

Oct. 31, 1950

B. FRISCHER
FOUNDATION GARMENT
Filed April 5, 1949

2,527,926

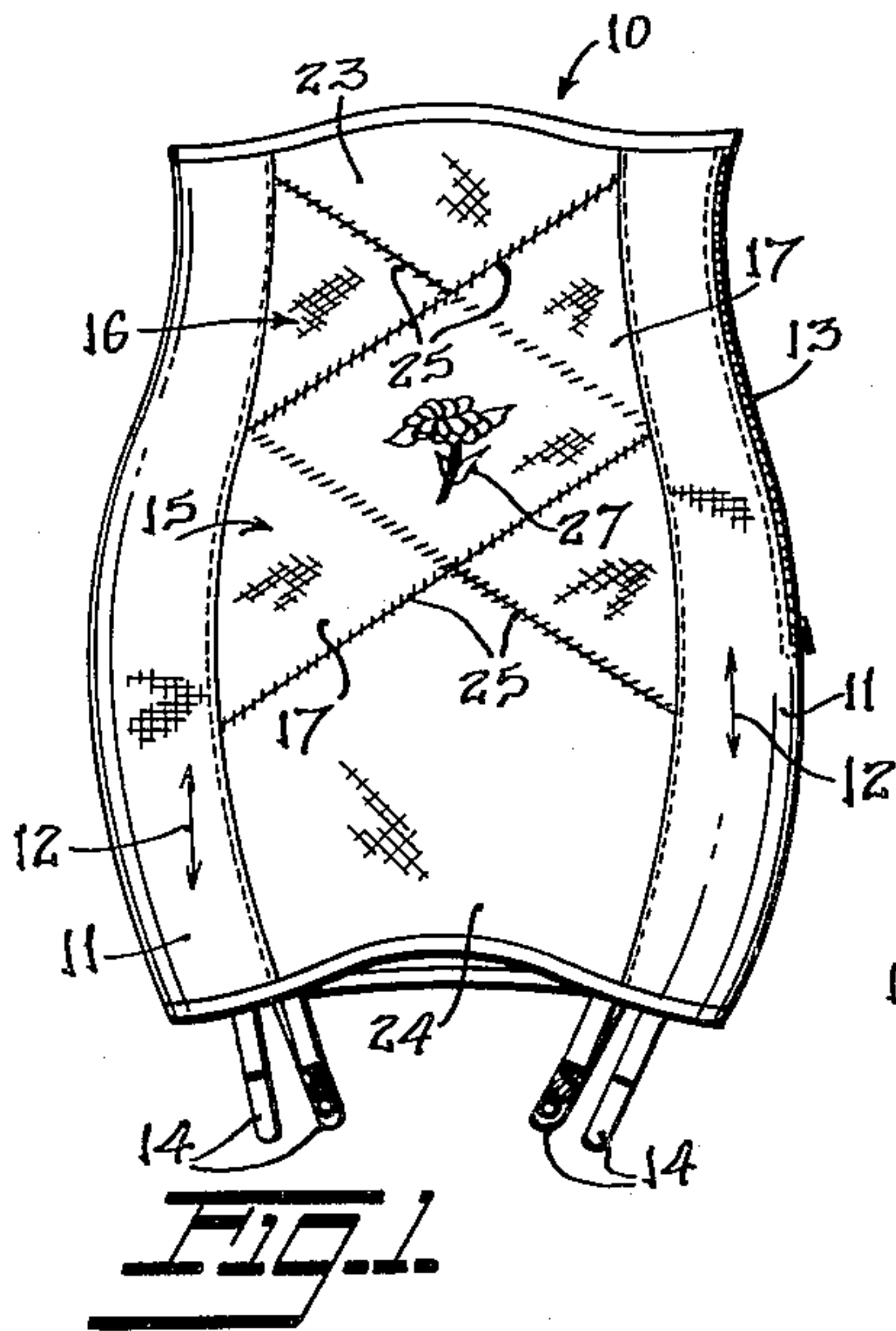


FIG. 1

