

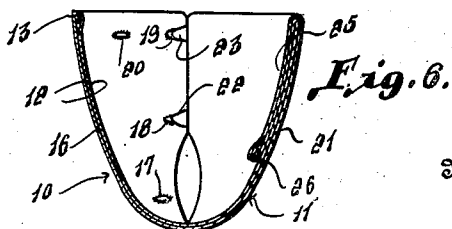
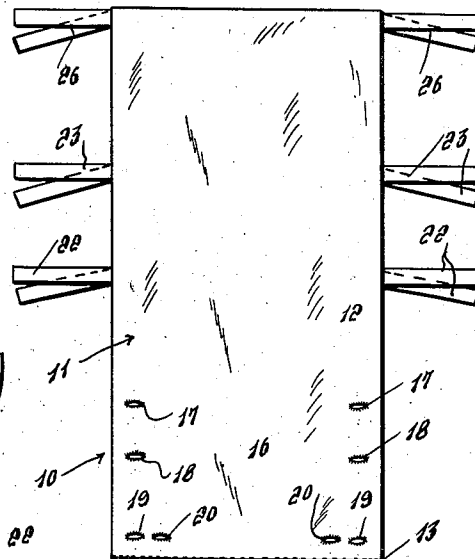
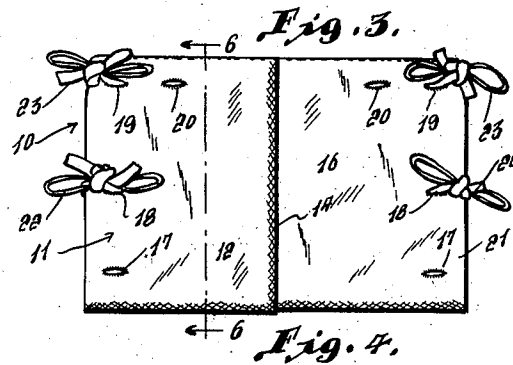
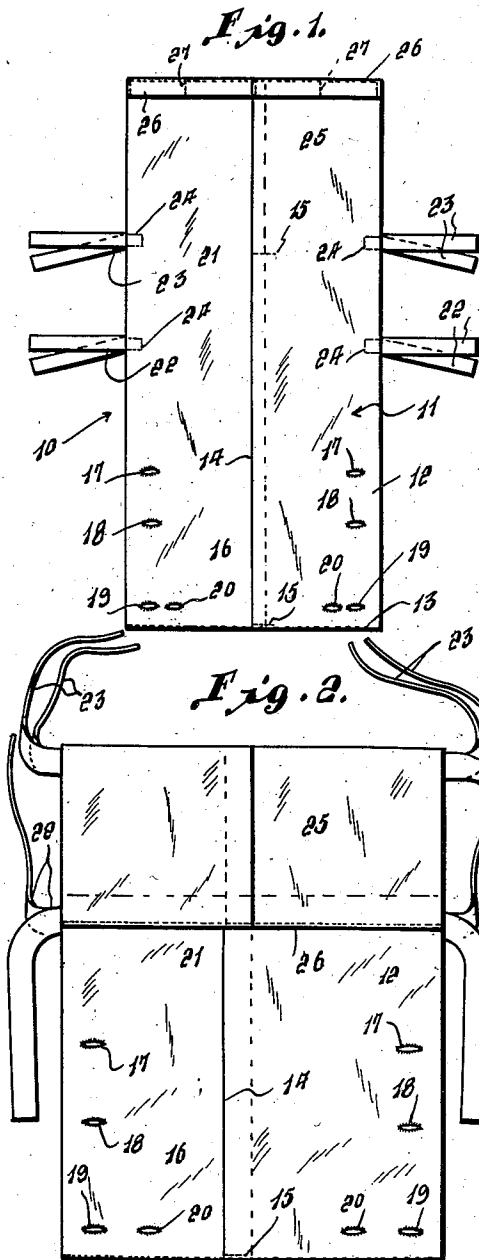
May 19, 1942.

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2,283,178

DIAPER CONSTRUCTION

Filed April 17, 1941



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2,283,178

DIAPER CONSTRUCTION

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Application April 17, 1941, Serial No. 389,059

1 Claim. (Cl. 128—284)

This invention relates to a novel construction of baby's diaper having means, forming a part of the diaper for attaching the diaper to the body of a baby and without the use of pins or buttons.

More particularly, it is an aim of the invention to provide a diaper of simple construction, requiring no pins or buttons for attaching the diaper to the baby and having means, forming a part of the diaper and which may be easily laundered with the diaper for readily attaching the diaper to or removing it from an infant's body.

Still a further aim of the invention is to provide a diaper construction so constructed that the diaper can be readily enlarged in size to accommodate it for use on babies of different sizes and ages and to thereby enable the diaper to be used from the time the child is a very young infant through the entire period that diapers are worn.

Still a further aim of the invention is to provide a diaper construction which may be quickly and easily applied or removed and which may be fitted neatly and snugly on the body of the baby and so as to engage snugly around the legs.

