M. HITZEMAN.

CLOSED UNDERGARMENT.

APPLICATION FILED OCT. 19, 1917.

1,277,074. Patented Aug. 27, 1918.

Fig. 1.

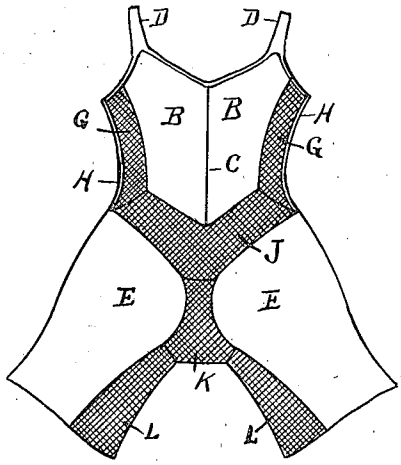


Fig. 2.

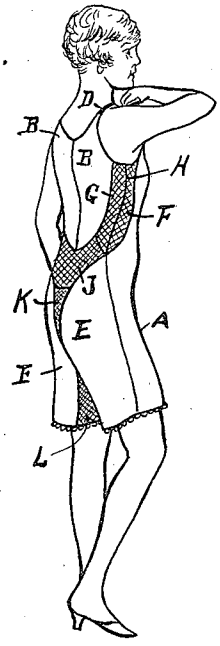


Fig. 3.

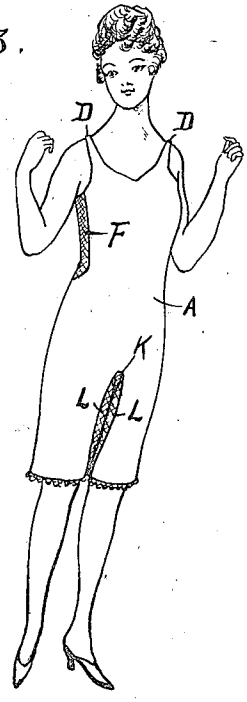
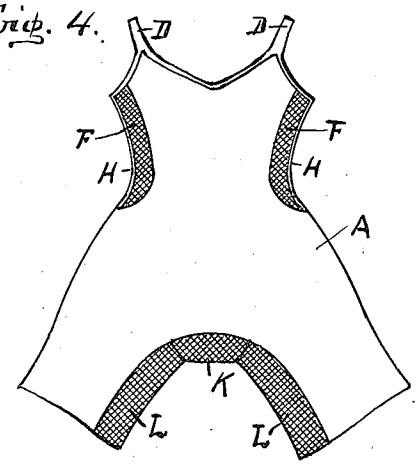


Fig. 4.



Malinda Hitzeman INVENTOR

BY

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UNITED STATES PATENT OFFICE.

MALINDA HITZEMAN, OF FORT WAYNE, INDIANA.

CLOSED UNDERGARMENT.

1,277,074. Specification of Letters Patent. Patented Aug. 27, 1918.

Application filed October 19, 1917. Serial No. 197,499.

To all whom it may concern:

Be it known that I, MALINDA HITZEMAN, a citizen of the United States of America, and resident of Fort Wayne, in the county of Allen and State of Indiana, have invented certain new and useful Improvements in Closed Undergarments, of which the following is a specification.

This invention relates to improvements in closed undergarments, and the object thereof is to provide a neatly fitting garment composed for the most part of thin woven fabric, and with portions thereof made of knitted fabric that is comparatively elastic and which, because of its elasticity, admit of the garment being drawn over the larger portions of the body as it is donned. The intention is that the garment shall be so constructed that when drawn into position upon the body it will cling snugly to the figure and afford comfort to the wearer.

The object of the invention is accomplished by the construction illustrated in the accompanying drawings, in which;—

Figure 1 is a view of the back of the garment in extended position;

Fig. 2 is a perspective view of the garment as it appears in the rear when worn;

Fig. 3 is a similar view of the same as it appears from the front; and

Fig. 4 is a front view of the garment in extended position.

Similar characters of reference indicate corresponding parts throughout the several views and referring now to the same:—

The front of the garment is formed of a woven portion A that is shaped to cover the breast and the front of the waist and leg parts of the body. The rear of the garment has back portions B of woven fabric which are united together by the seam C. The upper ends of the portions B are connected with adjacent corresponding parts of the front portion A by means of shoulder-straps D. The back of the garment has also leg portions E of woven fabric adapted to cover the thighs, their outer marginal edges being united respectively with the corresponding outer edges of the leg portions of the front portion A.

