

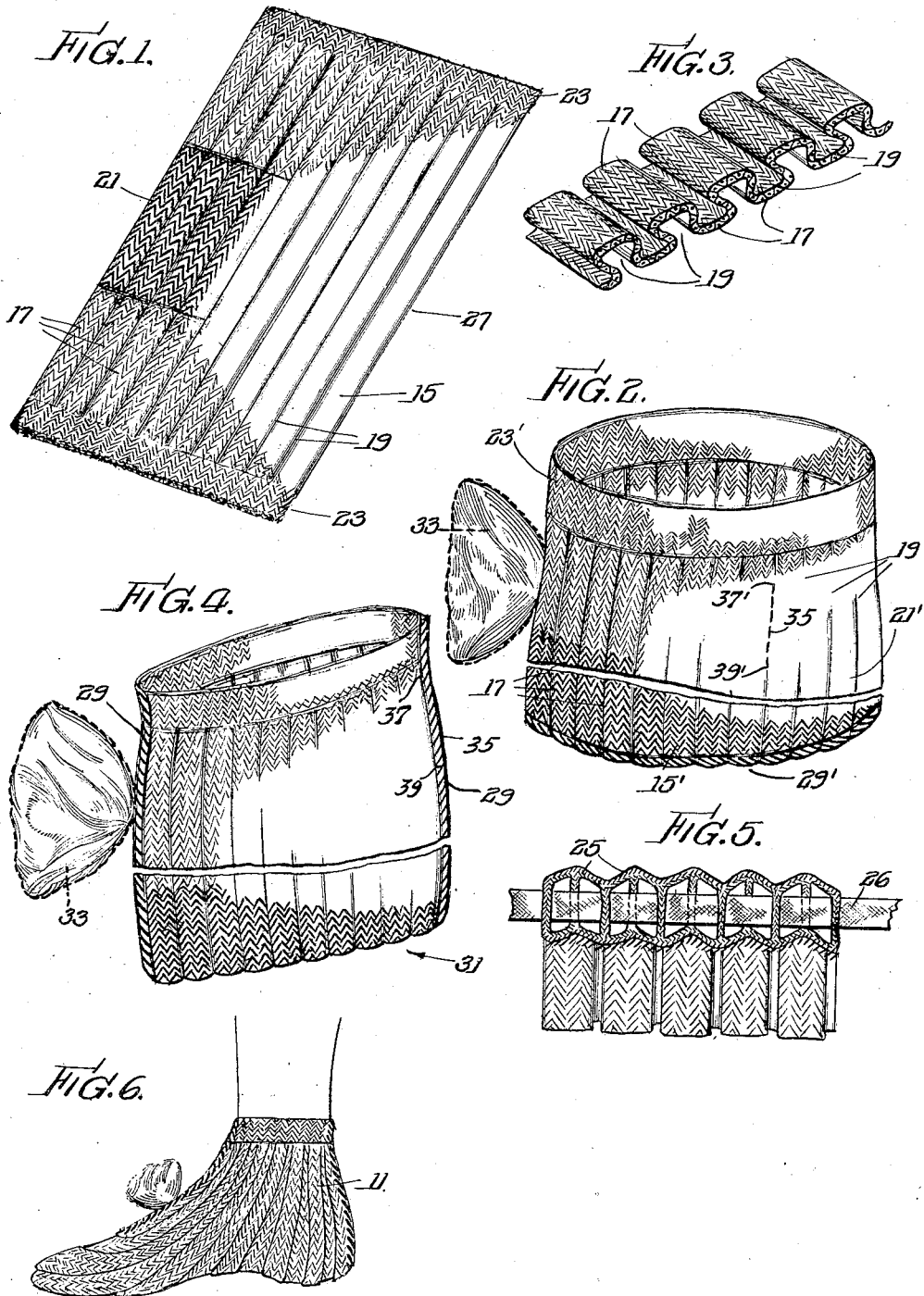
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KNITTED ARTICLE AND METHOD OF MAKING SAME

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UNITED STATES PATENT OFFICE

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KNITTED ARTICLE AND METHOD OF MAKING SAME

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This invention relates to wearing apparel and the object of the invention is to provide an inexpensive yet serviceable, knitted, crocheted or similarly woven article adapted for use as a covering for the hands or feet.

Another important object is to provide a new method of making the woven articles.

