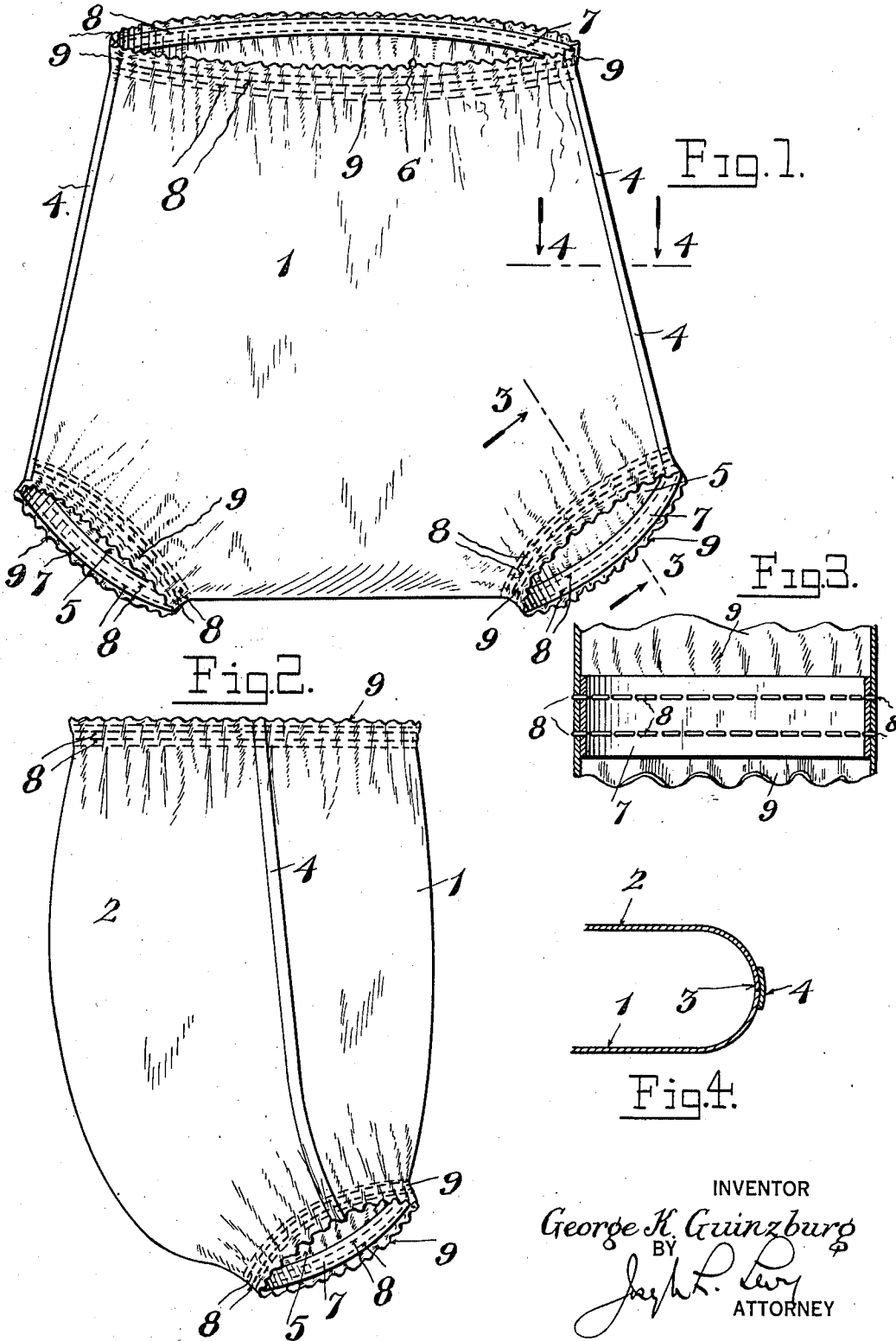


1,314,799.

Patented Sept. 2, 1919.



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GARMENT-PROTECTOR.

1,314,799.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE K. GUINZBURG, a citizen of the United States, and a resident of the city, county, and State of New York, have invented a certain new and useful Improvement in Garment-Protectors, of which the following is a specification.

This invention relates to a moisture proof garment usually worn by infants as a protective covering over the ordinary absorbent diaper, and the object of this invention is to provide a garment of this character so arranged that it may be put on and taken off rapidly, and will at all times effectively prevent the egress of moisture and protect the child's outer garments properly. By means of its particular construction and material, it provides a means for protecting the child's damp diaper from contact with the floor, should the child be playing there, whereby possibilities of the child contracting colds or sickness is prevented.

It is well known that the ordinary form of baby pants now in use does not effectively fulfil the functions that it is desired to perform. These forms of baby pants are generally constructed of a rubberized cloth material, and in order to allow the garment to be put on the child, suitable openings in the garment are provided, and these openings are usually adapted to be closed by buttons and button holes or other fastening means. In practice, it is found that moisture readily finds its way through these openings and also through the openings through which the legs of the child protrude. These leg openings are generally arranged to be contracted about the child's legs by tapes or draw strings, but it is found that in order to prevent egress of moisture through these openings, it is necessary to draw these strings so tightly about the child's legs that discomfort is caused to the child.

