Aug. 7, 1928. 1,680,178

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INFANT NAPKIN PROTECTOR

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Fig. 1.

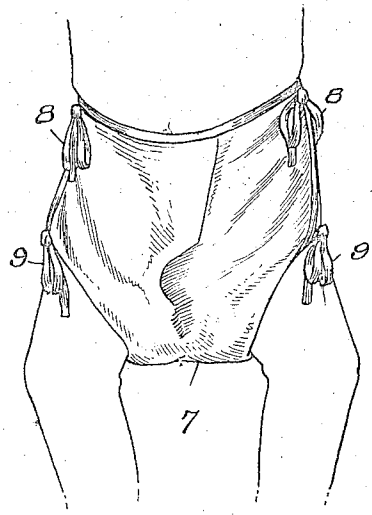


Fig. 2.

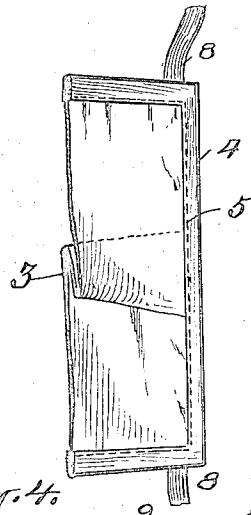


Fig. 4.

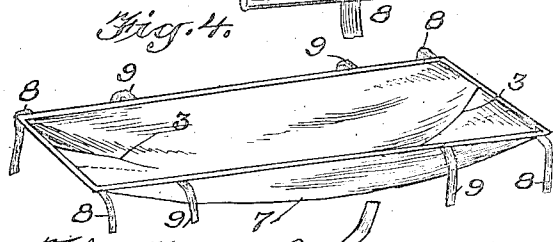
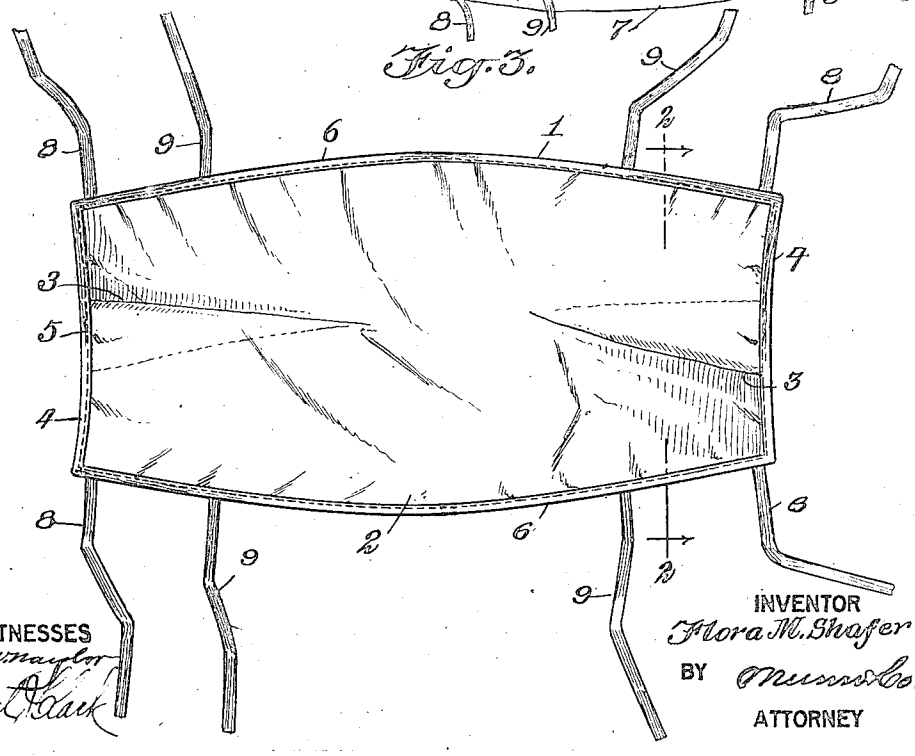


Fig. 3.



WITNESSES

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INFANT-NAPKIN PROTECTOR.

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The present invention relates to a water-proof protection to be worn by infants to form a covering for the usual diaper, and has for an object to provide a protector of this kind which by its form is particularly adapted to be worn by infants from birth and during the toddling age. During these years the leg bones of an infant retain the formation of the foetus, that is, the legs are normally flexed at the knees and spread apart, giving the appearance of being bowed. This formation requires a greater fullness in that portion of the protector which passes between the infant's legs. The present invention, therefore, provides a protector which by its form permits the infant to maintain its legs in their normally flexed and spread apart position, and which permits freedom of movement of the limbs, at the same time affording a more effective surface which is impervious to moisture.

