March 14, 1950 H. Y. LEE 2,500,255

DIAPER GARMENT

Filed Jan. 10, 1947

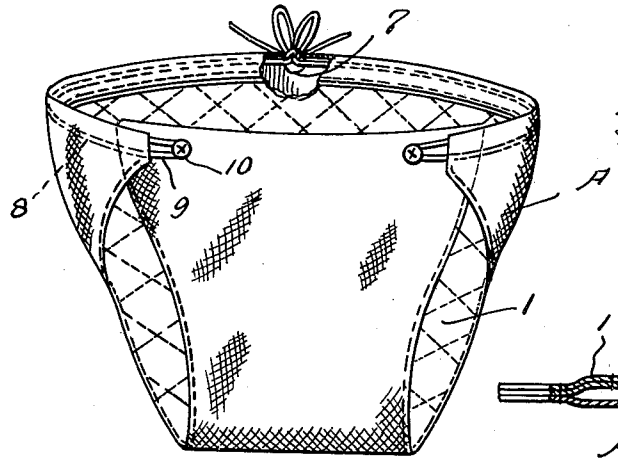


Fig. 1.

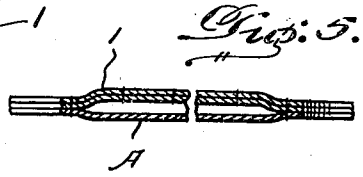


Fig. 5.

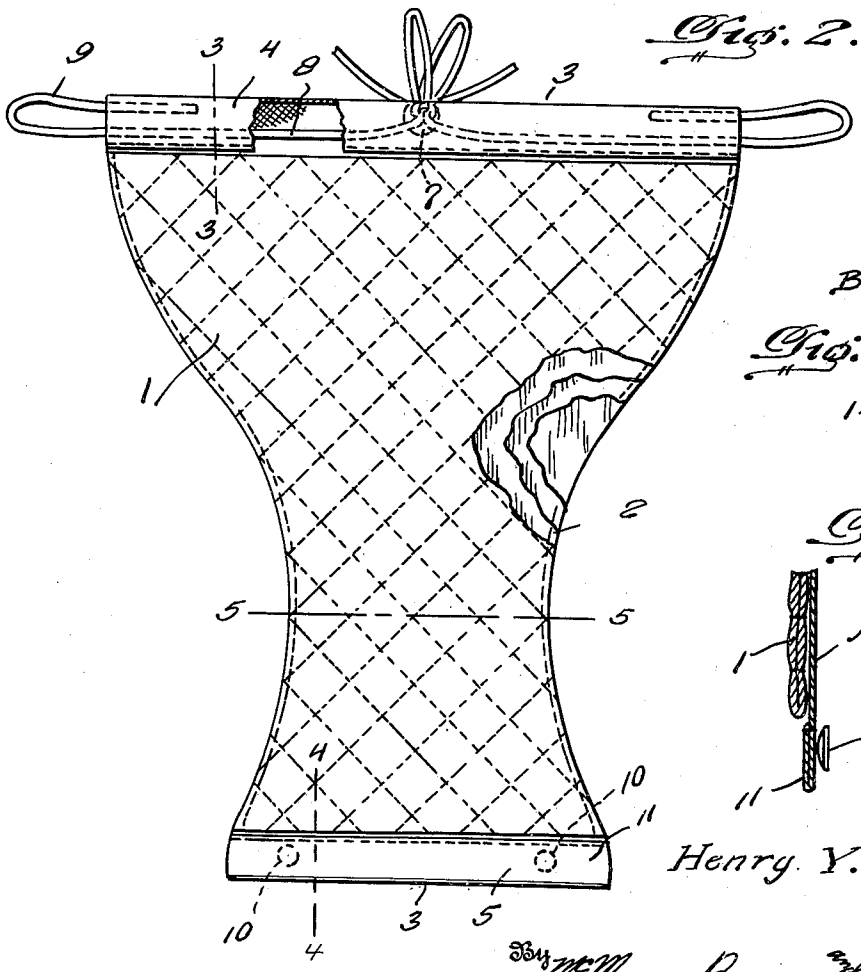


Fig. 2.

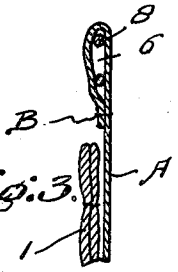


Fig. 3.

