Oct. 11, 1949. W. D. HUMPHLETT 2,484,710

CHILDREN'S UNDERGARMENT

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Fig. 1.

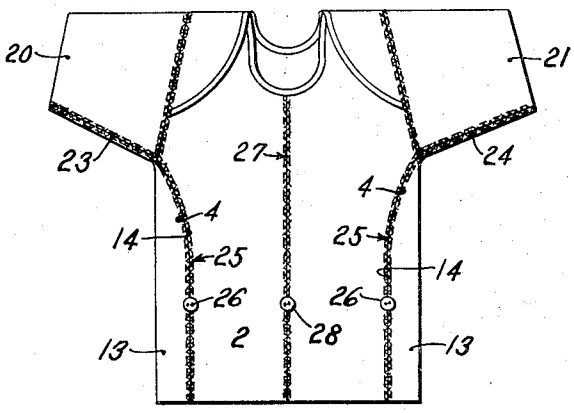


Fig. 6.

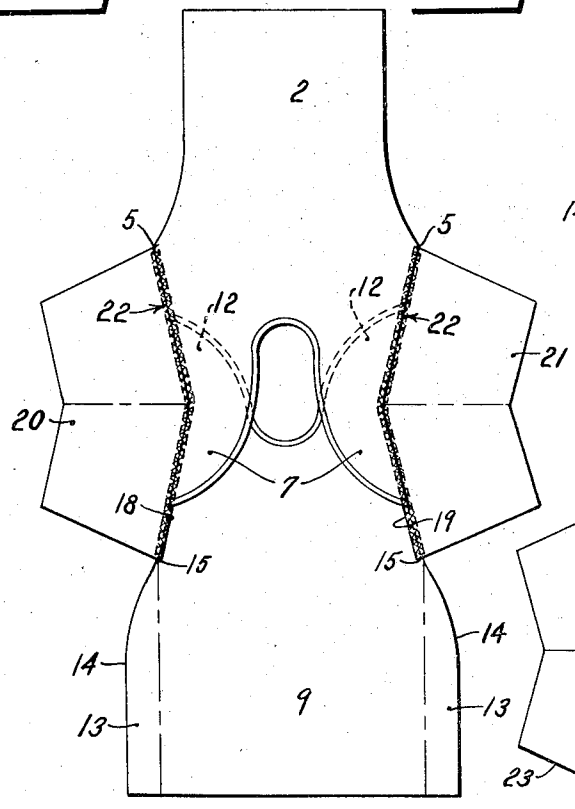


Fig. 3.

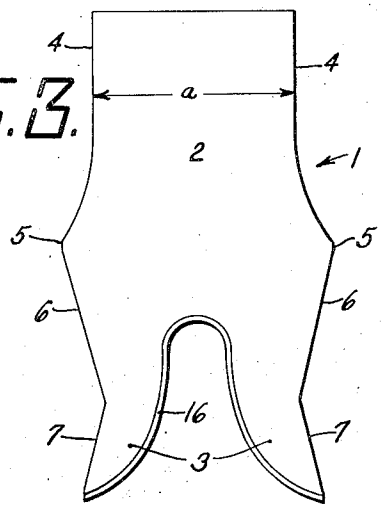


Fig. 2.

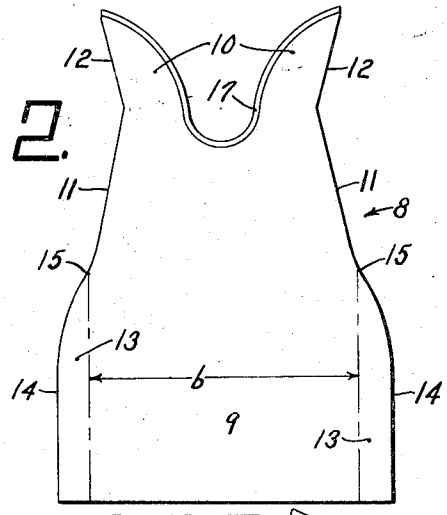


Fig. 5.

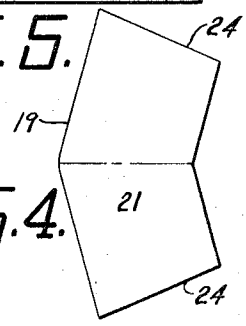
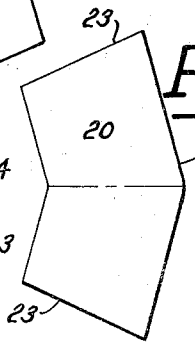


Fig. 4.



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Fig. 7.

