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SHAPED SEAMLESS ELASTIC CORSET

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FIG. 1.

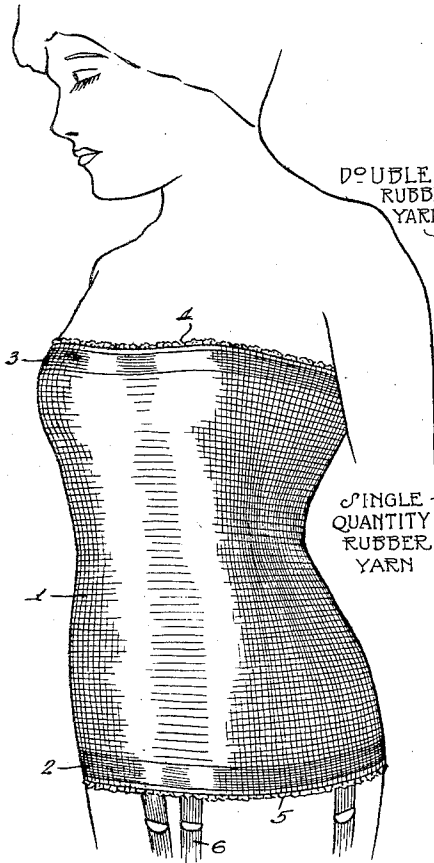
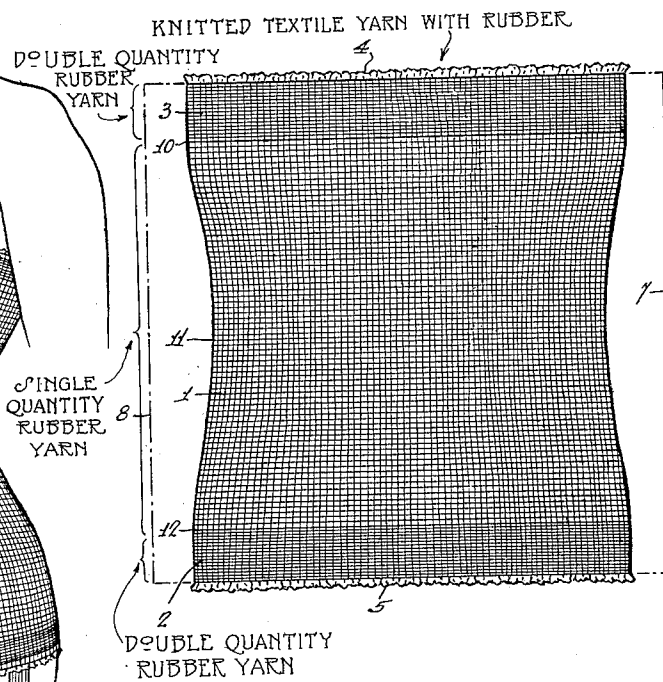


FIG. 2.



WITNESSES
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SHAPED SEAMLESS ELASTIC CORSET.

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This invention relates to an improved shaped seamless elastic corset and has for an object to provide a garment made directly on a round knitting machine and shaped to produce the desired fit by the knitting machine.

Another object of the invention is to provide an improved seamless garment of knit fabric which is round in cross section at all points with the diameter varying substantially from one end to the other.

A further object, more specifically, is to provide a seamless knit corset wherein there is provided an elastic member as one yarn with the elastic member maintained under different tensions at different places along the garment to vary the diameter thereof.

In the accompanying drawing—

Figure 1 is a perspective view of a figure with a corset disclosing an embodiment of the invention applied thereto.

Figure 2 is a side view of the corset shown in Figure 1 with the hose supporters eliminated and with a line indicating the width of the garment before it leaves the knitting machine.

Referring to the accompanying drawing by numerals, 1 indicates what may be called the body of the garment and 2 and 3 the ends or lower and upper sections. Edgings 4 and 5 are provided at the upper and lower edges of the garment, said edgings being a fancy stitching or any desired structure. Associated with the lower band or section 2 are any desired number of hose supporters 6 of any usual or preferred structure.

When a garment is being knit on a round knitting machine, the same conforms in diameter to the lines 7 and 8 but when the garment is removed from the knitting machine, it contracts until it appears as shown in Figure 2. An ordinary circular knitting machine is used and an ordinary stitch of well known structure is used in knitting the garment shown in Figure 2 but in knitting the sections 2 and 3, a double quantity of elastic yarn 9 is used. This yarn 9 is preferably a high grade rubber and the tension on the rubber as well as on the fabric yarn is uniform so that the sections 2 and 3 form a perfect band having the same diameter throughout. From the point 10 to a central point 11, the rubber or elastic yarn 9 is brought under greater and greater tension while the tension of the fabric yarn remains the same. From point 11 to point 12, the

tension of the rubber yarn is gradually reduced. As above mentioned, the knitting is done by an ordinary circular knitting machine which uses the fabric yarns to make the usual loops in the usual manner for providing the various knit courses and the rubber yarn is laid in between certain of these courses. By reason of the varying tension of the rubber yarn, the courses of rubber yarn are of different lengths when relaxed, as indicated in Figure 2, so that a garment having a tapering portion is presented.

When the garment leaves the needles of the knitting machine, it will immediately begin to contract so that when it is finished it will automatically assume the position shown in Figure 2 with the center line 11 of less diameter than the remaining part. In the sections 2 and 3, a double quantity of rubber yarn is used whereas in the body 1, a single quantity is used so that the sections 2 and 3 are slightly more difficult to stretch than the body 1 so that an upper and lower band is provided, one fitting snugly over the hips and the other over the bosom. The reduced or shaped structure of the body causes an extra tension to be brought at the waistline of the person wearing the device so that the person wearing the device will be automatically held in substantially the shape of the garment as illustrated in Figure 2, thus giving a uniform shape to the user.

It is to be noted that the garment is one piece and is without a seam so that it may be readily placed in position by pulling up over the hips until it assumes substantially the position shown in Figure 1. There are no fastening means or any support needed as the rubber yarn forming part of the garment will cause the same to adhere and fit snugly against the body at all points of contact. In fact, if the body has a tendency to be stout or slightly larger than the corset, the corset will have a reducing effect as well as the effect of shaping the body. It will also be noted that the corset is of such a length that the upper border member falls above the bust line and the lower border member falls below the hip line whereby the corset is adapted to be retained in position when in use.

In knitting the garment on a circular knitting machine, one garment is knit as shown in Figure 2 and then a short section of knit goods provided without any elastic, after which, the elastic or rubber yarn is inserted

and a second garment knit. In this way, the different garments are knit in succession one after the other with a short section, as for instance, half an inch section of textile fabric
5 between the respective garments. After a number of garments have been knit, the same may be cut off and provided with the edgings 4 and 5 or other suitable edging and with the hose supporters 6 whereupon the
10 garment is complete and ready for the market.

What I claim is:

A shaped seamless one piece tubular corset
formed of knit material, consisting of a
15 single quantity of fabric yarn and a double

quantity of rubber yarn at each end presenting tubular border members, and a central portion tapering from said border members to a central line formed of fabric yarn and rubber yarn, the rubber yarn being laid in
20 courses of different lengths presenting half the quantity of rubber yarn per given length to that in the borders, the corset being of such a length that the upper border member falls above the bust line and the lower border
25 member falls below the hip line whereby the corset is adapted to be retained in position when in use.

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