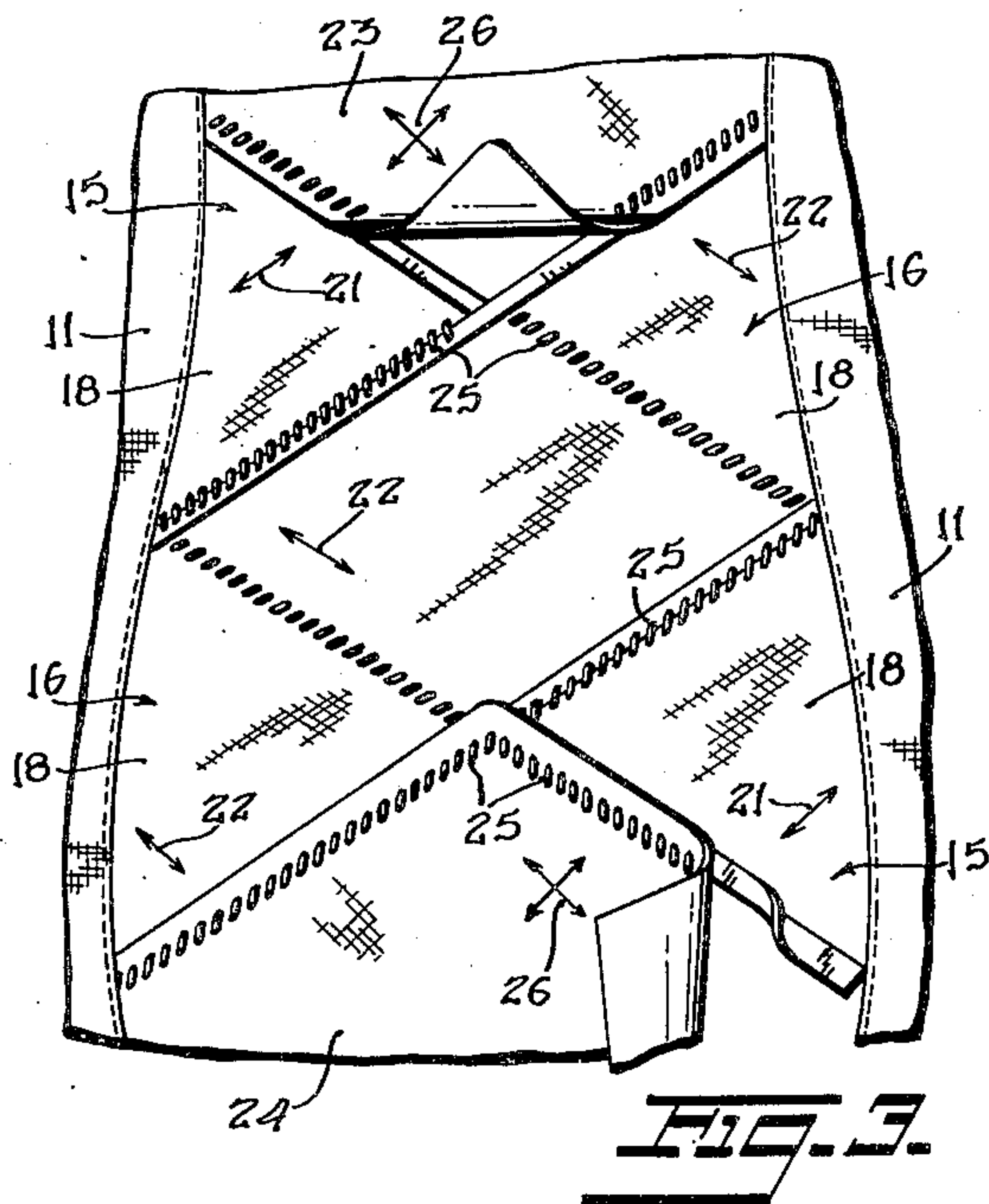
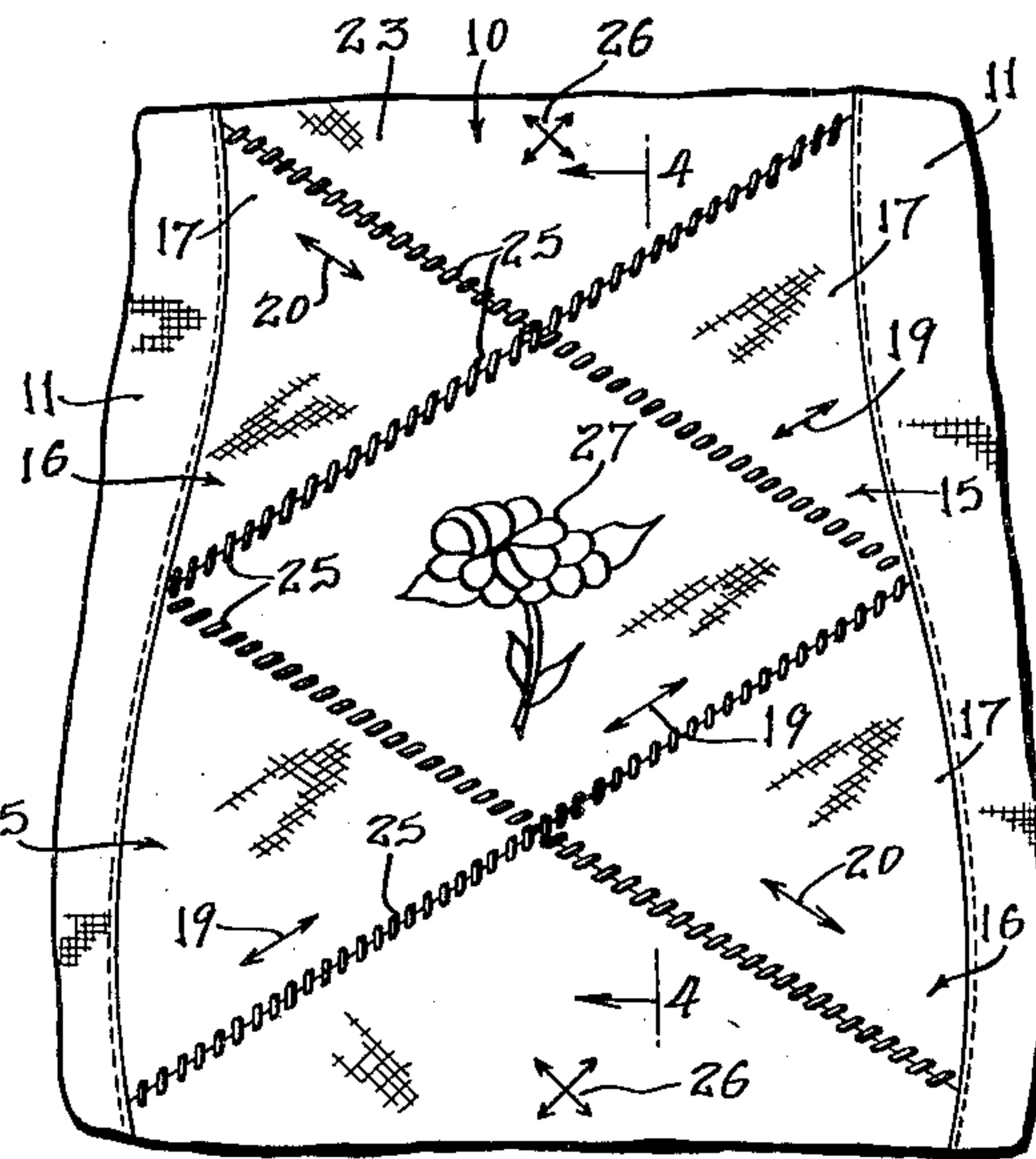