The main object, therefore, of this invention is to obviate these readily apparent defects, and to provide a substantially "seamless" form of baby pants in which the usual openings for allowing the garment to be put on, are done away with, and the waist opening and leg openings are provided with improved closure means for contracting these openings about the child's body without causing any discomfort to the child and yet affording a complete and effective protec-

tion and prevention against the egress of moisture.

With these objects and other objects which may hereinafter appear, in view, I have devised the particular arrangement of parts hereinafter set forth, and more particularly pointed out in the claims appended hereto.

Reference is to be had to the accompanying drawing, forming a part hereof, in which—

Figure 1 is a front elevation of a pair of baby pants embodying my invention;

Fig. 2 is a side elevation of the same;

Fig. 3 is a sectional view on the line 3—3 of Fig. 1, looking in the direction of the arrows; and

Fig. 4 is a sectional view on the line 4—4 of Fig. 1, looking in the direction of the arrows.

Throughout the various views of the drawings, similar reference characters designate similar parts.

In the preferred embodiment of my invention, as disclosed in the accompanying drawing, 1 indicates the front face of the garment, which is connected to a rear face 2 to produce a substantially triangular bag-like form of garment. The garment is preferably produced from a single elongated strip of material, preferably rubber, or if desired a rubberized material. The strip of material may be folded transversely to form the front and rear portions 1 and 2, and these two portions are connected at their side edges by seamless joints produced by cutting and vulcanizing, if rubber is used, to construct the garment. These joints 3 are usually reinforced by reinforcing strips 4. The above method of forming the garment is illustrative of one of the ways in which it may be constructed, but it is obvious that many other arrangements can be made use of.

At each of the lower corners of the garment, leg-openings 5 are provided and at the upper end of the garment is produced the waist opening 6. The waist opening 6 and the leg-openings 5 are provided with means for contracting these openings about the body of the child, comprising a strip of comparatively wide and flat rubber or elastic material 7, which is secured around the openings and inside of the garment by

stitching 8, or by any other desired means. To allow expansion of the material of the garment around the openings 5 and 6, shirring 9 is produced at these points. Thus
 5 when the garment is being put on or taken off the child, the elasticity of the elastic bands or strips 7 and the shirring 9 allow a ready distension of these openings and when the garment is in place a perfect fit
 10 at these points is afforded so that egress of moisture at these points is effectively prevented.

The flat strip of elastic material 7 being placed on the inner side of the garment,
 15 or in other words, that side of the garment nearest to the child's body, acts as a covering or cushion for the shirring 9, and any discomfort that might be caused to the child by contact with the thicknesses of material
 20 produced by the shirring is prevented, as these strips provide a flat, wide, and even contacting surface. In addition to this, the flat contacting surface afforded by these strips 7 acts in the nature of a "washer"
 25 so that it is impossible for moisture to pass outside of the confines of the garment by way of either the leg openings 5 or waist opening 6.

From the foregoing, it is obvious that my
 30 invention is not to be restricted to the exact embodiment shown, but is broad enough to cover all structures coming within the scope of the annexed claims.

Having described my invention, what I
 35 claim is:

1. A garment having an opening, shirring surrounding the same, and a strip of flat unshirred expansible elastic material surrounding said opening and secured over
 40 the inner face of the shirring.

2. A garment having an opening, shirring in said garment surrounding the opening, and a strip of flat unshirred expansible elastic material stitched on the inner face
 45 of the garment surrounding the opening and over the shirring.

3. A garment having a waist opening and leg openings, shirring around each of said openings, means for contracting each of said openings comprising a flat strip of unshirred elastic material within each opening, and embracing the same, said strip being stitched to the garment over the inner face of the shirring.

4. A pair of baby pants or the like, comprising a triangularly formed bag-like garment, a waist opening at the upper end thereof, leg openings at the corners thereof, and a flat unshirred elastic strip surrounding each opening, and secured on the inner
 60 side of the garment.

5. A garment of the class described, comprising a triangulated bag-like garment having a waist opening and leg openings therein, means for contracting each of said
 65 openings about the body comprising a strip of flat unshirred expansible elastic material in each opening on the inner face of the garment, and shirring in said garment surrounding each opening and over the flat
 70 strip therein.

6. A garment of seamless rubber having an opening, shirring surrounding said opening, and a strip of flat, unshirred expansible material surrounding said opening, and secured over the inner face of the shirring.
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7. A garment of the class described, formed from a sheet of material folded upon itself to produce a front and rear face for the garment, said faces being joined at the
 80 sides of the garment to produce a substantially seamless joint, said garment having a waist opening and leg openings with the lines of joinder extending from the waist opening to the leg openings, shirring surrounding said openings and a flat, unshirred, expansible strip within each opening, and secured on the inner face of the garment over the shirring.
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Signed at the city, county and State of
 New York this 3rd day of March, 1919.

GEORGE K. GUINZBURG.