

Dec. 2, 1952

P. BLATT

2,619,645

GARTER BELT

Filed Feb. 8, 1951

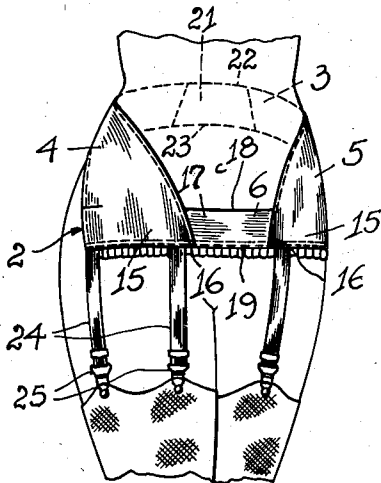


FIG. 1

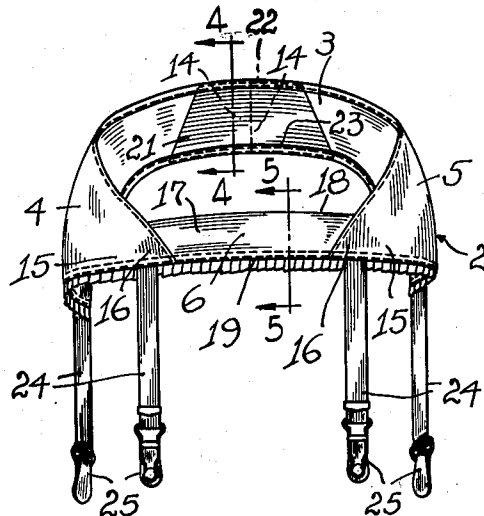


FIG. 2

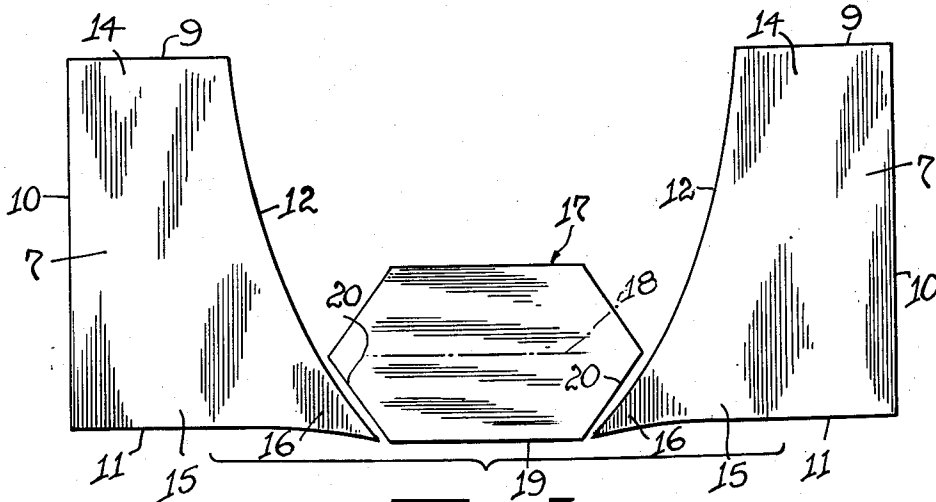


FIG. 3

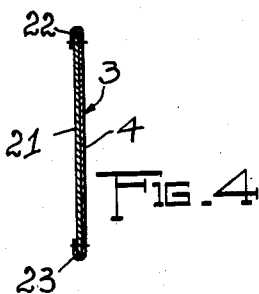


FIG. 4

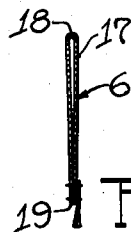


FIG. 5

INVENTOR.
PAULA BLATT

BY
Gustav A. Wolff.
ATT.

UNITED STATES PATENT OFFICE

2,619,645

GARTER BELT

Paula Blatt, Berea, Ohio

Application February 8, 1951, Serial No. 210,007

4 Claims. (Cl. 2-41)

1

The present invention relates to new and useful improvements in girdle-like garment supporters.