FIG. 3

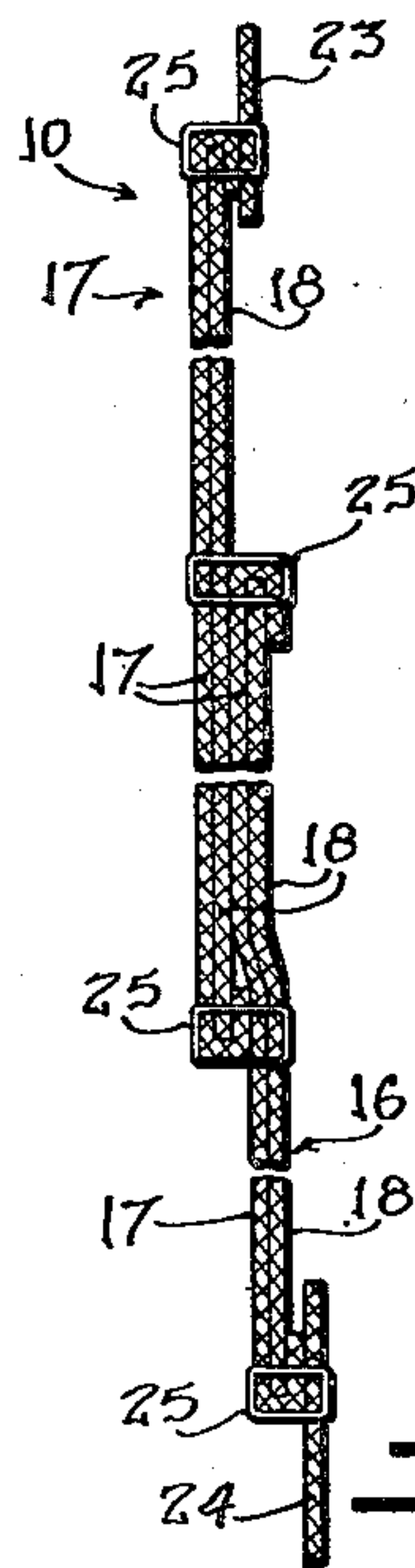


FIG. 4

INVENTOR.
BLANCHE FRISCHER
BY
Julian H. Polach
ATTORNEY

UNITED STATES PATENT OFFICE

2,527,926

FOUNDATION GARMENT

Blanche Frischer, New York, N. Y.

Application April 5, 1949, Serial No. 85,517

3 Claims. (Cl. 2—37)

1

This invention relates to new and useful improvements in a foundation garment.

More specifically, the present invention proposes the construction of an improved foundation garment characterized by a novel front section designed to have a greater compressing and flattening effect over the diaphragm portion of the human body.

Another object of the present invention proposes the construction of a foundation garment front section having a diamond shaped center portion formed of four layers of elastic material with alternate layers arranged to stretch in opposite directions and arranged in a manner to be positioned over the diaphragm when the garment is worn to have maximum compression thereon.

Still another object of the present invention proposes forming the garment so that the diamond shaped center portion is bounded by triangularly shaped portions formed of two layers of elastic material with alternate layers arranged to stretch in opposite directions and arranged in a manner to have less compression effect on the portions of the body surrounding the diaphragm.

A further object of the present invention proposes arranging the elastic layers so that they cross one another at the center of the garment to form the diamond shaped center portion with the triangularly shaped portions forming extensions of the portions which form the diamond shaped center portion.

The invention further proposes arranging the elastic layers in double ply panels which are arranged to cross each other at right angles in a manner to form the diamond shaped center portion and the triangularly shaped portions.

The invention also proposes completing the formation of the front section of the foundation garment by providing panels of two-way stretch elastic material which have their inner edges attached to the top and bottom edges of the crossed panels and which extend to the top and bottom edges of the garment.

It is a further object of the present invention to form a foundation garment which is durable and effective in use and which can be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

2

In the accompanying drawing forming a material part of the present disclosure—

Fig. 1 is a front elevational view of a foundation garment having a front section formed in accordance with the present invention.

Fig. 2 is an enlarged detailed view of a portion of Fig. 1.

Fig. 3 is an inside elevational view of Fig. 2, but with certain of the stitches opened and the respective layers folded back to reveal underneath constructions.