Still another object in view is the provision of a protector having its body formed of a unitary structure and providing when worn by the infant a baggy or pocket formation between the lateral side edges thereof in the crotch section which affords almost complete protection from the passage of moisture and allows the nether garment to be ventilated by the passage of fresh air through the openings at the lateral edges to the pocket formation between the infant's legs.

Still other objects reside in the novel features of construction and arrangement of parts to be hereinafter described.

The invention is illustrated in the accompanying drawings in which

Fig. 1 is a view showing the protector applied to an infant and covering the usual diaper;

Fig. 2 is a perspective view of a portion of the protector showing a cross section on line 2—2 of Fig. 3, and

Fig. 3 is a plan view of the protector when spread out.

Fig. 4 is a perspective view of the protector showing the baggy formation of the body thereof.

The usual infant's protector consists of a main body portion suitably cut out to fit around the legs of the infant, or, is a pants-like structure sewed together to provide leg openings therein. Such protectors are complicated in form, difficult to wash, and do not provide the freedom required for the movement of the infant's legs.

On the other hand, the protector 1, shown in the accompanying drawings, is without the usual leg openings and instead of being cut out in the crotch section to fit around the legs of the infant it is made relatively wider in this section to provide for the peculiar spread-apart formation of the infant's legs, and to produce a baggy formation or pocket in this portion of the garment.

The protector 1 is preferably formed of a unitary body 2 of water-proof material of substantially rectangular form but which is wider at the center than at the ends thereof. The protector may be cut to this form or it may be provided with folds in the ends 4, as shown in Fig. 3. These folds are preferably formed by doubling the material at the ends and securing the same by a line of stitching 5.

Produced in this manner the protector, as shown in Fig. 3, will have longitudinal side edges 6 gradually widening from the ends to the center thereof forming oppositely disposed and oval side edges when spread out in plan view. However, when the protector is held at the ends, the side edges thereof return to this normal parallel relationship with each other, producing a baggy formation 7 extending from end to end and from side to side and reaching its maximum at the center or crotch section.

This same formation is produced when the protector is worn by the infant, as shown in Fig. 1, a portion of the side edges 6 encircling the legs of the infant, giving a decided fullness and baggy formation.

The edges of the main body portion 2 are preferably reinforced by any desired means. This may be accomplished by means of a tape binding which is folded to cover the edges and then secured by stitching through the upper and lower fold of the tape and through the body of the garment, as shown in Fig. 2. At the ends 4 the stitching 5 serves to maintain the folds 3 and to fasten the reinforcing tape to the body 2.

The protector 1 is provided with tie strings 8 secured thereto, one at each corner of the garment, which are adapted to be tied to secure the protector about the waist of the infant. Another set of tie strings 9 are secured to the longitudinal side edges of the protector at points intermediate the tie

strings at the corner, in order to tighten the garment at the hips of the infant. The protector is worn as shown in Fig. 1, one end thereof forming the top of the garment at the front, while the other end forms the top of the garment at the rear.

Constructed in this manner the protector fulfills all the purposes desired in a garment of this character, and furthermore, is particularly adapted to be worn by very young infants, giving the required freedom of movement of the limbs, affording ample ventilation for the nether garment at the crotch section and being extremely simple in construction.

It is understood that the strings 9 not only serve to draw the longitudinal edges of the garment together at the hips but also cause a portion of the side edges to encircle the infant's legs. A protector therefore is produced which, having unbroken edges, is caused to encircle the infant's legs and to be united at the sides of the infant.

Having described my invention I now claim:

1. An infant's napkin protector comprising a body of water proof material of substantially rectangular form, the body being narrowest at the ends and widening from the ends to the center thereof forming oppositely disposed and outwardly extending oval side edges when spread out in plan view and providing a baggy or hammock formation extending from end to end and side to side of the body when the opposite edges are parallel and all in a single plane, and means for uniting the lateral side edges of the body or blank to secure the garment upon the body of the infant.

2. An infant's napkin protector comprising a body of water proof material of substantially rectangular form which is narrowest at its ends and widens from the ends to the center thereof when spread out in plan view forming oppositely curved and outwardly extending side edges providing a baggy formation between the ends and side edges thereof, and means for uniting the lateral side edges of the body to secure the garment upon the infant.

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