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1,645,369

E. G. BIBERMAN

LADY'S AND CHILD'S BLOOMERS

Filed Aug. 16, 1927

2 Sheets-Sheet 1

Fig. 1.

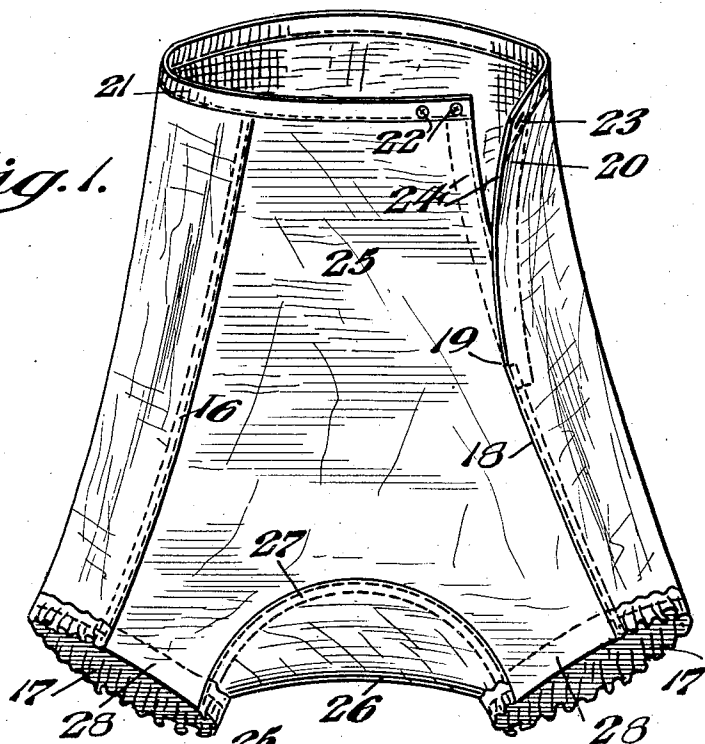
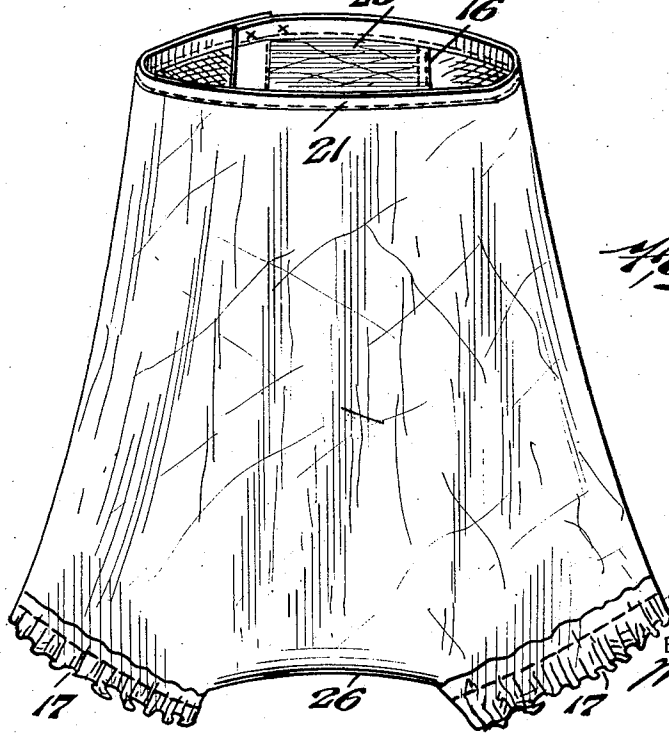


Fig. 2.



