April 5, 1949. I. A. HESSEL 2,466,545

CHILD'S PANTY

Filed Oct. 15, 1947

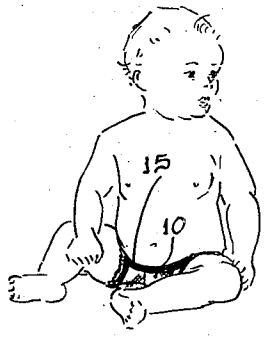



FIG. 1.

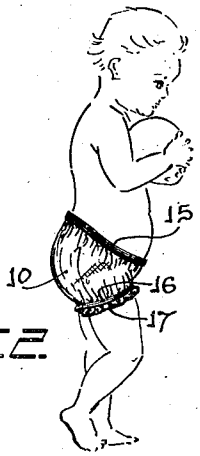



FIG. 2.

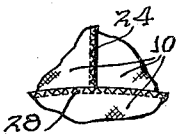



FIG. 5.

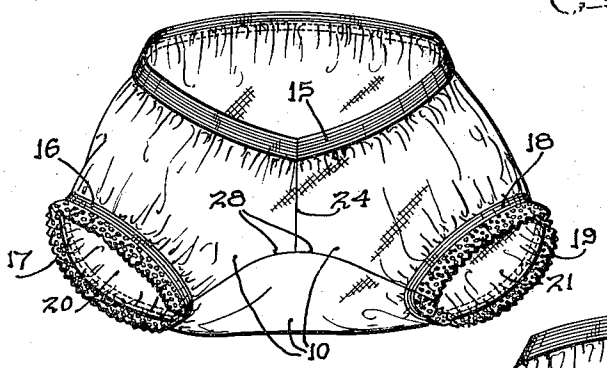



FIG. 3.

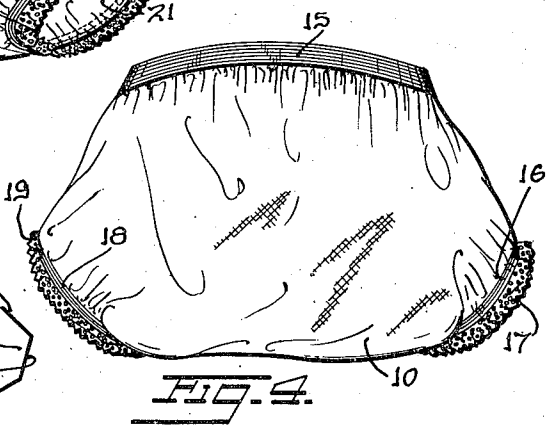



FIG. 4.

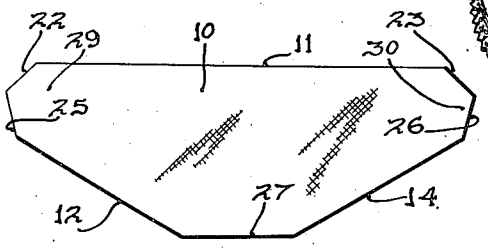



FIG. 6.

Inventor

Isadore A. Hessel

By

Attorney

Patented Apr. 5, 1949

2,466,545

# UNITED STATES PATENT OFFICE

2,466,545

## CHILD'S PANTY

Isadore A. Hessel, St. Louis, Mo.

Application October 15, 1947, Serial No. 779,959

1 Claim. (Cl. 2—224)

1

This invention relates to new and useful improvements in a child's panty.

The object of the invention is to provide a child's panty which has an extreme degree of fullness at the seat and in and across the crotch and around and across the groin, and wherein, at the same time, and with leg openings so located as to cooperate with said fullnesses in making the garment one of maximum comfort, the waist girthing top of the garment will naturally adjust itself in a particular disposition on the body of the child.

A feature of the invention, in the connection last mentioned, is that the waist girthing top of the garment is in such association with other garment parts that such top is able to be arranged, and so as then to remain arranged, with its back portion at the small of the back of the child, but with its two side portions rather sharply downwardly and forwardly extended, so that its front portion is down on the front of the body well below the navel and hence at a level well below the zone of maximum swell of the stomach. The abdomen of a child, particularly one just learning to walk, and sometimes until a few years later, is considerably distended; and here the child's body should be free of artificial constriction. It is important, moreover, that air and sunshine unimpededly reach the entire front of the body.

A further feature of the invention, and as one characteristic of the garment whereby the waist girthing top thereof is naturally assumptive of the disposition just explained, is that there are no seams whatever on those portions of the garment which, while it is being worn, are at the crotch of the body. All seams are at the front of the garment; and said seams are forward of and above the crotch, and especially so while the garment is being worn.

Still another feature of the invention is that only two seams are present, and these being comparatively short ones, both close to the waist girthing top of the garment.

