June 28, 1927. 1,633,610

A. M. SCHNEIDER

NETHER GARMENT

Filed July 13, 1926

Fig. 1.

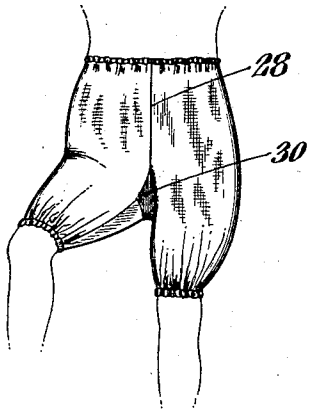



Fig. 2.



Fig. 3.

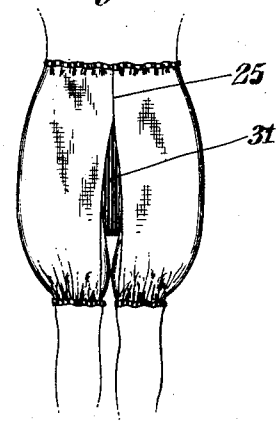



Fig. 4.

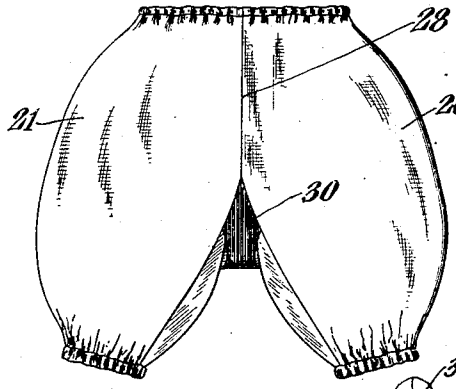



Fig. 6.

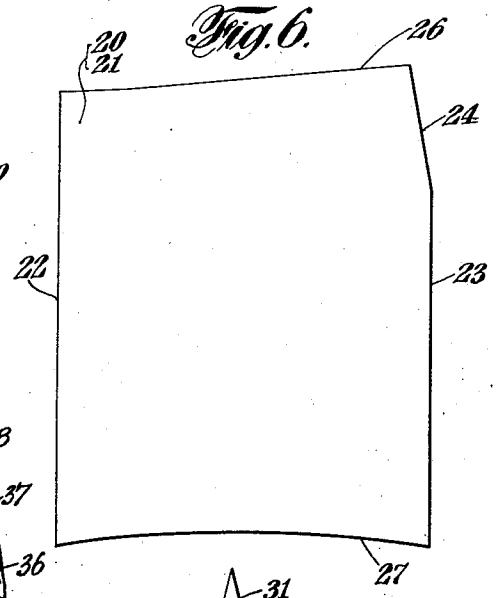



Fig. 8.

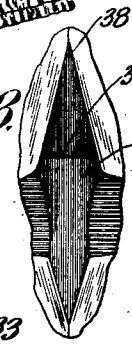



Fig. 5.

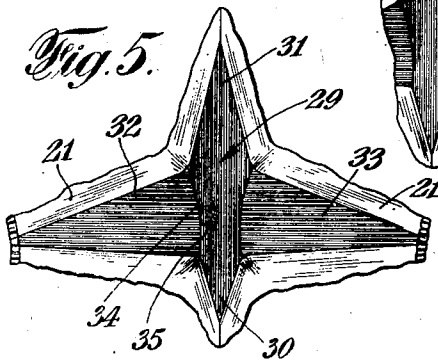
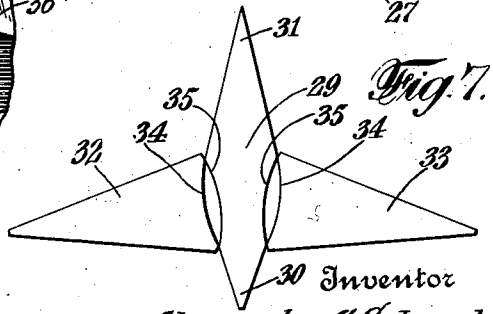



Fig. 7.




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# UNITED STATES PATENT OFFICE.

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## NETHER GARMENT.

Application filed July 13, 1926. Serial No. 122,055.

This invention relates to nether garments and the method of making the same, and has particular reference to an improved bifurcated garment of pleasing appearance, which will be comfortable and convenient in use and which may be inexpensively manufactured.

Various further objects, features and advantages will more clearly appear from the detailed description given below taken in connection with the accompanying drawings which form a part of this specification.

In the drawings:

Figs. 1, 2 and 3, respectively, are front, side and back views of one form of garment embodying the invention and showing the garment as applied to the wearer;

Fig. 4 is an enlarged front view of the garment alone;

Fig. 5 is an enlarged view showing details of certain features of the invention;

Figs. 6 and 7 are developed views of the several parts comprised in the garment of Fig. 4;

Fig. 8 is a developed view of one of the parts such as shown in Fig. 7 but illustrating a slightly modified construction of the part shown.