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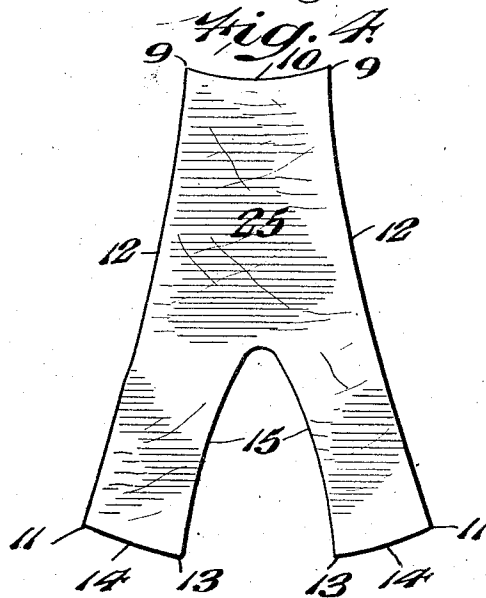
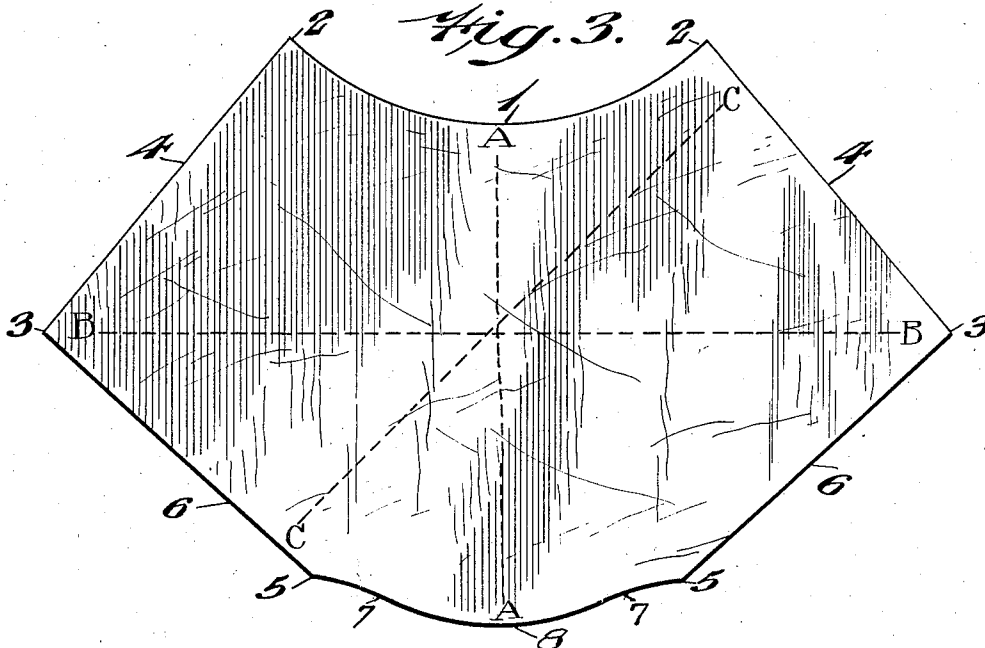
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UNITED STATES PATENT OFFICE.

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LADY'S AND CHILD'S BLOOMERS.

Application filed August 16, 1927. Serial No. 213,250.

This invention is an improvement over the garment disclosed in my copending application Serial No. 212,687, filed August 13, 1927, and, generally stated, relates to nether garments and has more especial relation to garments for feminine and children's wear, commonly called bloomers.

The leading object of the present invention may be said to reside in the provision of an undergarment of the character stated in which the body portion is cut upon a true bias and having its parts so folded that a closed back and a closed bottom are provided with no stitches at the rear or sides, the garment being practically made from a single piece of material with no crotch present.

A further object of the present invention is to provide a garment of the character stated in which the entire waist-line and hip portions are absolutely smooth and flat, and in which all excess fullness is eliminated.

A further object is to make the back portion so ample that the greatest possible freedom is allowed with no binding at any point.

A still further object is to provide adjustability for convenience without the use of elastic or draw string of any kind and without resorting to darts, pleats, or gathers of any kind.

A further object is to provide a garment of the character stated which has a smooth and well fitting portion around the hips of the wearer and which at the bottom of the garment is outwardly flared, skirt fashion.

A still further object is to provide a garment of the character stated the back of which is quite full, without seams, and which because the material is cut upon a bias readily yields with body movements without stress or strain being exerted upon the back of the garment.

Still another object of the present invention is to provide a garment of the character stated which at its bottom is entirely closed, and shaped in so novel a manner that excess fullness is eliminated while allowing the greatest possible amount of material adjacent the leg openings, so that the comfort of the wearer is assured in various leg movements.

A further object is to provide a frontal insert for the garment shaped in so novel a manner that adjustability of the waist and hip portions of the garment may be secured without the use of elastic or draw strings, and in which smoothness and fullness at the

front of the garment immediately adjacent the waist band is secured.

A further object is to provide for leg adjustability and complete snugness by the use of the novel frontal insert so that the knee cuff lies smooth and constant in contradistinction to shifting, thus making for comfort to the wearer.

The invention consists of the novel construction hereinafter described and finally claimed.

Other and further objects not at this time appearing will be hereinafter more fully set forth.

The nature, characteristic features and scope of the invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof, and in which:

Fig. 1, is a view in front elevation of my novel bloomer.

Fig. 2, is a rear view thereof.

Fig. 3, is a view of a blank from which my novel bloomer is fashioned; and

Fig. 4, is a view of the frontal insert used in conjunction with the blank shown in Fig. 3.

For the purpose of illustrating my invention I have shown in the accompanying drawings one form thereof which is at present preferred by me, since the same has been found in practice to give satisfactory and reliable results, although it is to be understood that the various instrumentalities of which my invention consists can be variously arranged and organized and that my invention is not limited to the precise arrangement and organization of the instrumentalities as herein shown and described.