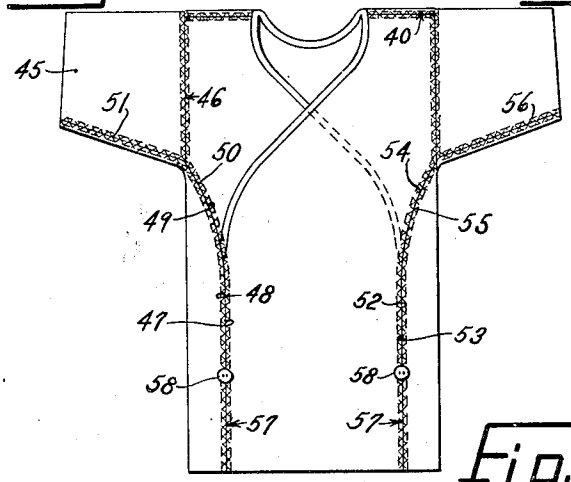


Fig. 8.

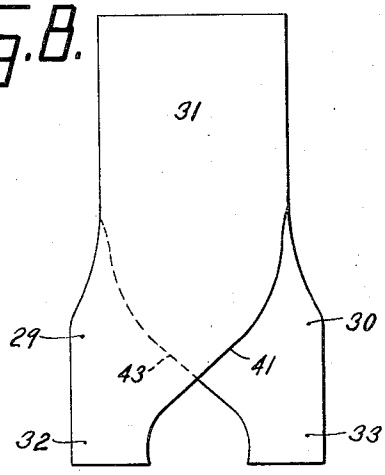


Fig. 10.

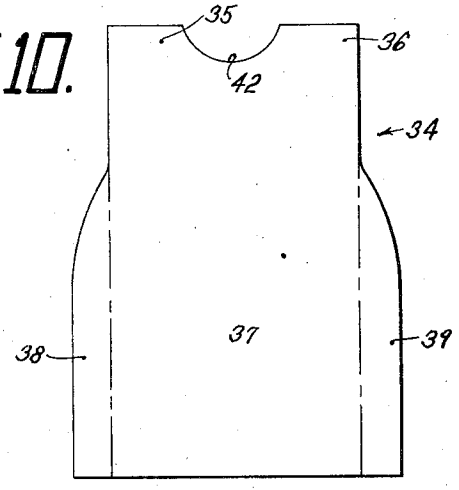


Fig. 9.

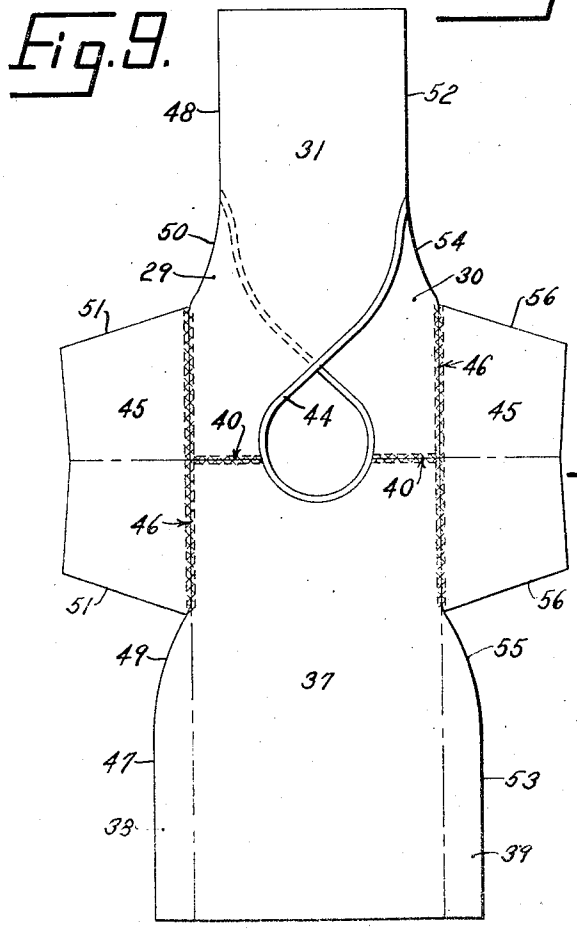


Fig. 11.

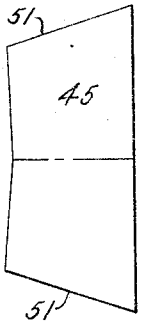
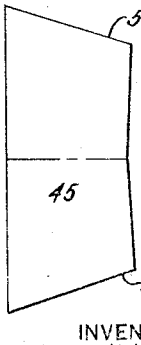


Fig. 12.