Fig. 4.

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DIAPER GARMENT

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1 Claim. (Cl. 128—284)

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This invention relates to a new and improved diaper garment of which the following is a specification.

The primary object of this invention resides in the provision of a new and improved diaper garment for application to children which embodies an improved configuration increasing the comfort of the garment in combination with an improved moisture absorbing and retaining construction.

Another object of this invention resides in the provision of a garment which is provided with an adjustable means adapting it for more comfortable application to various sized children.

Still another object of this invention is the provision of a diaper garment of the character described which eliminates the necessity of folding and preparing the diaper before application to a child, and which also eliminates the use of pins and other metallic and sharp fastening instruments in securing the garment on the child.

Still a further object of this invention is the provision of a diaper garment which is of simple and inexpensive design and which is so constructed as to be easily laundered and stored.

Further improvements and advantages of this invention will readily appear to those skilled in the art when the following description is read in the light of the accompanying drawings in which:

Fig. 1 is a pictorial view of the garment in its applied position.

Fig. 2 is a top plan view of the garment in its open position.

Fig. 3 is a vertical section taken on line 3—3 of Fig. 2.

Fig. 4 is a vertical cross section taken on line 4—4 of Fig. 2.

Fig. 5 is a horizonal section taken on line 5—5 of Fig. 2.

Referring now to the accompanying drawings which illustrate the preferred embodiment of this invention and in which like numerals indicate similar parts throughout, A designates the outer layer of the diaper apparel which comprises a piece of moisture repellent or resisting material or cloth whose purpose in the construction is to retain as much moisture as possible therewithin to be absorbed by the inner layers 1 of absorbent material and thus prevent the child's excretion from fouling his remaining material and bed clothes. Furthermore, it will be noted that the

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central and main part of the outer layer A is not attached to the inner layers 1, so that when the garment is hung up to dry, after laundering, there is a longitudinal wind tunnel extending therethrough, as clearly shown in Figure 5, regardless of the particular end by which the garment is suspended. This, of course, facilitates the efficient and quick drying of the apparel.

The two elongated edges 2 of the inner and outer layer are cut coincidentally to form a hyperbolic balanced curved article having straight interconnecting ends 3 with the back or heel 4 being of greater width than the front or toe 5.

The edge of the heel 4 is folded inwardly and sewn along its transverse length, as at B, forming a spaced tunnel or channel 6 therethrough transverse the back of the garment. At the transverse center of the garment and on its normally outwardly disposed side an aperture 7 is formed in the folded section opening into the tunnel 6.

Two soft cords or the like are inserted into the tunnel to meet adjacent the aperture 7 where they are pulled outwardly from the garment and tied together in that position. The second ends of these cords extend from each end of the tunnel where they are looped, as at 9, backwardly into the tunnel and are securely sewn in that looped position. These loops form button loops for engaging the buttons 10 sewn one to each outer edge of the toe 5 on the outer surface of said garment where said garment is folded over and sewn at 11.

Thus it may be seen that a quickly applicable diaper has been provided with the elimination of pins, sharp fasteners and the like, which is quickly adjustable about the waist of a child by the adjustment of the draw cords 8 from the back ends of the garment, increasing or decreasing the length of the loops 9.

Then it may be also seen that a diaper garment has been provided which, from foresight in construction, is extremely comfortable to the child and which is easily stored, washed and used.

Having thus described and explained the construction and function of this invention and with full conviction that modifications in size, material and general characteristics would not constitute departure from the spirit of this invention as defined in the claim assorted in this ap-

plication, what I desire to claim in Letters Patent is:

In a diaper having superimposed flexible members forming a body formed with a straight front edge, a straight rear edge longer than said front edge and an intermediate width smaller than said front edge, buttons on said front edge, said rear edge being folded upon itself to provide a transversely extending channel, said channel having a rearwardly opening cutout portion midway the length thereof, a pair of flexible members engageable in said channel, said members being tied together and extending through said cutout portion and from opposite ends of said channel, said members being folded back outwardly from the respective ends of said channel and secured thereto forming loops engageable with said buttons on the folded back front edge, the connection of said members at said cutout portion providing means for adjusting the length of said flexible members in said channel.

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