Still a further feature of the invention is that the garment is made merely from a single piece of sheet material.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing and to the appended claim 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:

2

Fig. 1 shows a sitting child, wearing a panty constructed in accordance with the present invention.

Fig. 2 is a view similar to Fig. 1, but showing the child standing.

Fig. 3 is a front elevation of the garment.

Fig. 4 is a rear elevation thereof.

Fig. 5 is a fragmentary detail elevational view, looking from the inside of the garment toward the near wall thereof in Fig. 3, and so toward the two seams.

Fig. 6 shows, on a scale reduced from that of Figs. 3–5, the shape of the single piece of sheet material of which the garment is made.

Referring to the drawing in detail, the new garment is made from a single piece 10 of sheet material, as rayon, cotton or any textile, plastic or other material, such piece being cut to the outline shown in Fig. 6.

Said piece 10 is finished in any desired way along its edge 11, and also along its edges 12 and 14.

In the completed garment, the edge 11, here shown as finished with a longitudinally elastic tape 15, provides the waist girthing top or belt portion of the garment, and the edges 12 and 14, each here shown as finished with a similar elastic 16 or 18 and a lace edging 17 or 19, provide the two leg openings 20 and 21.

The opening at the top of the garment is completed by stitching together the edges marked 22 and 23 in Fig. 6 to establish a short vertical seam 24. The edges marked 25 and 26 in Fig. 6, after each is aligned with the adjacent half of the length of the edge marked 27 in Fig. 6, are stitched together to establish the seam 28, the only other seam present. The inclusion of this seam 28 brings together the ends of the two edges 12 and 14 which respectively complete the two leg openings 20 and 21, just as the only other seam present, the seam 24, brings together the ends of the edge 11 to complete the waist girthing top of the garment.

By these few operations, the garment illustrated in Figs. 3 and 4 is produced, and when placed on the body of the child as shown in Figs. 1 and 2, will remain as there shown.

There is the highest degree of fullness at the seat and in and across the crotch and around and across the groin; the waist girthing top of the garment leaves most of the abdomen uncovered and free of constriction; there are no seams whatever at either side or at the back of the garment, and the two short seams 24 and 28 are high up on the front of the garment above the crotch

and in front of the groin. The elastic **15** with gentle pressure holds the waist girthing top of the garment at the desired forward and downward inclination without chance of dropping of the back of the garment, and so without chance of accidentally losing the latter; while the elastics **16** and **18** hold the leg openings **20** and **21** in snug but gentle clasp around very high points on the thighs.

Thus a very simple and inexpensive garment is provided, and one which, besides being extremely comfortable, provides adequate coverage where proper, obviates abdominal constriction, and exposes an unusually large area of the child's body to air and sunshine.

Referring to Fig. 6, it will be noted that the single piece of sheet material **10** is cut in the shape of an isosceles triangle, truncated at its three corners. The truncation of one such corner is the straight edge **27**, parallel with the edge **11**, which latter is the long side of the triangle. Each of the truncations at the ends of said long line are lazy-V projections **29** and **30**; the legs of such V of the projection **29** being the edges **22** and **25**, and the legs of such V of the projection **30** being the edges **23** and **26**.

While I have illustrated and described the preferred embodiments 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 claim.

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

A child's panty comprising a single blank of material having a long straight horizontal top edge for encircling the waist of the child, a short straight bottom edge extended parallel to said top edge and located intermediate the ends of said top edge, straight edges longer than said bottom edge for encircling the legs of the child continuing from the ends of said bottom edge and extended upward and outward from said bottom edge forming opposed obtuse angles with said bottom edge, straight edges continuing from the ends of said first-mentioned straight edges and extended upward and slightly outward forming opposed obtuse angles with said first-mentioned straight edges, said second-mentioned straight edges being of a length equal to one-half the length of said bottom edge to be secured to said bottom edge in end alignment, and straight edges shorter in length than said second-mentioned straight edges extended upward and inward between the ends of said top edge and said second-mentioned edges forming opposed obtuse angles with said top edge and with said second-mentioned straight edges, whereby the bottom portion of said blank can be folded upward and the side portions folded inward so that the second-mentioned straight edges can be secured to said bottom edge and said third mentioned straight edges can be secured together forming a panty having an obtuse angled crotch line and a top edge which is lower in the front than in the back.



ISADORE A. HESSEL.


## REFERENCES CITED

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

UNITED STATES PATENTS

| Number | Name | Date |
|---|---|---|
| 1,462,564 | Weiner | July 24, 1923 |
| 1,513,750 | Dolan | Nov. 4, 1924 |
| 1,670,474 | Neilson | May 22, 1928 |
| 2,348,242 | Bullinger | May 9, 1944 |