

April 1, 1952

M. R. LEATON

2,591,079

DIAPER PANTS

Filed April 10, 1950

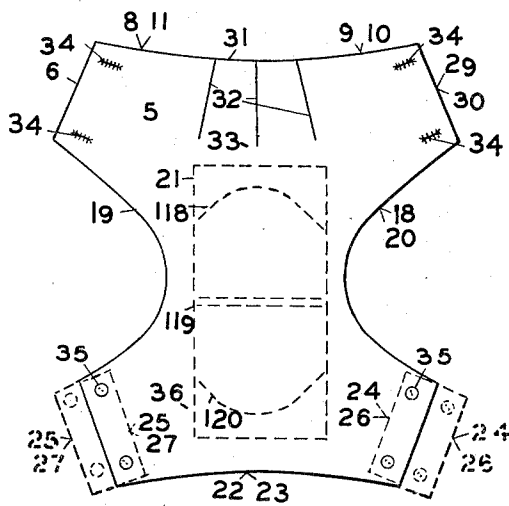


FIGURE 3.

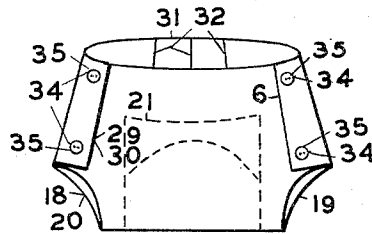


FIGURE 1.

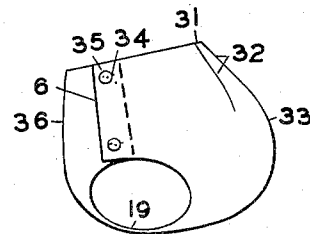


FIGURE 2.

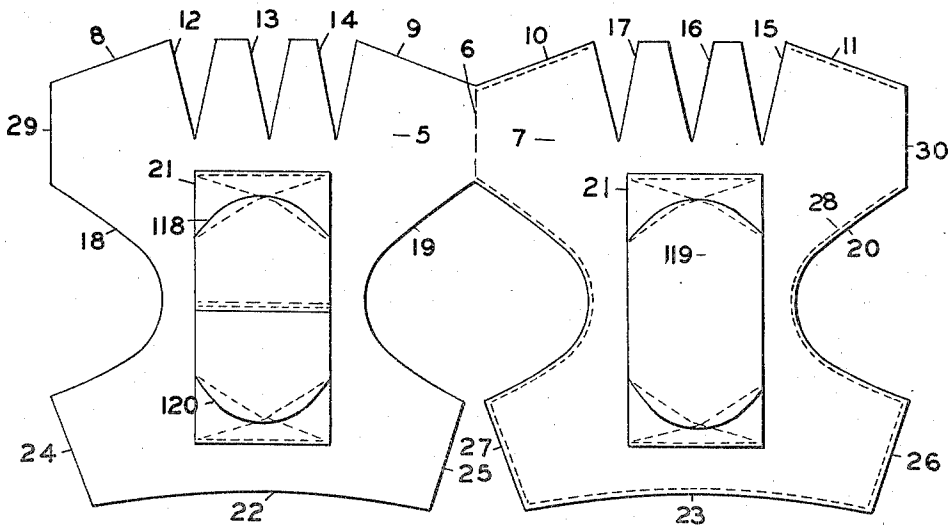


FIGURE 4.

INVENTOR.
MARY R. LEATON
BY

Marrin B. Davis

UNITED STATES PATENT OFFICE

2,591,079

DIAPER PANTS

Mary R. Leaton, Kansas City, Mo.

Application April 10, 1950, Serial No. 155,027

6 Claims. (Cl. 128—284)

1 This invention relates to improved washable diaper pants and particularly to a form fitting type.

Heretofore diaper pants have been made to fasten around the body of an infant or elastic bands have been used for gathering the garment about the waist line of the infant. The elastic band and gathering type tend to gall the infant in hot weather and the button or fastening type garments made heretofore do not comfortably or securely fit the infant.

An object of the present garment is to make the diaper pants form fitting over the buttocks and waist line by providing darts in the back portion thereof.

Another object of the present invention is to have the front portion of the garment provided with projected members having folded in ends with buttons sewed thereon for fastening on the new born infant and when the infant grows the folded in ends may be withdrawn and the buttons reset to fit the enlarged body of the infant; therefore the diaper pants will form-fit the body without unnecessary thicknesses of cloth in a comfortable manner and without overheating or galling the body of the infant and hold it securely so it will not slip off the buttocks.

With these objects in view the invention further consists in the illustrated details of the drawing and the specification as follows:

In the drawing Figure 1 is a front view of the diaper pants with the front and rear portions thereof buttoned together as used on an infant.

Figure 2 is a side elevation of Figure 1.

