Jan. 13, 1931. H. LEVY 1,789,077

BUTTONLESS COMBINATION GARMENT

Filed Oct. 22, 1929

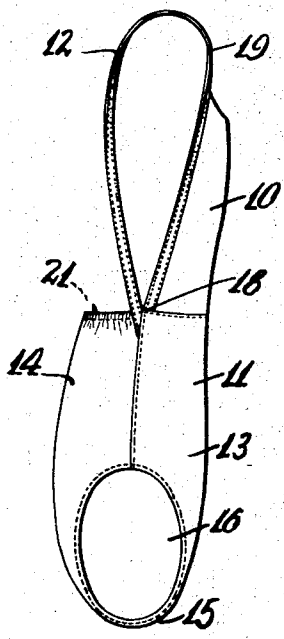


FIG 1

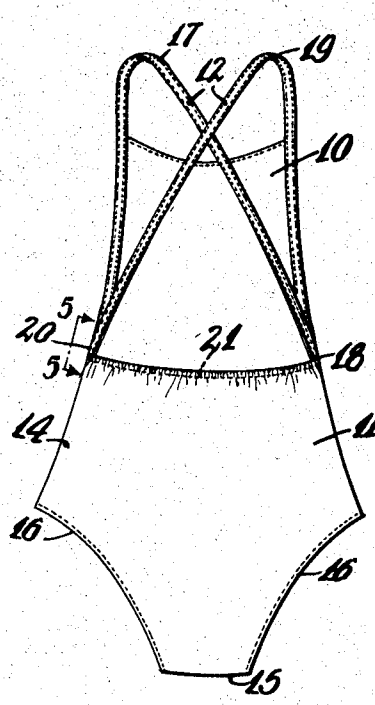


FIG 2

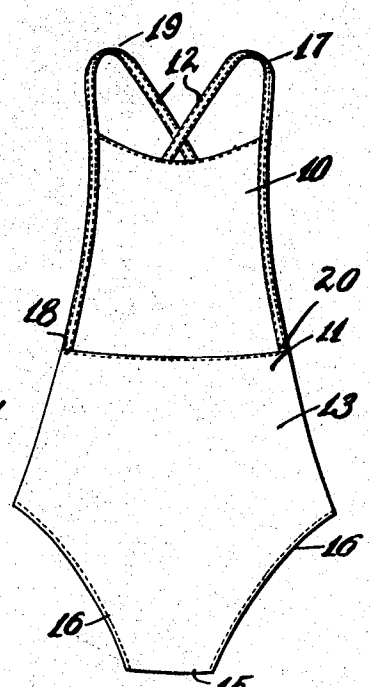


FIG 3

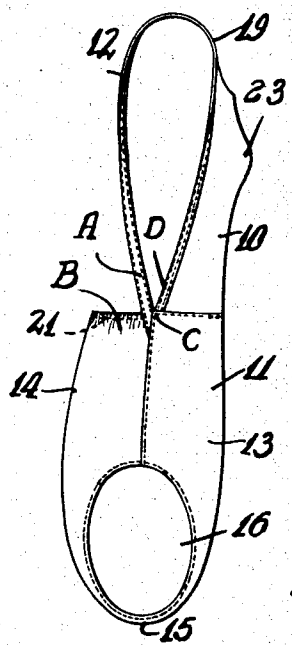


FIG 7

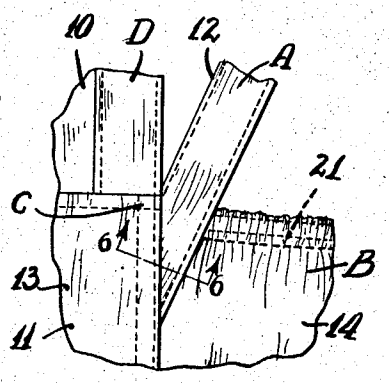


FIG 5

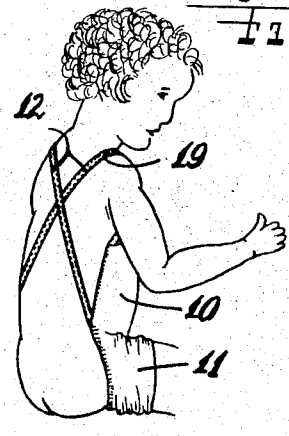


FIG 4

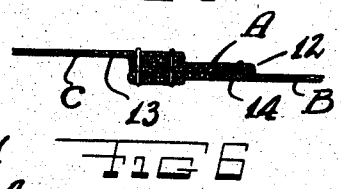


FIG 6

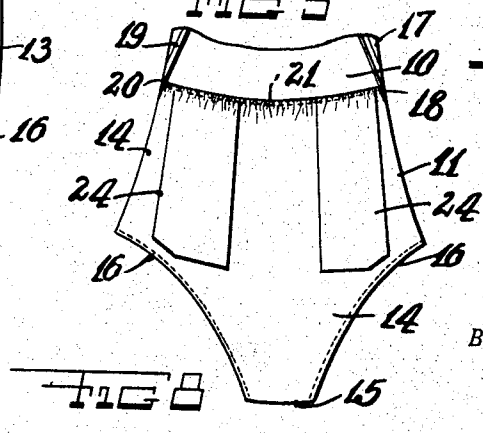


FIG 8

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UNITED STATES PATENT OFFICE

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BUTTONLESS COMBINATION GARMENT

Application filed October 22, 1929. Serial No. 401,409.

This invention relates to new and useful improvements in women's and children's buttonless combination garment.