The sides of the waist portion of the garment are composed of side sections F and G of knit fabric united at their outer edges respectively in pairs by means of a corresponding straight woven braid H. The inner edges of the side sections F and G are united respectively with the corresponding edges of the front portion A and the adjacent edges of the back portions B so that the united side sections F and G are held between the front portion A and the corresponding back portions B and form the corresponding sides of the waist portion of the garment.

Across the back is a strip of knit fabric J connected at its ends respectively with the corresponding lower ends of the side sections G and with its upper edge united with the lower ends of the back portions B. The lower edges of the strip J are united with the corresponding upper ends of the leg portions E, and a crotch-piece K of knitted fabric is united with the strip J with its lowermost edge at the middle thereof and is attached at its opposite edges with the corresponding edges of the leg portions E. The forward edge of the crotch-piece K is united with the front portion A. Inner leg portions L, also of knit fabric, are attached respectively at their upper ends to the crotch-piece K and at their respective sides with the corresponding edges of the leg portions E and front portion A.

The garment thus constructed is composed of a body formed for the most part of woven material, such as nainsook, muslin, linen or similar material, and having an intervening part composed of knitted fabric that is comparatively elastic and which extends from the arm-pits of the garment down the sides of the waist and across the lower portion thereof at the back and continuing beneath the crotch as well as down the inner sides of the leg portion.

The intention is to form the garment with the inserted elastic portion so that it may be donned by entering the upper end by spreading the shoulder-straps D so as to admit the large portion of the trunk of the body. The elastic knit portions of the garment yield and permit the passage of the body thereinto and because of the elastic tendency of the knit portion, the garment reassumes its normal shape when in place and conforms to the body of the wearer. The elastic knit fabric portions also admit of normal contortions of the body as occur so that the garment does not become unduly strained.

The inner leg portions L and crotch-piece K, being also of elastic knitted material, admit of those portions of the garment to

be drawn up and aside as occasion may arise to meet the necessities of nature.

The general idea of the invention is to incorporate in a garment of the class which is made of woven fabric, a system of elastic knitted fabric, which extends from the arm-pits downwardly, across the back and beneath the crotch and continuing therefrom down the inner sides of the legs, so that there is a continuation of the knitted elastic portion from one end of the garment to the other, and thereby afford a clinging fit even though the major portion of the garment be composed of a comparatively non-elastic material. It is the intention also to afford a garment herein disclosed that is closed and that will nevertheless afford the necessary fullness in the seat as is required when in a sitting posture without accompanying strain of the seams.

The effect of the elastic inserted portions of the garment may be augmented by cutting the parts forming the same on the bias, which will ordinarily afford a greater amount of elasticity in those parts.

What I claim is:—

1. A garment of the class described, composed of a front portion of woven fabric, portions forming the back of the waist and also back leg portions of woven fabric, and a comparatively elastic portion of knitted fabric that extends from the arm-pits down the sides of the waist, across the back at the lower end of the waist, and continuing therefrom beneath the crotch to the front portion and from thence downwardly forming the inner portions of the legs.

2. In a garment of the class described, a front portion of woven material, back leg portions of woven material united respectively at their outer edges with the corresponding edges of the front portion, portions of woven fabric forming the back of the waist, and a series of inserted portions of knitted fabric having comparatively greater elasticity intervening between the front portion and those parts forming the back of the waist, and extending between said back portions and the back leg portions and extending beneath the crotch to the front portion and from thence downwardly and forming the inner portions of the legs.

3. In a garment of the class described, a body the front of which is formed of woven material and having back leg portions and back waist portions also of woven fabric, side sections of knitted fabric arranged in opposite pairs, the outer edges of each pair of sections being united together, their respective inner edges being united with the front portion and corresponding back waist portions, a woven braid binding the united edges of each pair of sections, the back leg portions attached at their respective outer edges to the corresponding edges of the front portion, a knitted fabric strip extending between the back leg portions and the said back waist portion, a knitted fabric crotch-piece secured at one end to said strip, and at its other end to said front portion and being also attached to the adjacent edges of the back leg portions, and inner leg portions of knitted fabric, their opposite edges being attached respectively to the corresponding edges of the back leg portions and front portion.

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

MALINDA HITZEMAN.

Witnesses:

MATILDA METTLER,

SOPHIA HEINE.