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CHILDREN'S UNDERGARMENT

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Application July 31, 1947, Serial No. 765,068

5 Claims. (Cl. 2—111)

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This invention relates to an improved children's undergarment and the method of making same.

One object of the invention is to provide a garment in which the parts are so formed, arranged and stitched that a novel reinforcing action is afforded by the stitching.

A further object is to provide an assembling arrangement and sewing of the parts so that these operations may be carried out in a more efficient and less costly manner than with conventional practice.

Other and further objects residing in the details of the construction and arrangement will be made apparent in the following specification and claims.

In the drawings:

Fig. 1 is a front view of an undershirt embodying the invention;

Fig. 2 is a plan view of the blanked out back element of the garment;

Fig. 3 is a similar view of the blanked out front element of the garment;

Figs. 4 and 5 are similar views of the sleeve forming blanks;

Fig. 6 is a view showing the several elements assembled and stitched together as they appear prior to the final folding and stitching steps which result in the completed garment shown in Fig. 1; and

Figs. 7 to 12 inclusive are views generally similar to Figs. 1 to 6 inclusive but showing the invention embodied in a different pattern of garment.

As shown in Figs. 1 to 6 inclusive the garment comprises a front element, generally indicated at 1, having a body portion 2 and two extending shoulder portions 3. The width of the body portion at *a* is less than the flattened width dimension of the completed garment and the edges 4 of the portion 2 flare outwardly to intersections 5 with the edges 6 which, with the outer edges 7 of extensions 3 form part of the arm holes of the garment as later described.

As shown in Fig. 2, the back element, generally indicated at 8, has a body portion 9 and two extending shoulder portions 10. The outer edge portions 11 and 12 of the back element respectively corresponding in shape and dimensions with edges 6 and 7 of the front element but are inclined in the opposite direction. The width of body portion 9 is made greater than the flattened width dimension of the completed garment, which width is indicated at *b* by two side extensions 13. The edges 14 of the extensions 13 correspond in shape and dimension with edges 4 of the front element but curve inwardly, instead of outwardly, to points of intersections 15 with the edges 11. The inner edges of the extensions 7 and 12 are preferably finished with bindings 16 and 17 respectively, these edges in part forming the neck

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opening of the garment as will later be apparent.

The shoulder portions 3 of the front element are next overlaid on the shoulder portions 12 of the back element so that edges 7 overlie and coincide with the upper portions of edges 11 and the lower portions of edges 6 overlie, and coincide with edges 12, the combined edge portions of the overlapped elements between the points 5 and 15, as shown in Fig. 6, forming the "arm holes" of the garment which correspond with edges 18 and 19 of the respective arm pieces 20 and 21.

The edges of the shoulder extensions 7 and 12 are stitched together and to the edges 18 and 19 of the arm pieces by lines of stitches 22.

The front element 1 is then folded downwardly onto the back element 9 as shown in Fig. 1, and the extensions 13 are folded forwardly and inwardly to bring their edges 14 into coincidence with edges 4 of the front element, the edges 23 and 24 of the respective sleeve members 20 and 21 being brought together at the same time. As will be apparent from Fig. 1 the edges 4—14 at each side of the garment and the adjacent sleeve can now be closed by continuous stitches 25 which extend from the bottom of the garment to the ends of the sleeves.

It is to be noted that only four seaming operations are necessary to complete the garment assembly, namely, the two seams 22 (Fig. 6) which simultaneously connect the adjacent shoulder portions and attach the arm members, and the two seams 25 which close the sides of the garment and continue on to complete the closure of the sleeves. It is further to be noted that in each case the seam being made extends from one free edge to another so that it is not necessary at any time to open the sewing mechanism.

By narrowing the body portion 2 of the front member and providing the portions 13 which extend forwardly and inwardly from the back member to their line of attachment with the front member, the seams 25 are positioned to act as "inbuilt" reinforcements or "suspenders" for supporting desired lower garments by buttons 26 attached to the seams. If desired a third "suspender" seam 27 and button 28 may be provided intermediate the seam 25. Seam 27 is preferably applied to element 1 prior to the assembly of the garment.

The general structure and procedure above described may also be advantageously employed in the construction of a double breasted garment such as is shown in Fig. 7. In constructing the shirt of the latter figure the front element is formed of two pieces 29 and 30 superposed one on the other as shown in Fig. 8 thus providing a two ply body portion 31. Piece 29 carries a shoulder extension 32 while piece 30 carries shoulder extension 33. The body portion 31 like the body portion 2 previously de-

scribed is narrower than the flattened width of the finished garment. The rear element 34 has shoulder extensions 35 and 36 and a full width body portion 37 provided with side extensions 38 and 39 similar in form and function to extensions 13 previously described.

