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ALL-WAY STRETCH FABRIC GIRDLE WITH A BACK LATEX REINFORCEMENT

Filed Sept. 13, 1961

FIG. 1.

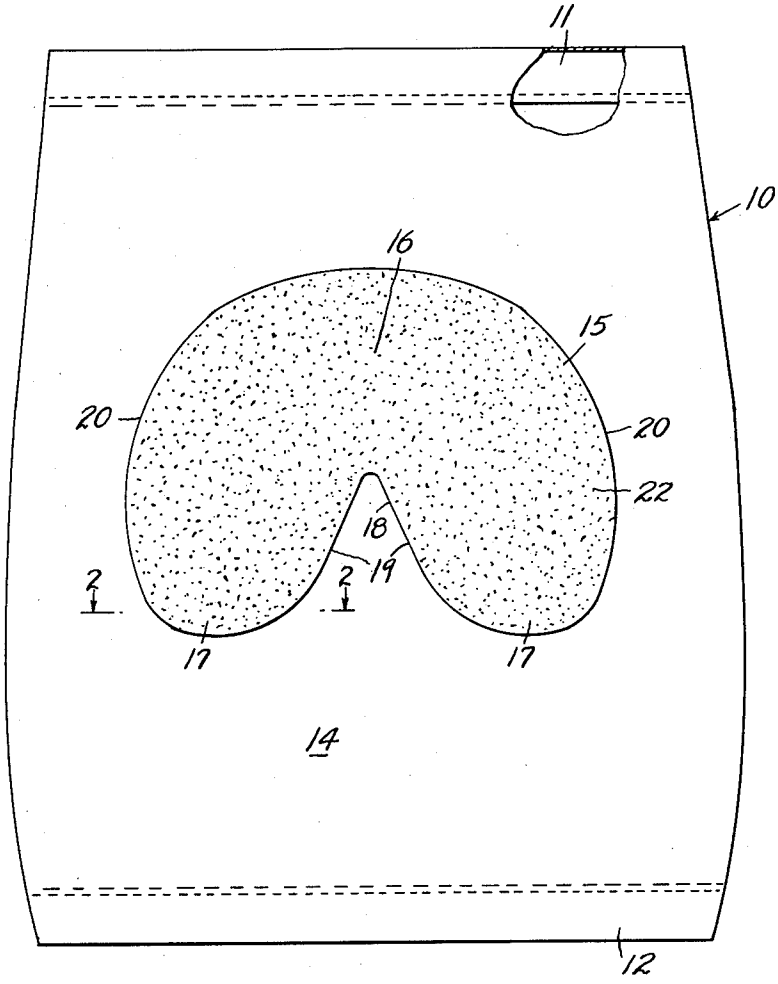
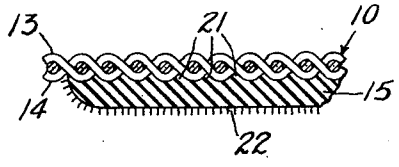


FIG. 2.



INVENTOR.
ERNEST BRADD
BY
Howard C. Thompson
ATTORNEY

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1

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ALL-WAY STRETCH FABRIC GIRDLE WITH A BACK LATEX REINFORCEMENT

Ernest Bradd, Shawanese, Pa., assignor to William Gluckin & Company, Inc., New York, N.Y., a corporation of New York

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1 Claim. (Cl. 128—518)

This invention relates to fabric girdles formed of all-way stretch materials, upon which latex reinforcements are applied in giving added support to that part of the girdle to which the reinforcement is applied. More particularly, the invention deals with a girdle of the character described having at the back of the girdle a latex reinforcement of irregular contour in supporting the lower part of the back and buttocks of the wearer.

Still more particularly, the invention deals with a girdle structure of the character defined made in accordance with a method disclosed in a companion application filed of equal date herewith namely Serial Number 137,761, filed September 13, 1961.

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 rear view of a girdle made according to my invention, with part of the construction broken away and in section and illustrating the girdle with the back and front thereof disposed one directly upon the other and with the garment in inverted position; and

FIG. 2 is an enlarged partial section on the line 2—2 of FIG. 1, diagrammatically illustrating attachment of the latex reinforcement to the braid or loops of the fabric.

In the drawing, **10** diagrammatically represents a fabric girdle of all-way stretch fabric having an upper waistband portion **11** and a lower finished or hemmed edge **12**. In the illustration of the girdle, the garment is shown in an inverted position, in other words, with the normal outer surface **13** of the garment, note the cross-sectional view, on the inside; whereas, the inner surface **14** is arranged outermost in order to clearly illustrate the latex reinforcement.

In the construction shown, a reinforcement **15** is employed which is of irregular contour, comprising a rounded central band portion **16**, so positioned on the back of the garment as to engage the lower part of the back. The portion **16** includes downwardly and laterally curved side buttock supporting and bracing extensions **17**, the latter being separated by what might be termed a V-notch **18** formed by inward contraction of adjacent side edges **19** of the sides **17**. Outer and upper edges of the sides **17** join the central portion **16** in curved edges **20**.

In the cross-sectional view, it will appear that the latex of the section **15** conforms with the braid or loops of the fabric of the girdle or garment **10**, as diagrammatically

2

seen at **21** in FIG. 2, in establishing positive attachment of the reinforcement to the fabric. However, by controlling deposit of the latex on the fabric, this extension or penetration of the latex is limited to the inner surface **14** only of the garment and will not extend to or appear on the outer surface **13** of the garment. The section is vulcanized on the fabric in adhering the same to the surface **14** in accordance with the method defined in the application referred to above.

In the sectional view, I have indicated at **22** the flocking on the exposed surface of the reinforcement **15** and this flocking is further illustrated by the stippling on the section **15**, as seen in FIG. 1. The flocking provides a soft and insulated surface of the reinforcing sections upon the body of the wearer in the use of the garment.

While it is preferred to arrange the reinforcement on the inner surface of the garment when in use, in some instances, the reinforcement can be disposed on the outer surface of the garment. By virtue of the fact that the reinforcement is made of latex, the reinforcement will extend or stretch in any direction with the all-way stretch fabric of the garment. However, the stretch of the fabric will be checked to a degree where the reinforcement is applied thereto and, in this manner, the added support is provided in the garment, but this support or reinforcement is yieldable and will conform to various changes in contour of the girdle in the use thereof and in different body movements.

The band portion **16** of the reinforcing section **15** extends well across the back of the wearer in the use of the garment at the base of the spine, the latter being located within the V-notch or portion **18**; whereas, the extensions **17** are arranged over and brace and support the buttocks of the wearer.

In referring to fabric facings on the latex reinforcement, it will be understood that a stretchable fabric will be employed to enable the latex to be extended in the use of the garment.

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

An all-way stretch braided tubular fabric girdle of the character described, comprising a latex reinforcing section vulcanized on and adhered to the back supporting area well below the upper portion of the girdle, said section extending a major distance across the back of the girdle, said section having a rounded upper portion and downwardly extending rounded and spaced side buttock supporting portions, the latex of the section conforming with the contour of loops of the fabric of the girdle at the surface only thereof to which the section is adhered while maintaining stretch of the reinforced back supporting area of the girdle, and the exposed surface of said section including a flock facing.

References Cited in the file of this patent

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