantially along the line 4—4 of FIGURE 1 as viewed in the direction indicated by the arrows.

FIGURE 5 is an enlarged fragmentary sectional view taken substantially along the line 5—5 of FIGURE 3 as viewed in the direction indicated by the arrows.

FIGURE 6 is a front plan view of the garment in reversed position, or of the interior front side thereof.

FIGURE 7 is a plan view of a single element shown in FIGURE 6.

FIGURE 8 is an enlarged fragmentary sectional view taken substantially along the line 8—8 of FIGURE 6 as viewed in the direction indicated by the arrows.

FIGURE 9 is an enlarged fragmentary sectional view taken substantially along the line 9—9 of FIGURE 6 as viewed in the direction indicated by the arrows, and

FIGURE 10 is a plan view taken from the inside of the garment of the constructional detail disclosed in FIGURE 9.

Description of a preferred embodiment of the invention

Having reference now to the drawings in detail wherein there is disclosed a preferred embodiment of the invention, there is generally indicated at 20 a foundation garment, illustratively a panty girdle. The garment includes a conventional elasticized waist band 21 from which depends a front portion generally indicated at 22 and a rear portion generally indicated at 23.

A front center piece 24 is secured by waist band 21 and is formed with diverging arcuate outer edges 25 from which opposite arcuate bottom edge portions 26 curve upwardly to the center of the oval center opening 27. Center piece 24 is comprised of an inner inelastic piece 28 and an outer two way stretch elastic piece 29. Rows of stitching 30 surround opening 27 and seam the pieces together. An inverted loose portion 31 covers the outer face of center piece 24.

Generally triangular upper front panels 35 are provided on opposite sides of center piece 24 and are sewed along their upper edges to waist band 21. The lower edges of each panel 35 are reverted as at 37 with the width of the reverted portions 37 tapering to a decreasing width from the center piece 24 towards the sides, the inner edges of each reverted portion being stitched to the center piece 24 by a line of stitching 36.

Triangular center front panels 40 are also provided, having their upper and lower edges reverted as at 41 and 42, respectively, the width of the reverted portions 41, 42 decreasing from the center towards the sides, with the reverted portions 41, 42 being secured to the panel 40 by lines of stitching 43 and 44, respectively. The lower edges of upper front panels 35 are firmly stitched to the upper edges of the center front panels 40 as at 45 along a downwardly inclined line conforming to the line of reversion so that a double width layer of double thickness material tapering increasingly in width from the sides to the center
What is claimed is:

1. A foundation garment including a front section comprised at least in part of elastic material having elastic reinforcing strips in substantially the form of a V adapted to overlie the buttocks, with the point of the V terminating in the region of the coccyx, said front section comprising a center piece and a plurality of opposite side panels, the panels on each side being substantially mirror images of those on the opposite side, the contacting edges of the panels on each side being reverted to define double thicknesses of material in form said reinforcing strips, said contacting edges being inclined relative to the vertical axis of the garment to define said X-shaped form.

2. The structure of claim 1 wherein all of said panels are of two-way stretch elastic.

3. The structure of claim 2 wherein said plurality of panels include lower front and rear panels having their inside edges connected together to define leg portions.

4. The structure of claim 3 wherein an open crotch portion is provided.

5. The structure of claim 4 wherein said open crotch portion is relieved by overlapping unsecured opposite crotch pieces of inelastic material.

6. A foundation garment including a front section comprised at least in part of elastic material having elastic reinforcing strips in substantially the form of an X on the inner side thereof adapted to overlie the abdomen, and a rear section having reinforcing strips in substantially the form of a V adapted to overlie the buttocks with the point of the V terminating in the region of the coccyx, said front section being comprised of a center piece and a plurality of opposite side panels, the panels on each side being substantially mirror images of those on the opposite side, the contacting edges of the panels on each side being reverted to define double thicknesses of material in form said reinforcing strips, said contacting edges being inclined relative to the vertical axis of the garment to define said X-shaped form.

7. The structure of claim 6 wherein said rear section comprises a pair of substantially right angled triangular elastic panels having their apices depending and adapted to extend to the region of the coccyx of the wearer, the adjacent sides being secured together with the edge comprising the hypotenuse of each triangle being reverted to provide a double thickness of material, a pair of elastic
lower panels secured together at the apices of the upper panels and having outwardly and upwardly inclined upper edges, said upper edges being reverted to provide a double thickness of elastic material secured to the reverted lower edges of said upper panels, said reverted edges defining said V-shaped form, the outer edges of said upper rear panels and said lower rear panels defining substantially straight side edges, said front section having elastic characteristics and extending between said side edges and adapted to overlie and restrain the abdomen of a wearer.

8. The structure of claim 7 wherein all of said panels are of two-way stretch elastic.

9. The structure of claim 8 wherein said front and rear lower panels are provided with inside edges connected to form leg portions.

10. The structure of claim 9 wherein an open crotch portion is provided at the upper juncture of said leg portions.

11. The structure of claim 10 wherein said open crotch portion is normally closed by overlapping unsecured opposite crotch pieces of inelastic material.

12. A foundation garment including a front section comprised at least in part of elastic material having elastic reinforcing strips in substantially the form of an X on the inner side thereof adapted to overlie the abdomen, and a rear section having reinforcing strips in substantially the form of a V adapted to overlie the buttocks with the point of the V terminating in the region of the coccyx, said rear section including a waist band, a pair of substantially right angled triangular elastic panels having their apices depending and adapted to extend to the region of the coccyx of the wearer, the adjacent sides being secured together with the edge comprising the hypotenuse of each triangle being reverted to provide a double thickness of material, a pair of elastic lower panels secured together at the apices of the upper panels and having outwardly and upwardly inclined upper edges, said upper edges being reverted to provide a double thickness of elastic material secured to the reverted lower edges of said upper panels, said reverted edges defining said V-shaped form, the outer edges of said upper rear panels and said lower rear panels defining substantially straight side edges, said front section having elastic characteristics and extending between said side edges and adapted to overlie and restrain the abdomen of a wearer.

13. The structure of claim 12 wherein all of said reverted edges taper in width from the center towards the side of the garment decreasingly.

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