Fig. 4 is an enlarged partial vertical sectional view through the front section looking in the direction of the line 4—4 of Fig. 2.

The foundation garment of the present invention, includes a front section 10 attached along its vertical side edges to elastic side sections 11 which are in turn connected to a back section. Details of the back section are not shown on the present drawing, as such details form no part of the present invention and any desired back section construction can be employed in combination with the front section of the present invention. The same comment applies to the side sections, except that it has been found desirable to form the side sections 11 of elastic material arranged to stretch in the vertical only, as indicated by the double ended arrows 12 in Fig. 1, however any other elastic or nonelastic fabric may be used to form those sections.

One of the side sections 11 is formed with a side opening extended downward from the top edge thereof and arranged to be closed by a conventional slide fastener 13. The usual stocking supporters 14 are attached to the bottom edge portion of the foundation garment.

The front section 10 is formed of two double layer panels 15 and 16. The panel 15 is outermost and the panels are arranged to cross one another at right angles. Each of the panels 15 and 16 is formed of superimposed layers of one-way stretch elastic material. The layers are comprised of an outer layer 17 and an inner layer 18, for each of the panels. The outer layers 17 are cut on a bias, with the layer of the panel 15 arranged to stretch only in the direction of the double ended arrows 19 shown in Fig. 2. The outer layer 17 of the panel 16 is arranged to stretch in the direction of the double ended arrows 20 shown in Fig. 2, which direction is at right angles to the direction in which the outer layer of the panel 15 stretches.

The inner layer 18 of the outermost panel 15 is arranged to stretch in the direction of the double ended arrows 21 on Fig. 3, which direction of

3

stretching is at right angles to the direction of stretching of the outer layer 17 of the panel 15. The inner layer 18 of the innermost panel 16 is arranged to stretch in the direction of the double ended arrows 22 in Fig. 3, which direction of stretching is at right angles to the direction of stretching of the outer layer 17 of the panel 16 and at right angles to the direction of stretching of the inner layer 18 of the outermost panel 15.

As shown in Figs. 3 and 4, the top and bottom edges of the outer layers 17 of the panels 15 and 16 are secured to the top and bottom edges of the inner layers 18. The formation of the front section 10 includes panels 23 and 24 of elastic material. The panel 23 extends from the top of the crossed panels to the top edge of the garment and the panel 24 extends from the bottom of the crossed panels 15 and 16 to the bottom edge of the garment.

The panels 23 and 24 are formed of two-way stretch elastic material which is cut on the bias so that the panels are capable of stretching in the directions indicated by the double ended arrows 26, shown in Figs. 2 and 3. If desired, each of the panels 23 and 24 can be formed of double layers of elastic material each of which is cut on a bias.

Lines of stitches 25 shown are used to secure the top and bottom edge portions of the outer layers in position to secure the inner and outer layers 17 and 18 together, to secure together the overlapped portions of the panels 15 and 16 and to secure the inner edges of the panels 23 and 24 to the top and bottom edges of the crossed panels 15 and 16.

The construction results in a foundation garment having a front section 10 which includes a diamond shaped center portion formed of four layers of elastic material, see Fig. 4, with adjacent layers arranged to stretch in opposite directions. The four sides of the diamond shaped center portion are bounded by triangularly shaped portions formed of two layers of elastic material arranged to stretch at right angles to one another. Thus, the front section 10 has maximum compression and flattening effect over the diaphragm of the body and yet the diamond shaped center portion by being bounded by the triangularly shaped portions combines with those triangularly shaped portions to permit some expansion of the foundation garment under the influence of outward pressures created by expansion of the lower portion of the body.