The invention has for an object the provision of a device of the class mentioned which is of simple durable construction, dependable in use and efficient in action, and which can be manufactured and sold at a reasonable cost.

The invention proposes a chest portion connected with a pair of step-in trunks, bloomers, pants, etc., at the front half of the waist line, crossed shoulder straps extending from the top corners of the chest panel portion to the sides of the trunk, and means for normally contracting the rear half of the waist line of the step-in trunks.

The provision of buttons upon undergarments is known to be undesirable in that at times they produce discomfort. Undergarments are generally constructed with buttons for the reason that it is necessary to provide attachment means. A garment constructed according to this invention eliminates the necessity of attachment means of the button types and at the same time produces a garment of comfortable construction.

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.

In the accompanying drawing forming a material part of this disclosure:—

Fig. 1 is a side elevational view of a garment constructed according to this invention.

Fig. 2 is a rear elevational view of the garment shown in Fig. 1.

Fig. 3 is a front elevational view of the garment shown in Fig. 1.

Fig. 4 is a perspective view of the garment applied upon a child.

Fig. 5 is an enlarged fragmentary detailed view of a portion of Fig. 2 seen as though looking in the direction of the line 5—5 of the latter Fig.

Fig. 6 is a fragmentary sectional view taken on the line 6—6 of Fig. 5.

Fig. 7 is a view similar to Fig. 1 but disclosing a modified form of article.

Fig. 8 is a fragmentary view similar to Fig. 2 but disclosing another embodiment.

The women's and children's buttonless combination garment consists of a chest portion 10 connected with a pair of step-in trunks 11 at the top front of the waist line of the trunks, a pair of crossed shoulder straps 12 connected at their top ends to the chest panel portion and at their bottom ends with the sides of the trunks, and a means is also provided for normally contracting the rear half of the waist line of the step-in trunks.

The chest panel portion 10 consists of a sheet extending vertically from the waist line to over the busts, and laterally being broad enough to cover the busts. It is stitched along its bottom edge to the top of the step-in trunks. The said top of the step-in trunks constitutes the waist line and an inspection of the drawing will disclose that the portion 10 merely extends across the front half of the waist line only.

The said step-in trunks is of conventional construction, that is, it is preferably made of a front sheet of material 13 and a rear sheet of material 14 connected together along the sides. Further, the step-in trunks are provided with a closed crotch 15 and a pair of side openings 16 for the legs.

The said shoulder straps consist of a shoulder strap 17 attached and extending from the right hand top corner of the chest panel portion 10 diagonally and terminating and attached on the left side 18 of the waist line of the step-in trunks, and a second shoulder strap 19 attached and extending from the left hand corner of the chest panel portion diagonally and terminating and attached on the right side 20 on the waist line of the step-in trunks, the right and left sides as here referred to being relative to a person looking at the garment from the front.

The said means for normally contracting the rear half of the waist line consists of an elastic 21 within a passage formed in the

top (waist line) rear half of the said step-in trunks. This passage may be formed in the conventional way of bending over and stitching closed the top edge of the trunks. In normal contracted condition of the elastic, the rear half waist line of the trunks is gathered.

Attention is called to Figs. 5 and 6 which clearly illustrate the bottom end of one of the shoulder straps. This brings out that each shoulder strap is located between the front sheet 13 and the rear sheet 14 of the step-in trunks. The angle of approach of the shoulder strap is very important and should be noted, it being an angle of about 30° to the vertical. When the step-in trunks are slipped to the position shown in Fig. 4, that is, with the rear half waist line intermediate one's hips and knees, and the person is in a sitting position, the shoulder straps draw upwards and maintain the position of the garment upon the wearer preventing accidental rearward moving or slipping.

In Fig. 7, a modified garment has been illustrated in which the chest panel portion 10 has been formed with bust semispheres 23. In other respects this garment is similar to the one illustrated in Fig. 1. Since the shoulder straps maintain the chest panel portion in a tight position, these semispheres are depended upon to support the busts.

In Fig. 8, a modified form of the garment has been illustrated in which a pair of spaced vertical tail strips 24 are shown, disposed on the rear of the rear sheet 14 of the step-in trunks and secured at their top ends on the waist line of the trunks, constituting the sole attachment to the step-in trunks. When the garment is in the condition shown in Fig. 4, that is, with the rear half waist line intermediate one's hips and knees, and the person is in a sitting position these tail strips may be extended horizontally rearwards and protect the wearer from direct contact with a toilet seat.

While I have shown and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction 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 women's and children's buttonless combination garment, comprising a chest panel portion, step-in trunks attached along the front-half of the waist line to the bottom of said chest panel portion, crossed shoulder straps extended between top corners of the chest portion and the sides of the trunks, a pair of spaced tail strips disposed on the rear of the step-in trunks and secured at their top ends to the waist line of the trunks constituting the sole attachment to the rear portion of the trunks and bendable horizontally rearwards for protecting one from direct contact with a toilet seat, and means for normally contracting the rear-half of the waist line of said trunks.

2. A women's and children's buttonless combination garment, comprising a chest panel portion, step-in trunks attached along the front-half of the waist line to the bottom of said chest panel portion, crossed shoulder straps extended between top corners of the chest portion and the sides of the trunks, a tail section disposed on the rear of the step-in trunks and secured to the waist line of the trunks constituting the sole attachment to the rear portion of the trunks and bendable horizontally rearwards for protecting one from direct contact with a toilet seat, and means for normally contracting the rear-half of the waist line of of said trunks.

In testimony whereof I have affixed my signature.

HARRY LEVY.