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This invention relates to garments and more particularly to men's waist supported garments of the brief type constituted in part or in whole of knit fabric.

Garments of this invention are so cut and so assembled as to provide a form fit with a controlled support and in a comfortable manner.

Essentially, garments of this invention are designed and constructed on the principle of a loin cloth, certain parts, front 10 and back 15, performing the control function of a loin cloth, while the remainder, in a sense, merely holds the ends of the loin cloth in proper position at the waist, in the crotch, and at the front sides, while providing coverage for the buttocks and other adjoining body portions.

A garment of this invention is shown in the accompanying drawings wherein:

Fig. 1 is a front view of the garment on a model;
Fig. 2 is a side view thereof;
Fig. 3 is a rear view thereof; and
Figs. 4, 5, and 6 are patterns for cutting fabric for utilization in fabrication of the garment of Figs. 1, 2, and 3.

The garment comprises essentially five fabric parts which are conveniently cut from tubular fabric on the patterns of Figs. 4, 5, and 6. The patterns of Fig. 4 and Fig. 5 are preferably used to cut double-thickness of tubular fabric, as is the pattern of Fig. 6 with the left-hand edge, as shown in Figs. 6, overlying a fold line of the tubular fabric. When thus cut from double-thickness tubular fabric, the fabric from the Fig. 4 pattern provides two mirror-image front side portions for the garment, 10 and 12, the fabric from the pattern of Fig. 5 provides two identical front central portions of generally rectangular shape and including an outer central portion 15 and an inner central portion 16, and the fabric from the pattern of Fig. 6, when unfolded, provides a single piece of knit fabric which is utilized as the rear portion 18. It will be noted that the median vertical length of rear portion 18 (i.e., from its top edge to edge 28, Fig. 6) is greater than the vertical median length of front portions 14 and 16 (i.e., from the top edge 33 to the bottom edge 39, Fig. 5).

As shown in Figs. 1, 2, and 3, side edges of the side panels 10 and 12 are seamed at 13 to the side edges of rear panel 18 whereas the inner edges thereof are seamed along vertical seams 15 to the outer edges of the central superposed front panels 14 and 16. However, for a portion of its length, the left-hand side edge of the outer panel 14 remains unstitched to side panel 10 and similarly, for a portion of its length, the right-hand side edge of underlying panel 16 remains unstitched to the side panel 12, thereby providing a fly-front with a convenient opening. The unattached edges may be finished by a suitable finishing operation at 29 and 32.

The bottom edge 28 of rear panel 18 is seamed at the crotch, both to the lower edges 28 of the front side panels 10 and 12 and to the bottom edges 30 of the front panels 14 and 16 by a transverse seam 32. In forming this seam, the material near bottom edge 30 of the two central panels is gathered as shown in Figs. 1 and 3 to provide a form-fitting pouch. The gathering is accomplished by seaming the bottom edges 30 of the front portions 14 and 16 to a central section of the bottom edge 28 of rear portion 18 of less length than the length of lower edges 30.

This leaves outer portions of bottom edge 28 of rear portion 18 for attachment of the bottom edges 28 of side portions 10 and 12 to rear portion 18 along extensions of the same seam.

Because of the difference in the respective vertical median lengths of rear panel 18 and front panels 14 and 16, the seam 32 in the finished garment lies forwardly of the mid-distance through the crotch between the center of the top edge of the waistband 40 in front and the center of the top edge of the waistband 40 in back. In the preferred form, the upper edges 33 of the panels 14 and 16 are likewise gathered for stitching to a waist-band, for example, an elastic waist-band 40. The gathering at the top 33 and the bottom 32 of the panels 14 and 16 gives opposite curvatures to the seams 15, as shown in Fig. 1.

It should be noted that the material of the front panels 14 and 16, as well as of the side panels 10 and 12, if constituted of knit material, and of rear panel 18 are all so cut that the waist thereof run vertically in the garment to give lateral extensibility.

The gathering of the top of the central panels 14 and 16 tends to permit the waistband 40 to be stretched laterally without causing a fitting or appreciable tensioning of the front panels 14 and 16, since the waistband expansion merely un gathers the folds and allows for adequate male body room and pouch container formation. Accordingly, the length of the garment may be such that it provides an exact pouch fit determined without the necessity of providing extra front length to prevent binding when the waistband is stretched as by exertion.

As shown, the leg openings may be provided with suitable trim 30 in a conventional manner.