Figure 3 is a view of the diaper pants opened out and illustrated in solid lines for a new born infant, the extended dotted portions indicate the original folded in ends withdrawn for the infant when it grows larger.

Figure 4 illustrates a cut-out of the diaper pants with pad portions sewed thereon preparatory to folding and sewing the two thicknesses of the diaper pants together.

The diaper pants cut-out illustrated in Figure 4 is cut preferably from a rectangular piece of cloth, one portion 5 is to be folded backward on dotted line 6 against a second portion 7 to produce a double thickness. The top corners of portions 5 and 7 are beveled at 8 and 9 to match the beveled portions 10 and 11 respectively and form a part of the rough outline of a twin convex edge before folding. Three notches 12, 13 and 14 in portion 5 match notches 15, 16 and 17 respectively in portion 7. Leg recess portions 118, 119 and 120 are used for center padding and

2 are cut from concave curve 18, 19 and 20 and are sewed to the center portions 5 and 7 together with additional padding 21. The lower edges of portions 5 and 7 are twin concave curves at 22 and 23 respectively and have extended portions with beveled edges 24 and 25 to match beveled edges 26 and 27 respectively. When the portion 5 is folded backward against portion 7 they reasonably match and are sewed together near the outlined edges thereof as indicated by the threads 28 on portion 7, it being understood that this sewing is made after the portions are brought together and this method of illustration is used to save additional views in the drawing. The upper portions of 5 and 7 are preferably integral at 6 and the extended portion 29 is brought to extended portion 30. The V notches 12, 13, 14, 15, 16 and 17 are closed to form darts by sewing the edges thereof together before folding portions 5 and 7 together. The edges of portions 29 and 30 are not sewed until after the two thicknesses designated as portions 5 and 7 are turned inside out to make the diaper spread out as illustrated in Figure 3. It will be noted that the sewed darts change the twin convex edges to twin concave edges. The unsewed portion for turning the portions 5 and 7 inside out may be located elsewhere along the edges of the diaper pants without departure from the invention.

The diaper pants as illustrated in Figure 3 is completed and has concave edges 22—23 and 31, the concave edge 31 being formed by the darts 32. The darts 32 gather the cloth along the back waistline or concave edge 31 to form a fullness in the body portion 33 of the diaper to fit the buttocks of an infant. The extended portions 6 and 29—30 are provided with buttonholes 34 to button on buttons 35 on the extended portions 25—27 and 24—26, the body portion 36 forming an abdominal belt with edge 22—23 and extended portions 25—27 and 24—26. The pads 21, 118, 119 and 120 are dotted in this view and give additional absorptive thickness between the legs of an infant. The concave curves 18—20 and 19 are curved to fit around the legs of an infant when the diaper pants is folded into the buttoned positions as illustrated in Figures 1 and 2.

It is obvious that this improved diaper pants as described and illustrated will formfit the waist, buttocks and abdomen of an infant without unnecessary overlapping of the cloth due to folds or large seams as in other diapers.

What I claim as new and desire to secure by Letters Patent is:

1. A diaper pants comprising a double thickness

3

of cloth sewed together, two opposite edges of said cloth having concave curves, a plurality of darts, said plurality of darts placed in said cloth transverse to one of said concave curves, the two remaining opposite edges of said cloth having concave curves for recesses, projected cloth between said leg recesses and said first concave curves, and positive button means on said projected cloth to secure it around an infant.

2. A diaper pants comprising a double thickness of cloth sewed together, two opposite edges of said cloth having concave curves, a plurality of darts, one of said concave curves of said cloth having said plurality of darts placed therein to reduce the length of the curve and cause the cloth to bulge and form-fit the buttocks of an infant, and positive button means to secure said diaper pants on an infant.

3. A diaper pants comprising a double thickness of cloth sewed together, two opposite edges of said cloth having concave curves, the two remaining edges of said cloth having concave curves for leg recesses, projected cloth members between said leg recesses and said first concave curves, said cloth having sufficient width to cover the buttocks and abdomen of an infant, a plurality of darts, and the cloth of one of said first mentioned concave curves having said plurality of darts therein to reduce the length of curve to

4

form a waistline that is smaller than the cloth covering the buttocks and abdomen, and positive button means to secure the projected cloth members together.

5 4. A diaper pants as claimed in claim 1 including a cloth pad member, and said cloth pad member being between said double thickness of cloth sewed together.

10 5. A diaper pants as claimed in claim 2 including a cloth pad member, and said cloth pad member being between said double thickness of cloth sewed together.

15 6. A diaper pants as claimed in claim 3 including a cloth pad member, and said cloth pad member being between said double thickness of cloth sewed together.

MARY R. LEATON.

REFERENCES CITED

20 The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
25 Re. 21,092	Lankenau	May 16, 1939

FOREIGN PATENTS

Number	Country	Date
17,640	Great Britain	Oct. 15, 1891