In the drawings, and referring first to Figs. 3 and 4, I will describe the blank or pattern and the frontal insert as used in conjunction therewith, from which I fashion my novel bloomer. In carrying out the present invention I form the blank or pattern shown in Fig. 3, from a single piece of material which is cut upon a true bias, that is, at an angle of 45°. Referring to Fig. 3, the vertical line designated by reference letters A—A illustrates the bias of the goods as does the horizontal line B—B. The line designated C—C which extends at an angle of 45° bisects the intersection of lines A—A and B—B and denotes the "straight of the goods" as it is commonly termed in the trade. The upper part of the blank is cut upon the

inwardly extending curvature designated 1, from the points 2—2 to form the waist line of the bloomer. From the points 2—2 to the points 3—3 the blank extends upon outwardly directed straight lines 4—4. From the points 3—3 to the points 5—5 the blank extends upon inwardly directed straight lines 6—6. Between the points 5—5 which are at the bottom of the blank the curvatures 7—7 and 8 are provided. The frontal piece is cut at its top from the points 9—9 to form the curvature 10. Between the points 9—9 and the points 11—11 the blank is cut upon outwardly curved lines 12—12. From the points 11—11 to the points 13—13 the blank is cut upon straight lines 14—14. Between the points 13—13 the blank is inwardly cut to provide the curvature 15. When the above described blank is properly folded in connection with the frontal piece and the two stitched together, as best seen in Fig. 1, there is fashioned the bloomer body of the present invention.

Having now described the blank and frontal piece I will now describe in detail the manner of bloomer formation. The blank is positioned as shown in Fig. 3 and the frontal piece is laid upon the top thereof with the curved edge 10 of the frontal piece coincident with the curved edge 1 of the blank. The points 2—2 of the blank are then folded over to meet the points 9—9 of the frontal piece, and the points 3—3 of the blank are folded over to meet the frontal piece, in which position of parts the edges 4—4 and 6—6 of the blank meet with the curved edges 12 of the frontal piece. The points 5—5 of the blank are then folded over to meet the points 13—13 of the frontal piece and the curved parts 7—7 and the curved part 8 of the blank are caused to align with the curved part 15 of the frontal piece. When these parts are properly stitched together there is at the front of the bloomer a seam 16, see Fig. 1, which extends from the waist line to the leg opening 17. Opposite to this seam 16 there is formed a seam 18 which extends from the opposite leg opening 17 to the point 19 which is somewhat below the waist line. This provides a flap 20 so that waist adjustments may be obtained. Stitched around the top of the bloomer body is a waist band 21 which is provided with fastening means, as for instance buttons 22, and with a button hole 23. Snap fastener parts 24 or equivalent means as hooks and eyes may be provided, as shown in Fig. 1, for securing the flap 20 to the frontal piece 25. That part of the garment at the bottom thereof is closed as at 26 between the leg openings 17—17, and the frontal piece 25 is stitched to the closed bottom by the seam 27 which as clearly shown in Fig. 1 is upwardly curved. At the front of the garment upon each side the frontal piece extends down

to the knee cuff 28, as clearly shown in Fig. 1, so that the knee cuff may lie smooth in constant position. Each knee cuff has extended therearound, upon each side of the frontal piece extension, elastic, draw-strings, or the like. Thus, at the rear of the bloomer the leg openings 17 are provided with, for instance, elastic; but at the front no elastic is present. A bloomer constructed along the lines above described is provided at the rear with ample fullness and without any crotch, and at the front with not too much fullness so that the garment will snugly fit around the body of the wearer, particularly at the hip portions and around the waist line. But two pieces of material are employed so that seams are reduced to a minimum. If desired, instead of having the flap 20 as shown in Fig. 1, the frontal piece may be stitched to the garment body and the bloomer opened upon one or each side, and provided with buttons or equivalent fastening mediums in order to take care of waist line adjustment.

Among the advantages obtained by my novel bloomer, mention may be made of the following:

The bloomer is cut on the principle of one piece of material for the body on a true bias, with a set-in piece in front cut in a novel way for waist adjustability without the use of elastic or draw string of any kind, so arranged that the fullest benefit is derived in supplying roominess and comfort, and the elimination of bunchiness, gathering and fullness.

The entire waist line is smooth and flat, eliminating all excess fullness which comes with use of elastic or draw string, and without the use of darts, pleats or gathers of any kind.

There are no seams at the back or sides, eliminating all discomfort in rubbing or in side-wise pulling.

Fullest possible room for leg stretching and comfort is allowed, without the use of seams or extra material.

The novel set-in front piece permits adjustability to waist, hip and leg measurement as desired, without the use of elastic or draw string of any kind.

The front piece gives smoothness and flatness around the waist, without the use of elastic or draw string.

The novel inset front piece, which extends down to the leg, permits the rest of the knee-cuff to lie smooth and in a permanent position, eliminating the discomfort that comes from the constant shifting of the position of the knee-cuff.

What I claim is:

An undergarment of the character stated comprising a main body portion and a frontal portion, said garment being narrowed adjacent its top to snugly engage over the

hips of the wearer and outwardly flared adjacent its bottom, said garment having an open top, a permanently closed rear portion and a closed bottom portion, the latter being provided with leg openings, the front of the garment being partially formed of folded-over portions of said main body portion, said main body portion being formed of a blank having greater transverse length than vertical height and being pointed at its opposed transverse ends, the blank sides converging to form said ends and meeting at an angle of substantially 90 degrees, the bottom of said main portion forming an outwardly curved edge connecting the lowest portions of said sides, a frontal piece having bifurcated parts, which frontal piece is extended from the waist line to the knee cuffs of the garment, the said main body portion being stitched to said frontal piece to provide front seams only.

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