The general object of the invention is the provision of a new and improved girdle-like garment supporter constructed to give the wearer full freedom of stride for unhampered action in sports and gymnastics, properly support wearing apparel such as hose, and freely expose the central abdominal region of the wearer to permit use of the supporter without discomfort by prospective mothers.

Another object of the invention is the provision of a girdle-like garment supporter constructed with a composite belt structure including a back portion which is locally reinforced by longitudinally resilient means of quadrilaterally shaped outline, hip encircling, longitudinally resilient and vertically non-resilient side portions which extend integrally from opposite ends of said back portion and increase in width toward the ends, and a substantially straight, longitudinally resilient, vertically non-resilient front portion which has its ends connected to the upper area of the side portions adjacent to their wider ends; the belt structure adapted to hug by its side portions the hips of a wearer and to support without restricting the central abdominal region of such wearer, all for the purpose of giving unhampered freedom of action and provide for prospective mothers a garment supporter which can be worn comfortably and supplies lift to their central abdominal regions.

A further object of the invention is the provision of a girdle-like garment supporter of the type described above in which the back and side portions are formed by two oppositely arranged, symmetrically constructed, elongated blanks, each of which has two straight and two curved edges, the straight edges differentiating in length and intersecting each other at a right angle and the curved edges differentiating in length and intersecting each other at an angle of approximately forty-five degrees to effect hugging of the hips of the person wearing the garment supporter.

The above referred to hugging action of the garment supporter is accentuated by the longitudinally resilient, vertically non-resilient front portion which is formed from a blank having quadrilateral shape and parallel top and bottom edges, of which the bottom edge is the shorter one and forms the front bottom edge of the belt structure. The side edges of the thus con-

2

structed, quadrilaterally shaped blank are attached to the longer curved edges of the two blanks forming back and side portions of the belt structure.

Still another object of the invention, therefore, is the provision of a girdle-like garment supporter of the type referred to above which includes two blanks having their one end portions secured to each other and being attached near the free end portions of the longer curved sides of the blanks to a longitudinally resilient, vertically non-resilient blank folded to quadrilateral shape with parallel top and bottom edges, the bottom edge being the shorter one and forming the bottom edge of the assembled belt structure.

In addition the invention has certain other marked superiorities which radically distinguish it from presently known structures. These improvements or superiorities, embodying certain novel features of construction, are clearly set forth in the following specification and the appended claims, and a preferred form of embodiment of the invention is hereinafter shown with reference to the accompanying drawing forming part of the specification.

In the drawing:

Fig. 1 is a perspective view of a girdle-like garment supporter constructed in accordance with the invention, the supporter being shown applied to a female figure;

Fig. 2 is a perspective front view of the girdle-like garment supporter shown in Fig. 1;

Fig. 3 is a plan view of the blanks forming the belt structure of the girdle-like garment supporter;

Fig. 4 is a cross-sectional view through the back portion of the girdle-like garment supporter, the section being taken on line 4-4 of Fig. 2; and;

Fig. 5 is a cross sectional view through the front portion of the girdle-like garment supporter, the section being taken on line 5-5 of Fig. 2.

Referring now more in detail to the exemplified form of the invention shown in the drawing, the girdle-like garment supporter shown therein embodies a combination belt structure 2 which comprises a rear portion 3, oppositely arranged side portions 4 and 5 integrally extended from said rear portion, and a front portion 6. Back supporting portion 3 and side portions 4 and 5 are jointly formed by two symmetrically-shaped blanks 7, each of which includes adjoining, rectangularly related straight

edges 9 and 10 differentiating in length and curved edges 11 and 12 differentiating in length and curved to shape the blank with a narrow end portion 14 and a wider end portion 15. The wider end portion 15 is formed with an extended pointed corner 16 formed between the curved side edges 11 and 12 which intersect each other at an angle of approximately forty-five degrees.