The shoulder extension 32—35 and 33—36 are first stitched together by seams 40 as shown in Fig. 9. After the shoulders have been attached as just described the free edge portion 41 of piece 29 joins one end of neck edge 42 of back piece 34 while the other end of neck edge 42 joins the free edge portion 43 of piece 30 to form a continuous edge to which a finish binding 44 (Fig. 9) may be applied as a single seaming operation. The arm pieces 45 are then stitched in place by seams 46, the two ply front element is folded over onto the back element and side extensions 38 and 39 folded forwardly and inwardly as shown in Fig. 7. This brings edge 47 of extension 38 and the superposed edge portions 48 of members 29—30 together, as well as bringing together the edge portion 49 of extension 38 and edge portion 50 of member 29, and edges 51 of the adjacent sleeve member. Similarly on the other side of the garment edges 52—53, 54—55, and 56—56 are brought together. Seams 57, corresponding to seams 25 previously described, and extending from the bottom of the garment to the outer ends of the sleeves connect the several edges together and complete the garment assembly as shown in Fig. 7 the seams 57 forming "inbuilt" suspenders to which buttons 58 are secured.

The details of the pattern of the shirt may be varied as is clear from the two types above described.

I claim:

1. A shirt type garment comprising a front element and a back element, each having shoulder portions, said elements being stitched together at said shoulder portions, and sleeve members stitched to the front and back elements at the outer edges of said shoulder portions, the body portion of one of said elements being of less width than the flattened width of the garment, the width of the body portion of the other element being equal to the flattened width of the garment and having side extensions extending inwardly to complete the width of the garment at the side of the narrow element, each extension and the adjacent edge of the narrow element, and the under arm edges of the adjacent sleeve member being respectively united by a continuous stitched seam extending from the lower edge of the garment to the outer end of the adjacent sleeve.

2. A shirt type garment comprising a front element and a back element each having shoulder portions, said elements being stitched together at said shoulder portions, and sleeve members stitched to the front and back elements at the outer edges of said shoulder portions, the body portion of the front element being of less width than the flattened width of the garment, the width of the body portions of the back element being equal to the flattened width of the garment and having side extensions extending forwardly and inwardly to complete the width of the front of the garment, each extension and the adjacent edge of the front element, and the under arm edges of the adjacent sleeve member being respectively united by a continuous stitched seam extending from the lower edge of the front of the garment to the outer end of the adjacent sleeve.

3. A shirt type garment comprising a front element and a back element each having shoulder portions, said elements being stitched together at said shoulder portions, and sleeve members stitched to the front and back elements at the outer edges of said shoulder portions, the body portion of the front element being of less width than the flattened width of the garment, the width of the body portions of the back element being equal to the flattened width of the garment and having side extensions extending forwardly and inwardly to complete the width of the front of the garment, each extension and the adjacent edge of the front element, and the under arm edges of the adjacent sleeve member being respectively united by a continuous stitched seam extending from the lower edge of the front of the garment to the outer end of the adjacent sleeve, said seams having buttons attached thereto and providing suspender like reinforcements for the support of lower garments attachable to said buttons.

4. A shirt type garment comprising a two ply front element, each ply having a shoulder portion, a back element having shoulder portions, said elements being stitched together at said shoulder portions, and sleeve members stitched to the front and back elements at the outer edges of said shoulder portions, the body portion of the front element being of less width than the flattened width of the garment, the width of the body portion of the back element being equal to the flattened width of the garment and having side extensions extending forwardly and inwardly to complete the width of the front of the garment, each extension and the adjacent edge of the front element, and the under arm edges of the adjacent sleeve member being respectively united by a continuous stitched seam extending from the lower edge of the front of the garment to the outer end of the adjacent sleeve.

5. A shirt type garment comprising a front element and a back element, each having narrow shoulder strap portions, the adjacent strap portions of said elements being overlapped and seamed together at their outer edges to define arm openings, said seams passing directly over the shoulders with the ends of said seams joining at the armpits, the portion of one of said elements below the arm openings being of less width than the flattened width of the garment, the width of the other element below the arm openings being equal to the flattened width of the garment and having side portions extending inwardly to complete the width of the garment at the side of the narrow element, said extending side portions and the adjacent edges of the narrow portion being seamed together, the upper end portions of the last-named seams curving outwardly and joining the joined ends of the first-named seams.

WILMA DAVIS HUMPHLETT.

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