Aug. 6, 1929. G. B. YOUNG 1,723,833

SANITARY DIAPER COVER

Filed Oct. 3, 1927

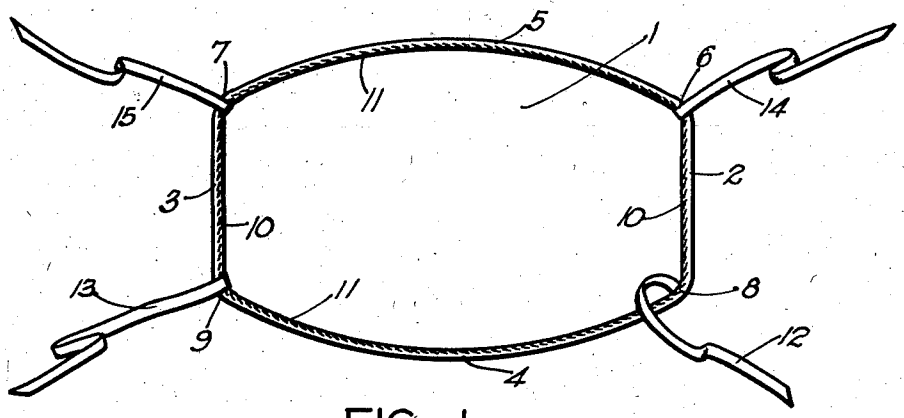


FIG. 1.

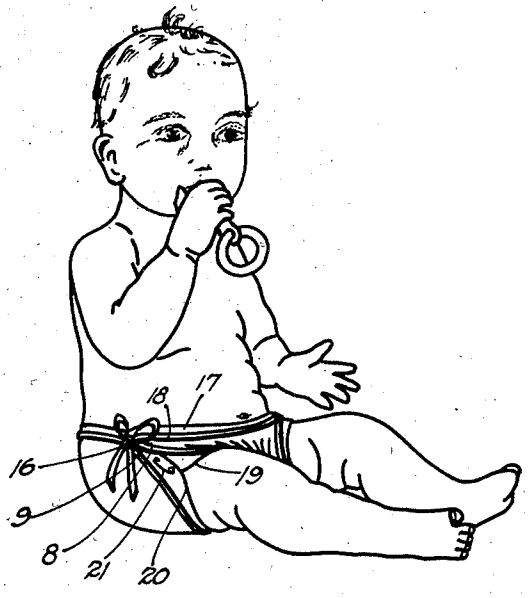


FIG. 2.

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UNITED STATES PATENT OFFICE.

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SANITARY DIAPER COVER.

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My invention relates to sanitary diaper covers.

The objects of my invention are to produce an article of the character described which will be new, novel, sanitary, cheap, efficient and of utility; which will protect people handling babes with this device on from having their clothing soiled; which will protect the bed clothing, carpets, chairs, and other articles of furniture on which the babe may be resting from being soiled or injured; which will be efficient for the purpose for which it is intended without permitting any part of the rubber from coming into contact with the skin of the infant; which will not be binding upon, nor irritating to the legs or flesh of the infant as is the case with the rubber pants which are now on the market; which will be simple, easily manufactured, cheap, easily and quickly fastened and loosened; which will admit air between the cover and the diaper at the front adjacent each groin; which will fit the hips, buttock and back of an infant smoothly around the diaper; which will permit of sufficient looseness between the legs so as not to interfere with their movement, and yet so as not to be baggy and cumbersome even in a sitting posture.

Other objects of the invention will more fully appear from the specifications, claim and accompanying one-sheet drawing of which Figure 1 is a plan or top view of the device ready to be applied over the diaper; Fig. 2 is a perspective view of the device as applied showing the infant on which it is applied in a sitting position.

Like characters of reference designate like parts in all the figures.

A problem almost as old as the human race has always been presented in the rearing of infants. The former common practice of using a thick cotton flannel, or other cloth, square-formed diaper and folding it from corner to corner, making the same into triangular shape, and often for the smaller infants, again folding it from corner to corner still making it triangular in shape, made the formation so thick and heavy that it often resulted in too much heating of the body parts covered by the diaper and sometimes resulted in causing the mis-shaping of the legs of the infant. Later the manner of folding of the diaper was changed so as not to fold it from corner to corner thereby making a triangular shaped result.

It is now usually folded so as to insert the front portion between the legs of the infant permitting its top front edge to reach adjacent the navel, and permit the back portion to reach approximately on a line with the front portion. This was an improvement over the old manner of using the diaper but it did not get away from the unsanitary condition and the inconvenience of and annoyance to those handling the baby. Later, rubber pants, made of thin rubber adapted to go over the diaper and to be tightly drawn around the waist and around each of the legs of the infant was attempted to be used for the protection of those handling the infant. Experience showed this to be bad for the infant as the rubber would shut out the air, and would adhere to and irritate its skin and flesh. The device I have will accomplish all of the desirable features without the bad effects on the skin and flesh of the infant.

In order to accomplish the purposes intended, I provide a thin soft rubber sheet 1 having two straight parallel end edges 2, 3; these are preferably narrower than the lateral dimension of the material therebetween; its side edges 4, 5, being formed so as to bulge semi-circularly between corners 6 and 7, and corners 8 and 9, of end edges 2 and 3, the distance between said side edges being greatest at the center. Both of said end edges and said side edges are provided with a binding preferably of silk, 10, 11, or it may be of some other soft material, so as to prevent the rubber from coming in contact with the bare skin of the infant, and to prevent the edges of the rubber from curling and becoming more binding at the edges. I also provide four stringers 12, 13, 14, 15, preferably of silk being suitably attached to said binding at the corners 6, 7, 8, 9, being adapted to tie the device securely around the outside of the diaper, as best shown at 16 in Fig. 2. The upper part of the diaper 17 when positioned is slightly above the upper portion 18 of the device making a seat for the binding 10; portions 19, 20, of the diaper as best shown in Fig. 2 are adapted to be drawn together over the upper part of the thigh of the infant and suitably fastened as at 21 slightly lower than the de-

vice; edges 4 and 5 are adapted to encircle, respectively, the right and left thighs, and their respective corners 6 and 7, and 8 and 9, adapted to be fastened together as is best shown at 16 and at 8 and 9 of Fig. 2.

It will be readily seen by those familiar with the art to which my invention pertains that no part of the rubber, and ordinarily no part of the binding will be permitted to touch the infant; and that the article will be sufficiently open to admit of a sufficient amount of air along the upper front portions of the thighs to prevent possible galding and irritation of the covered parts; also that it will admit of sufficient movement of the child for the usual infant activities.

Having thus described my invention what is claimed and desired to be secured by Letters Patent is:

As an improved article of manufacture, the herein described sanitary diaper cover, the same comprising a thin flat soft rubber sheet having two straight parallel end edges, the side edges being formed to bulge semicircularly beyond corners, the extent of the end edges being less than the central cross diameter, a binding of relatively soft material around the said sheet, and streamers of relatively soft material secured to said sheet at the corners only and extended at an angle to the end edges outward from their points of connection, the longer edges of the sheet, in use, encircling the thighs with portions drawn together over the upper part of the thighs with the streamers fastened below the upper edge of the cover, the construction being such as to protect the diaper under the body approximately to the knees.

GOLDIA B. YOUNG.