

Sept. 8, 1953

N. EMERSON
WOMAN'S UNDERGARMENT

2,651,047

Filed May 23, 1951

Fig. 1.

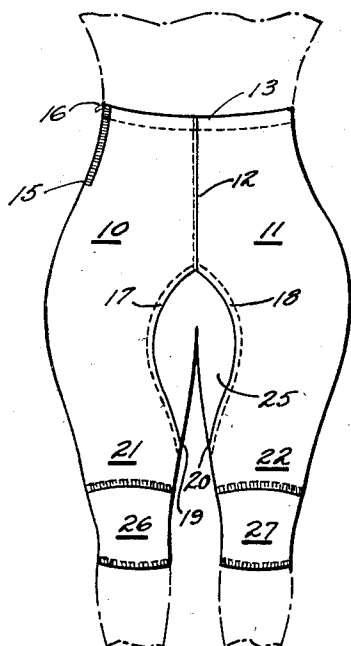


Fig. 2.

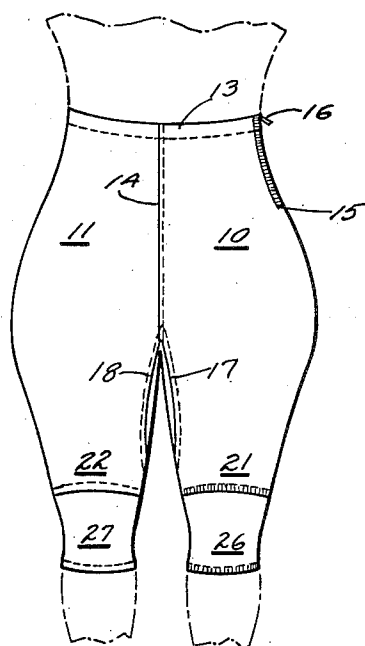


Fig. 3.

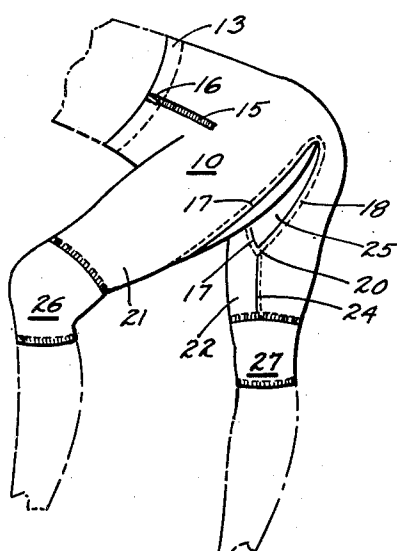
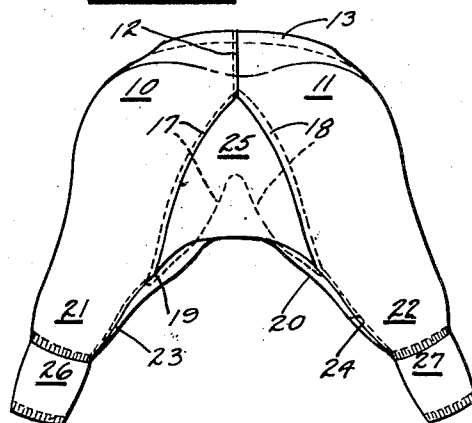


Fig. 4.



INVENTOR.
Nellie Emerson.
BY *W. B. Harpman*
ATTORNEY.

UNITED STATES PATENT OFFICE

2,651,047

WOMAN'S UNDERGARMENT

Nellie Emerson, Youngstown, Ohio

Application May 23, 1951, Serial No. 227,884

1 Claim. (Cl. 2—224)

1

This invention relates to a woman's undergarment and more particularly to a form-fitting undergarment capable of being worn under conventional outer garments without disclosing its presence.

The principal object of the invention is the provision of a form-fitting woman's undergarment including novel crotch construction locating the seams of the undergarment so as to be unnoticed beneath ordinary outer garments.

A further object of the invention is the provision of a woman's undergarment of greater than knee length incorporating semi-elastic band-like portions at its lower extremities adapted to envelop the knees of the wearer.

A still further object of the invention is the provision of a woman's undergarment incorporating a waist-band area of form-fitting, tailored design including a placket in one side thereof having an interconnecting slide fastener as a closure.

A still further object of the invention is the provision of a woman's undergarment incorporating a one-piece crotch portion, the seams securing the same to the remainder of the garment being located away from the crotch area of the garment.

The woman's undergarment disclosed herein comprises a novel form of undergarment with respect to its pattern, formation and placement of seams joining the several pieces of material from which it is formed. The undergarment has been designed to provide necessary warmth over the area of the body from the waist to and below the knees and at the same time be inconspicuous when worn in that the seams joining the several portions are disposed so as to be invisible through the ordinary outer garments and so that their presence will not form raised lines or ridges.

The undergarment is particularly suitable for wear in cold weather and in connection with the use of a jacket or short coat as it affords protection for the lower extremities of the body.

The undergarment can be easily formed in a plurality of sizes enabling the same to be sold to the general public and at a reasonable cost.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being the intention to cover all changes and modifications of the example of the invention herein chosen for purposes of the disclosure, which do

2

not constitute departures from the spirit and scope of the invention.

The invention is illustrated in the accompanying drawings, wherein:

Figure 1 is a back view of the undergarment.