Blanks 7 have their narrow end portions 14 connected with each other by sewing and, furthermore, have their extended pointed corners 16 of the wider end portions 15 sewn to front portion 6. This front portion is formed by a doubled-up blank 17 having quadrilateral shape and parallel top and bottom edges 18 and 19. The shorter bottom edge 19 is substantially aligned with the shorter curved edges 11 of blanks 7 and the side edges 20 of doubled up blank 17 are sewn to the longer curved side edges 12 of blanks 7. Blanks 7 and 17 are made of rubberized material resilient in one direction only and the material is cut to provide for longitudinal resiliency of the blanks. This arrangement effects a hip-hugging action of side portions 4 and 5 on a person wearing the girdle-like garment supporter as doubled back blank 17 is secured with its side edges 20 to the longer curved edges 12 of blanks 7 which is stretchable longitudinally only. The hugging action of side portions 4 and 5 is enhanced by the lower resiliency of the doubled back blank 17, having two superposed layers of stretchable material.

The rear portion 3 of belt structure 2 is reinforced by a quadrilaterally shaped, back supporting resilient member 21 having parallel top and bottom edges 22, 23 of which the top edge 22 is the shorter one. Back supporting member 21 is made of material having substantially less resiliency than the material used for blanks 7 and 17 and is secured to blanks 7 only with its top and bottom edges. This member 21 is positioned to yieldingly engage with its entire surface the sacroiliac region of a wearer of the girdle-like garment supporter.

Belt structure 2 has suspended from the wider end portions 15 of side portions 4 and 5 pairs of short elastic hose attaching members 24 which carry at their outer ends hose attaching clips 25 of customary construction.

The described girdle-like garment supporter affords smooth, hugging-like holding and gripping of the hips of the wearer and effects proper, efficient support of the sacroiliac region while freely exposing the central abdominal region of the wearer and thus permits unhampered freedom of action in physics and sports as well as comfortable use in maternity cases.

Having thus described my invention, what I claim is:

1. In a garter belt, a belt structure embodying two elongated blanks of resilient material, each of which differentially increases in width from one end to the other and includes a narrow and a wider end portion, and a longer upper and a

shorter lower edge, said upper and lower edges being angularly related with respect to each other and said blanks being arranged in axially aligned, symmetrical relation and secured to each other at their narrow end portions, an elongated strip of resilient material attached with its opposite ends to the end sections of the longer upper edges, which sections adjoin the said wider end portions of the blanks, and pairs of hose supporting members secured to and suspended from said wider end portions of said blanks.

2. In a garter belt, a belt structure embodying two elongated blanks of resilient material, each of which differentially increases in width from one end to the other and includes a narrow and a wider end portion and angularly related sides differentiating in length, said blanks arranged in axially aligned symmetrical relation with respect to each other and secured at their narrow end portions to each other, a resilient strip of material having quadrilateral shape with parallel top and bottom edges said strip having its opposite ends attached to end sections of said longer sides, which sections adjoin the wider end portions of said blanks and pairs of hose supporting members secured to and suspended from said wider end portions of said blanks.

3. A garter belt as described in claim 2, wherein the longer sides of said two blanks are curved to form the wide end portions thereof with acute angular corners and wherein the resilient strip of material has at its opposite ends inclined edges of equal length arranged to align with the ends of the curved longer sides of said two blanks to provide an axially resilient, quadrilaterally shaped member with parallel upper and lower edges, the lower edge of which is the shorter one.

4. In a garter belt, a belt structure including two axially aligned, symmetrically arranged, elongated resilient blanks, each of said blanks increasing in width from one end to the other and including a short and a long curved edge intersecting each other at an acute angle, said blanks secured to each other at their narrow opposed ends, and an elongated strip of material having its ends attached to the long curved edges of said blanks adjacent to the wider ends thereof and the point of intersection of the short and long curved edges of said two blanks.

PAULA BLATT.

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