While I have shown in Fig. 5 lower edges of panels 14 and 16 as having a convex curvature, this line may be straight or, if desired, it may be notched to deepen the pouch at the bottom of the panels.
As will be noted from the relative dimensions of the patterns of Figs. 5 and 6, the bottom edges 30 of the central panels have a dimension substantially equivalent to twice the width of the bottom edge 28 of the pattern of Fig. 6. When the fabric cut from the pattern of Fig. 6 is unfolded to form the rear panel 18, its bottom edge is therefore substantially equal in length to the identical lengths of the two bottom edges of the two fabric layers cut out from the pattern of Fig. 5. However, due to the gathering of the bottom edges of the front panels 14 and 16, to form the pouch which extends forwardly and upwardly from the seam 32, there are outer portions of the bottom edge 28 of the rear panel remaining for attachment thereto of the bottom edges 28 of the sides panels 10 and 12.

With a garment thus fabricated, the longitudinal tensions through the crotch are almost wholly along the seam lines 15, causing these seams to lie snugly against the body lines. They thus act as confining barriers, just as the edges of a loin cloth, with the material intervening these seams forming a controlled, molded pouch suspended from the elastic waistband, having front fullness bounded at the bottom by the seam 32, and with the material lying outwardly of the seams 15 tending to bend forwardly about the seams 15 as fold lines to lie flat against the front leg portions outside of the groin. The seams 15, extending upwardly from seam 32 about 6 inches, rather than the leg opening edges, are at the groin lines. Positive confinement of the male parts in the pouch is secured, since the leg openings always stay outside of the groin lines which are occupied by the tensioned seams 15 in this area. Binding incident to misplacement of the leg opening edges or exposure due to looseness of the leg openings cannot, therefore, occur.

While I have illustrated in the drawings a garment having a double thickness central panel with a double fly-front, it can be seen that a conventional single or other form of fly-front may be substituted so long as the seams 15 remain placed substantially as shown. Other modifications and details may be incorporated without departing from the scope of the invention as defined in the claims.

I claim:

1. A man's supporter-type garment comprising an elastic stretchable waistband, side and rear knit fabric portions extending downwardly from said waistband at the back and along the sides of the garment, and a central front portion of knit fabric of generally rectangular shape extending downwardly from said waistband at the front of said garment towards the crotch with its wales running vertically of the garment, the median vertical length of said front portion being less than the vertical median length of said rear portion, said front portion being seamed at its bottom edge along a substantially straight transverse seam, located forwardly of the mid-distance through the crotch between the center of the top edge of the waistband in front and the center of the top edge of the waistband in back, to a central section of the bottom edge of said waistband of less length than the length of the lower edge of said rectangular front portion to form gathers at the bottom of the front portion, said front portion being seamed along its upper edge to a section of the lower edge of said waistband of less length than the length of the upper edge of said rectangular portion to form gathers at the top of said front portion permitting lateral stretch of said waistband in front unrestricted by said central portion, and vertical lines of stitching extending separately on either side of said central portion from the waistband down to said transverse seam, and bottom edges of said side portions being seamed to said rear portion along extensions of said transverse seam, the gathers at the bottom of said front portion cooperating with said transverse seam to form a shaped supporting pouch in the front of said garment.

2. A man's supporter-type garment, as claimed in claim 1, wherein the front portion comprises a double layer of fabric and wherein the vertical lines of stitching of said side portions of the vertical side edges of said layers to adjacent vertical side edges of said side portions, unseamed sections of the vertical side edges of said layers forming a fly-opening for the garment.

3. A man's supporter-type garment comprising an elastic stretchable waistband, side and rear knit fabric portions extending downwardly from said waistband at the back and along the sides of the garment, and a central front panel composed of one pair of opposite vertical edges of said knit fabric overlying one another and extending downwardly from said waistband at the front of said garment towards the crotch with the wales in at least one of said pieces running vertically of the garment, the median vertical length of said front panel being less than the vertical median length of said rear portion, said front panel being seamed at its bottom edge along a substantially straight transverse seam, located forwardly of the mid-distance through the crotch between the center of the top edge of the waistband in front and the center of the top edge of the waistband in back, to a central section of the bottom edge of said rear portion of less length than the length of the lower edge of said rectangular front panel to form gathers at the bottom of the front panel permitting lateral stretch of said waistband in front unrestricted by said central panel along its upper edge to a section of the lower edge of said waistband of less length than the length of the upper edge of said rectangular piece of said gathering side portions of said side portions throughout their lengths along vertical seams which extend separately from the waistband down to said transverse seam, the other pair of opposite vertical edges of said layers being seamed to the side portions by said seams only along sections thereof, the unseamed sections providing a fly-opening for the garment, and bottom edges of said side portions being seamed to said rear portion along extensions of said transverse seam, the gathers at the bottom of said front panel cooperating with said transverse seam to form a shaped double-layer supporting pouch in the front of said garment.

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