Referring to the drawings, the garment illustrated in Fig. 4 may comprise a pair of gores 20 and 21, each of which may be cut from a pattern shaped substantially as indicated in Fig. 6. It will be noted that the side edges 22 and 23 of this pattern are substantially straight and parallel, except that at 24 the upper corner of the piece is cut at an angle for a substantial distance down the back of the garment. Two corresponding edges 24 on the gores 20 and 21 may be stitched together to form a seam 25 (see Fig. 3) at the center of the back of the garment. The gores 20 and 21 may be cut with generally horizontal upper and lower edges 26 and 27, respectively, and in the finished garment these edges may be suitably hemmed, if desired, to enclose elastic bands in the conventional manner. The corresponding edges 22 of the two gores 20 and 21 may be stitched together to form the seam 28 at the center of the front of the garment.

The crotch area of the garment may comprise a double pointed gusset member 29 tapered to a point 30 at the front of the garment and having a pointed area 31 of larger size at the back of the garment. At the back of the garment the gores 20 and 21 are stitched, respectively, to the sides of pointed area 31, and when the garment is worn, the resulting seams at the sides of this pointed area are located substantially in alignment with the seam 25 above referred to, thus insuring a good fit without bulging or wrinkling of the parts joined at this area. At the front of the garment, the gores are likewise stitched to the sides of the smaller tapered area 30.

A pair of tapered gussets 32 and 33 have their larger ends secured respectively to the side edges of the middle of the crotch piece 29 and extend down the inside leg portions of the garment, the leg portions of the gores 20 and 21 being stitched thereto as indicated in the various figures. The adjoining edges of the crotch piece 29 and the gussets 32 and 33 respectively may be formed by cutting segmental portions from the sides of the crotch piece and from the ends of the gussets 32 and 33 to provide oppositely directed arcuate edges, as at 34 and 35 (see Fig. 7). These edges when stitched together render the garment substantially conformative to the wearer but devoid of sharp protruding seams and bulging areas. The gussets of the leg portions being separate parts cut independently of the crotch member 29, the weave or fabric pattern of these several parts may be readily made to run substantially in parallelism with the weave or pattern of the fabric of the adjacent trunk and leg portions. Therefore, according to this construction, a comfortable fitting garment is provided with no substantial or unsightly interruptions in the weave or pattern of the cloth. The weave or fabric pattern of the trunk and leg portions may extend vertically in the conventional manner as indicated by the areas of crossed lines representing the thread of the fabric in the various figures. The weave or fabric pattern of the gusset portions is indicated by the parallel double lines of the various figures. It will be noted that each of the patterns is made up of substantially straight lines and arcs of circles. Accordingly, the parts for garments of various sizes may be accurately and quickly cut by inexpensive labor. These advantages are also accompanied by an improved appearance and fit of the garment, since the parts are joined

either along straight lines or along lines forming continuous regular curves.

The crotch piece 29 and the gussets 32 and 33 are preferably of double thickness or otherwise reinforced, and it will be noted that these parts are coextensive with the area of greatest wear.

In Fig. 8, a crotch piece 36 of a slightly modified form of construction is illustrated. In this form, the front and middle portions of the piece are made of double thickness or are reinforced as far as a seam 37, but from this seam on up the back of the garment, a single thickness is used forming the pointed area 38. Ample reinforcement is thus provided in a simple manner without materially adding to the weight of the garment and without adding complications to the manufacturing process.

In the forms of the garment here described, it will be observed that the three parts which make up the crotch area and which embody the more irregular cutting and stitching may be assembled and stitched together to form a unit. Thereafter this assembled unit may be stitched in place between the two gores as a separate operation, requiring less experienced labor.

While the invention has been described in detail with respect to certain particular preferred and satisfactory examples, it will be understood by those skilled in the art after understanding the invention that various changes and modifications may be made therein without departing from the spirit and scope of the invention in its broader aspects, and it is, therefore, intended in the appended claims to cover all such changes and modifications.

What is claimed as new and upon which it is desired to secure Letters Patent of the United States is:

1. Bloomers or pantalets having a crotch portion with a tapering end extending up the front and a tapering end extending up the back, a pair of tapered gussets having their larger ends secured respectively to the side edges of the middle of said crotch portion and extending down the inside leg portions of the garment, the adjoining edges of said crotch portion and gussets respectively being concave at the sides of the crotch portion and at the ends of the gussets to provide oppositely directed substantially arcuate edges which, where stitched together, render the garment substantially conformative to the wearer and devoid of sharp protruding seams and bulging areas.

2. Bloomers or pantalets having a crotch piece with a portion extending up the front and a portion extending up the back, a pair of gussets having their upper ends secured respectively to the side edges of the middle of said crotch piece and extending down the inside leg portions of the garment, the adjoining edges of said crotch piece and gussets respectively being concave at the sides of the crotch piece and at the upper ends of the gussets to provide substantially arcuate edges which, where stitched together, render the garment substantially conformative to the wearer and devoid of sharp protruding seams and bulging areas.

3. Bloomers or the like garments having a crotch piece with its ends extending up the front and back of the garment, a pair of gussets having their upper ends secured respectively to the side edges of the middle of said crotch piece and extending down the inside leg portions of the garment, the side edges of said crotch piece where joined to said gussets being concave to provide substantially arcuate edges which are stitched to the upper ends of the gusets whereby the garment is substantially conformative to the wearer and devoid of sharp protruding seams and bulging portions at the crotch.

In testimony whereof I have signed my name to this specification.

ALEXANDER M. SCHNEIDER.