Other objects and advantages of the invention will hereinafter become more fully apparent from the following description of the drawing, which illustrates a preferred embodiment thereof, and wherein:

Figure 1 is a plan view showing the diaper extended and of a width for use by young babies,

Figure 2 is an enlarged plan view showing the end of the front part of the diaper folded back to provide a front portion of double thickness,

Figure 3 is a plan view showing the diaper folded with the front and back ends attached and as it will appear when applied,

Figure 4 is a view similar to Figure 1, and on substantially the same scale, showing the diaper extended laterally for use on larger babies,

Figure 5 is a plan view showing the diaper of Figure 4 as it will appear when applied, and

Figure 6 is a sectional view taken substantially along the plane of the line 6—6 of Figure 3.

Referring more particularly to the drawing, wherein like reference characters designate like or corresponding parts throughout the different views, 10 designates generally the diaper in its entirety, and which includes an elongated sheet 11 which is preferably of a soft fabric and which preferably includes two or more plies 12, as best seen in Figure 6, which are suitably attached at their edges as at 13.

The sheet or body portion 11 of the diaper, as seen in Figures 1 to 3, is provided with the pleat 14 which extends from end to end thereof and which is tacked down at a plurality of points, as by means of stitching 15. The sheet or body portion 11 is provided with an end 16, forming the back portion of the diaper 10 and which is provided, adjacent its side edges with longitudinally spaced openings or buttonholes 17, 18 and 19. The buttonholes 17 are disposed adjacent the intermediate portion of the sheet 11, the buttonholes 19, adjacent the extremity of the end 16, and the buttonholes 18 between and spaced from the complementary buttonholes 17 and 19. The end 16 is also provided with a pair of openings or buttonholes 20 which are disposed substantially in lateral alignment with and in spaced relationship to the buttonholes 19.

The opposite, longer end 21 forms the front portion of the diaper 10 and is provided with pairs of ties 22 and 23, attached thereto adjacent the side edges thereof, as by stitching at 24, and which project laterally therefrom. The laterally aligned pair of ties 22 are disposed adjacent the intermediate portion of the diaper 10 and the laterally aligned pair of ties 23 are disposed in longitudinally spaced relationship to the ties 22 and toward the extremity of the front portion 21, but a substantial distance from the extremity thereof to form the portion 25 which forms the outer or upper part of the front portion 21. The pairs of ties 26 are attached to the free end of the portion 25 and are tacked down, as by stitching 27 across the end thereof, as best seen in Figure 1.

The diaper 10, as shown in Figures 1 to 3, and Figure 6 is adapted for use on young infants and the portion 25 is folded back on the inner side of the portion 21, along a line above and adjacent the pairs of ties 23, as illustrated in Figure 2. The diaper 10 is then applied around the infant and the pairs of ties 23 are passed through the complementary openings 19 and tied, as seen in Figure 3 to engage around the waist of the infant, not shown. Ties 22 are then passed through the complementary openings 18 and tied for fastening the diaper 10 around the legs of the infant. It will thus be apparent that the folded back portion 25, as seen in Figure 6, will provide a front portion 21 of double thickness. Should the diaper 10, as thus assembled, fit too loosely about the waist of the infant the ties 23 instead of being attached through the openings 19 may be attached through the openings 20 for restricting the waist engaging portion of the diaper.

When the baby has grown sufficiently so that the diaper 10, as assembled in Figures 3 and 6, is too small for the infant, the stitching 15 is removed to remove the pleat 14 to thereby increase the width of the sheet or body portion 11 and the stitching 27 is also removed for releasing the ties 26 so that they will project laterally from the side edges of the extremity of the front portion 21, as seen in Figure 4. The diaper can then be applied to the body of the infant and assembled, as seen in Figure 5, with the ties 26 passed through openings 19 and tied high on the waist, the ties 23 passed through the openings 18 and tied, low about the waist, and the ties 22 passed through the complementary openings 17 and tied for engaging around the legs of the baby. Obviously, the openings 20 may be employed instead of the openings 19 for receiving the ties 26 in order to cause the diaper 10 to fit more snugly about the body.

Various modifications and changes are contemplated and may obviously be resorted to, as only a preferred embodiment of the invention has been disclosed.

I claim as my invention:

A diaper construction comprising an elongated sheet, said sheet, adjacent one end thereof, being provided with longitudinally spaced openings disposed adjacent the side edges, ties connected to said sheet, adjacent its opposite end and projecting laterally from said side edges, said ties being adapted to be passed through certain of said openings, when the diaper is folded, and tied for securing the diaper firmly on the body of a baby, said ties including sets of ties attached adjacent each longitudinal edge of said last mentioned end of the sheet, the extremity of said last mentioned end of the sheet extending substantially beyond said sets of ties, and said extremity portion being adapted to be folded back upon the sheet, and a pair of ties secured to the last mentioned end of the sheet, at the extremity thereof, said last mentioned ties being tacked down and being releasable for adapting the diaper for use on babies of different sizes.

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