Figure 2 is a front plan view of the undergarment.

Figure 3 is a side view of the undergarment.

Figure 4 is a bottom view of the undergarment.

By referring to the drawings and Figures 1 and 2 in particular it will be seen that the undergarment comprises a pair of similar longitudinal side sections 10 and 11 joined by a vertical seam 12 extending downwardly from a waistband portion 13 on the back of the garment and by a central vertical seam 14 extending downwardly from the waistband portion 13 on the front of the garment. The section 10 has a placket 15 including a slide fastener 16 formed at the central part thereof and extending downwardly from the waistband portion 13. The vertical seam 12 on the back of the garment joins the adjacent edges of the sections 10 and 11 and terminates well above the crotch area of the garment. Seams designated 17 and 18 secure a crotch piece 25 to lower portions of the sections 10, 11. It will be observed that the lower end of the vertical seam 12 is below the portion of the undergarment normally overlying the wearer's buttocks so that the seams 17 and 18 are disposed on the wearer's body beneath the buttocks and thereby incapable of being observed through an outer garment and incapable of indicating their presence in the form of ridges or lines on the outer garment.

The seams 17 and 18 extend downwardly and inwardly on the back of the garment to tapering points 19 and 20 on the inner sides of the leg portions which are generally indicated by the numerals 21 and 22 and which are formed of the lower portions of the sections 10 and 11, the abutting edges of which are joined below the bifurcated seams 17 and 18 by vertical seams 23 and 24. It will occur to those skilled in the art that the vertical seams 23 and 24 may be eliminated when the garment is formed so that the leg portions 21 and 22 are tubular.

The seams 17 and 18 extend from the points 19 and 20 on the lower inside surfaces of the leg portions 21 and 22 of the undergarment and upwardly along the inner surfaces of the leg portions 21 and 22 on the front of the garment, as best shown in Figure 2 of the drawings, and wherein the seams are disposed so as to be invisible through an outer garment and so that

3

their presence is not indicated by lines or ridges in the outer garment.

The seams 17 and 18 secure a substantially diamond shaped crotch piece 25 in the area between the side portions 10 and 11. The crotch piece 25 is best illustrated in Figure 4 of the drawings wherein it will be observed that it is of generally diamond shape and longer on one axis than the other, said crotch piece having convexly curved side edges corresponding to the curved edge portions of the sections 10 and 11, the crotch piece being arranged with its longitudinal axis extending transversely of the garment. It will be observed that the seams 17 and 18 thus may be said to start at the lower end of the vertical seam 12 where they form, in effect, a bifurcated seam and that they continue in spaced relation joining the adjacent portions of the side portions 10 and 11 and terminate at a point on the front of the garment at the lower end of the vertical front seam 14. It will occur to those skilled in the art that the formation of the crotch portion 25 of the undergarment is thereby enabled to be snug and form-fitting along with the remainder of the garment and at the same time present no objectionable seams, folds or bulkiness.

By referring to the several figures of the drawings it will be observed that the leg portions 21 and 22 terminate in knitted or semi-elastic, relatively wide band-like portions 26 and 27 which are adapted to envelop the knee area and to be form fitting with respect thereto.

Having thus described my invention, what I claim is:

A woman's bifurcated form-fitting undergarment having leg portions and a crotch portion, said undergarment comprising two similar oppositely disposed longitudinal side sections each having straight upper side edge portions joined together by vertical central seams at the front and rear of the undergarment, the upper straight edge portions of the sections at the rear of the undergarment and the vertical seam connecting the same terminating above the crotch portion of the undergarment at a point below that part thereof normally overlying the wearer's buttocks, the upper straight edge portions at the front of the undergarment and the vertical seam connecting the same terminating slightly above the

4

crotch portion, said sections at the rear of the undergarment each having a lower concave edge portion extending in a gradual curve inwardly thereof from the lower end of the adjoining rear vertical seam to a point a substantial distance below the crotch portion, the sections at the front of the undergarment having slightly concavely curved edge portions extending from the lower end of the front vertical seam to a point a substantial distance below the crotch portion, and a single continuous generally diamond shaped crotch piece longer on one axis than the other, said crotch piece having side edge portions convexly curved to correspond to said concavely curved edge portions of the sections and seamed thereto, said crotch piece being disposed with its longitudinal axis extending from the corresponding points on one leg portion to the corresponding points on the other leg portion, the seams connecting said first mentioned rear curved edge portions to the crotch piece being disposed to extend along the wearer's body beneath the buttocks at the inner sides of the legs a relatively short distance laterally of the crotch area, the crotch piece being adapted to smoothly and snugly fit the wearer's body and at the same time the connecting seams being so disposed as to be invisible through an ordinary outer garment and to not present any ridges or lines on an outer garment, the longitudinal side sections below the ends of the crotch piece being secured together to form the leg portions, and elongated cuff members formed at the bottom of said leg portions.

NELLIE EMERSON.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
1,106,310	Kelly	Aug. 4, 1914
1,391,618	Doty	Sept. 20, 1921
1,425,794	Sacks	Aug. 15, 1922
1,450,437	Goldsmith	Apr. 3, 1923
1,643,568	Redmond	Sept. 27, 1927
1,645,369	Biberman	Oct. 11, 1927
1,832,709	Hunter	Nov. 17, 1927

FOREIGN PATENTS

Number	Country	Date
283,349	Great Britain	Jan. 12, 1928