

(No Model.)

2 Sheets—Sheet 1.

A. L. STEVENS.
DIAPER.

No. 554,203.

Patented Feb. 4, 1896.

Fig. 1.

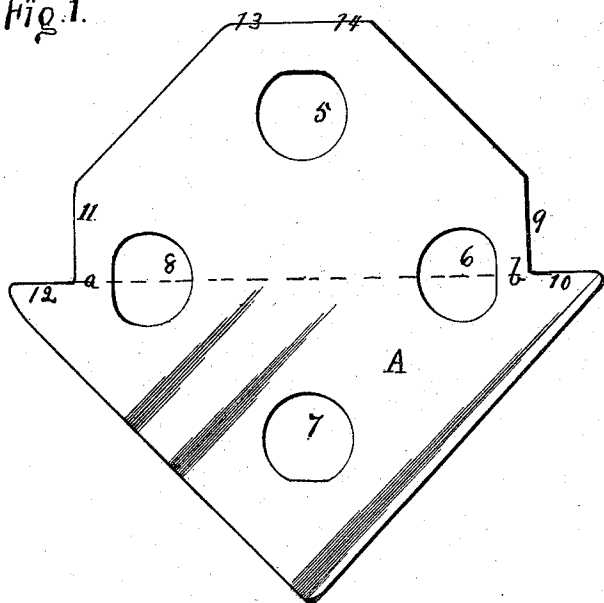
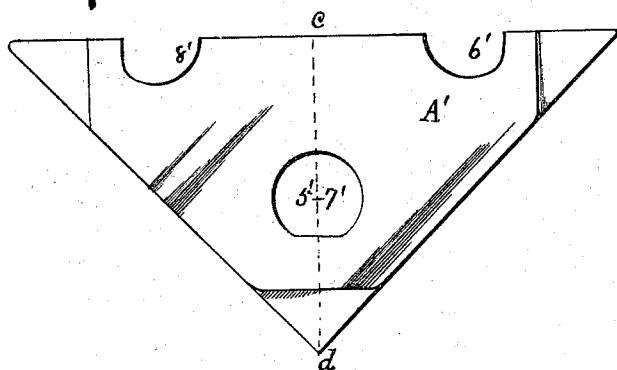


Fig. 2.



WITNESSES

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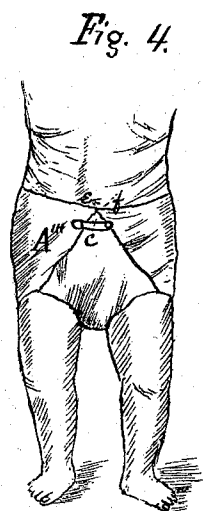
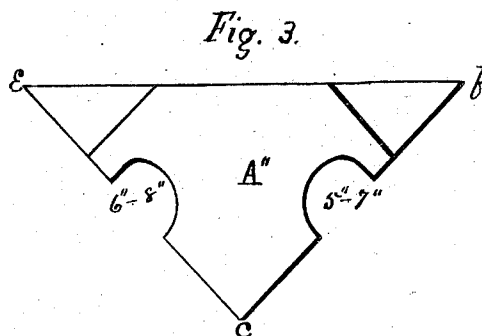
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INVENTOR

Alfred L. Stevens
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ATTORNEY

UNITED STATES PATENT OFFICE.

ALFRED L. STEVENS, OF DAYTON, OHIO, ASSIGNOR OF THREE-FOURTHS
TO C. P. ROUSH, JR., AND WARREN E. BEEGHLY, OF SAME PLACE.

DIAPER.

SPECIFICATION forming part of Letters Patent No. 554,203, dated February 4, 1896.

Application filed October 10, 1895. Serial No. 565,250. (No specimens.)

To all whom it may concern:

Be it known that I, ALFRED L. STEVENS, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Diapers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention has reference to a novel construction of diapers used especially on babes and children, and is intended to make the wearing of these garments comfortable and easy. I attain this object in the means hereinafter described by first cutting the material used into the required size and rectangular in shape and providing four holes each equidistant from each of the four corners, and then folding, stitching and re-folding the material on a line from opposite corners to form a V-shaped cloth, with semicircular cut-away portions to fit the legs when placed and fastened upon the wearer. I thus provide for a free unimpeded use of the limbs of the wearer. To provide further against the usual bulk of material at the points where fastened in those cloths now in general use, the cloth or material in my device is cut away at the three corners, as is shown in the first fold, so that in the second fold the material where fastened at these corners will only be of double thickness to rid the material of as much bulk at these points as is practical for the wearer when fastened, all of which, together with the general construction and use of my device, is apparent in the drawings, in which—

Figure 1 represents diagrammatically the shape of the cloth as first cut; Fig. 2, a like view when first folded on dotted line *a b*, Fig. 3, when next folded on dotted line *c d* in Fig. 2, and Fig. 4 a view in perspective when pinned and fastened on the wearer.

Like figures and letters refer to like parts throughout the several views.

The letter A represents a piece of cloth or other suitable material of proper size and rectangular in shape, having four holes 5, 6, 7 and 8 cut therein each equidistant from a corner. These holes have a slightly-flattened edge on the side next the corner, so that when the cloth is folded for use as is seen in Fig. 3, the top edge of the hole encircling the leg will describe near a straight line and tend to fit the wearer neater and better than it might otherwise do describing a complete circle.

Angle-lines 9 10 and 11 12 and straight line 13 14 represent cut-away portions from the whole cloth to decrease the bulk of the material at the three corners, as is seen in Fig. 2 when the first fold is made.

To form the cloth for use material A is first folded on dotted line *a b*, holes 5 and 7 become holes 5' 7', holes 6 and 8 become semicircular holes 6' and 8', and the whole assuming shape A', as seen in Fig. 2. The material is then stitched and is ready for use. In use material A' is again folded on dotted line *c d*, semicircular holes 6' and 8' become identical, as 6'' 8'', and holes 5' 7' become semicircular holes 5'' 7'', and the whole assuming shape A'', as is seen in Fig. 3. Semicircular holes 6'' 8'' and 5'' 7'' are intended each to receive a leg of the wearer, point *c* and corners *e* and *f* are pinned together, as is seen in Fig. 4, leaving the limbs of the wearer free from pressure with little or no bulk in material around them or around the waist where fastened.

Having, as I think, sufficiently described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A rectangular diaper-blank of suitable material having four circular openings equidistant from each other, substantially as shown and described.

2. A rectangular diaper-blank of suitable material having four circular openings equidistant from each other, each opening being straightened on the side facing the respective edge of the blank, substantially as shown and described.

3. A rectangular diaper-blank of suitable material having four circular openings equidistant from each other, each opening being straightened on the side facing the respective
5 edge of the blank, and three of the corners of the blank being cut away, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

ALFRED L. STEVENS.

Witnesses:

W. E. BEEGLY,
H. A. HUNTER.