On the outer face of the outer layer 17 of the outermost panel 15, there is a design 27 which is illustrated on the drawing to be a gardenia. The design 27 is imprinted on the outer face of the outer layer 17; however, the compressing and flattening effect of the diamond shaped center portion of the front section 10 can be improved by embroidering the design 27 so that the stitches forming the design pass through each of the four layers forming the diamond shaped portion of the front section 10.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A front section for a foundation garment, 75

4

comprising a pair of superimposed panels arranged to cross one another at right angles, each of said panels being formed of superimposed layers of elastic material forming a four layer diamond-shaped center portion where said panels cross one another, stitches securing the top and bottom edges of said panels to one another about the perimeter of said diamond-shaped center portion comprised of four superimposed layers of elastic material, said panels beyond the sides of said diamond-shaped center portion having triangularly shaped portions of two superimposed layers of elastic material, said crossed panels having a height less than the height of the garment and positioned midway of the height of the garment and having a V-shaped top edge configuration and an inverted V-shaped bottom edge configuration, a top panel of two-way stretch elastic material set into the front section between the top edges of said crossed panels and the top of the front section and having its bottom edge conformed to the V-shaped top edges of said crossed panels, stitches securing the bottom edge of said top panel to the top edges of said crossed panels, a bottom panel of two-way stretch material set into the front section between the bottom edges of said crossed panels and the bottom of the front section and having its top edge conformed to the inverted V-shaped bottom edges of said crossed panels, and stitches securing the top edge of said bottom panel to the bottom edges of said crossed panels.

2. A front section for a foundation garment, comprising a pair of superimposed panels arranged to cross one another at right angles, each of said panels being formed of superimposed layers of elastic material forming a four layer diamond-shaped center portion where said panels cross one another, stitches securing the top and bottom edges of said panels to one another about the perimeter of said diamond-shaped center portion comprised of four superimposed layers of elastic material, said panels beyond the sides of said diamond-shaped center portion having triangularly shaped portions of two superimposed layers of elastic material, said crossed panels having a height less than the height of the garment and positioned midway of the height of the garment and having a V-shaped top edge configuration and an inverted V-shaped bottom edge configuration, a top panel of two-way stretch elastic material set into the front section between the top edges of said crossed panels and the top of the front section and having its bottom edge conformed to the V-shaped top edges of said crossed panels, stitches securing the bottom edge of said top panel to the top edges of said crossed panels, a bottom panel of two-way stretch material set into the front section between the bottom edges of said crossed panels and the bottom of the front section and having its top edge conformed to the inverted V-shaped bottom edges of said crossed panels, and stitches securing the top edge of said bottom panel to the bottom edges of said crossed panels, said layers of elastic material in each of said panels of said crossed panels being of bias-cut one-way stretch elastic material disposed to stretch in directions at right angles to each other; whereby alternate layers of said diamond-shaped center portion will stretch at right angles to each other.

3. A front section for a foundation garment, comprising a pair of superimposed panels arranged to cross one another at right angles, each of said panels being formed of superimposed

5

layers of elastic material forming a four layer diamond-shaped center portion where said panels cross one another, stitches securing the top and bottom edges of said panels to one another about the perimeter of said diamond-shaped center portion comprised of four superimposed layers of elastic material, said panels beyond the sides of said diamond-shaped center portion having triangularly shaped portions of two superimposed layers of elastic material, said crossed panels having a height less than the height of the garment and positioned midway of the height of the garment and having a V-shaped top edge configuration and an inverted V-shaped bottom edge configuration, a top panel of two-way stretch elastic material set into the front section between the top edges of said crossed panels and the top of the front section and having its bottom edge conformed to the V-shaped top edges of said crossed panels, stitches securing the bottom edge of said top panel to the top edges of said crossed panels, a bottom panel of two-way stretch material set into the front section between the bot-

6

tom edges of said crossed panels and the bottom of the front section and having its top edge conformed to the inverted V-shaped bottom edges of said crossed panels, and stitches securing the top edge of said bottom panel to the bottom edges of said crossed panels, said top and bottom panels being bias-cut elastic material.

BLANCHE FRISCHER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,927,357	Borneman	Sept. 19, 1933
2,168,009	Van Praag	Aug. 1, 1939
2,315,561	Strait	Apr. 6, 1943
2,466,540	Feigenbaum	Apr. 5, 1949

FOREIGN PATENTS

Number	Country	Date
820,848	France	Aug. 9, 1937