Another object is to make knitted or crocheted articles for use as foot or hand coverings, wherein the articles are each formed as a single, uniform, elastic strip of woven material, suitably finished to form an attractive and serviceable foot or hand cover.

Another object is to make a rectangular bag-like knitted article for use as a slipper.

Yet another object of the invention is to make an article of the class described by knitting, crocheting or otherwise forming an expansible rectangular fabric strip either in the form of a strip defined by opposite end edges or a continuous annular strip, and then by seaming an edge or edges of the strip to form a rectangular expansible bag adapted to form a hand or foot covering, such as a slipper, glove or the like.

Numerous other objects and advantages of the invention will be apparent from the following description, which taken in connection with the accompanying drawings, discloses a preferred embodiment of the invention.

Referring to the drawings:

Figure 1 is a perspective view of a rectangular expansible fabric strip, and

Figure 2 is a perspective view of a similar strip formed as a continuous circular or annular piece used in practicing my invention;

Figure 3 is a section taken substantially along the lines 3—3 in Figures 1 and 2;

Figure 4 is a perspective view showing a completed article of manufacture made from the work material of Figure 1 or 2;

Figure 5 is a schematic view showing an alternate mode of finishing the edge defining the opening through which the limb of a wearer extends into the article to form a contractile band adapted to snugly clasp the limb to hold the article in place thereon; and

Figure 6 is a perspective view illustrating the use of the article as a slipper.

To illustrate my invention, I have shown in the drawings, the various steps necessary to produce the ultimate products, which result through the practice of my present invention. These products include a knitted slipper 11, shown in Figure 6 and as the description progresses it will be apparent that the methods and practices of my present invention may be employed in making such other knitted articles as, for instance, mittens. The ultimate product in either case is made by knitting, crocheting or otherwise forming an expansible fabric strip.

In Figure 1, the expansible fabric strip is illustrated as a rectangular flat strip 15 while in Figure 2, the strip is annular.

The fabric is preferably formed by practicing a known knitting or crocheting stitch, which produces an extremely expansible, accordian pleated fabric shown in detail in Figure 3. The fabric is preferably the so-called ribbed type comprising a plurality of projecting bands 17 and intermediate hollows 19, when the same is viewed from either side of the fabric.

This effect may be produced by knitting the so-called "plain stitch" a predetermined number of times in sequence and then knitting the "purl" stitch the same number of times. As shown in Figure 1 of the drawings, the stitch may be employed to form a rectangular strip, while in Figure 2 of the drawings, the strip is shown as an annular piece. In either case, the strip is made straight, by which terms, I mean the strip contains the same number of stitches per row throughout and has no cast-on or cast-off stitches whereby to vary the width of the strip.

It is obvious that such a strip can be easily and quickly made on simple machinery and without adjusting the machine to increase or decrease the number of stitches per row knitted in the final product.

The rectangular strip 15 is provided with a central zone or band 21 comprising a reinforced portion in which the weight of the yarn knitted into the product is substantially increased as by employing a heavier yarn when this section is knitted or crocheted, or by employing double or triple strands.

The annular strip 15' also has a corresponding zone 21' along its lower edge.

The opposed end edges of the strip 15 also are provided with contacting bands 23 which serve to form an anklet or wristlet in the finished product adapted to snugly fit the wrist or ankle of the wearer and retain the finished product in place. This effect may be produced by knitting the zones 23 without periodical reversal of the stitch. In other words by knitting all the stitches forming the zone 23 as "plain stitches."

The upper edge of the annular strip 15' is provided with a similar zone 23'.

In order to form the knitted slipper, illustrated in Figure 6, from the strip shown in Figure 1, it is necessary to fold same about a medial line 27 so that the opposite edges, in which the zones 23 are formed, will be brought into registration. The adjacent side edges are then sewed or otherwise secured together, as at 29, to form a substantially rectangular bag, the neck of which is sufficiently expansible to permit the insertion of the wearer's foot and the body of which is sufficiently expansible to cover the foot of the wearer as indicated in Figure 6.

In the annular strip 15', it is merely necessary to sew the bottom edge, as at 29', in order to make the substantially rectangular bag 31.

In order to finish off the article and provide an attractive appearance, a pom-pom 33 or other suitable decoration may be applied to the bag 31.

In Figure 5 of the drawings, I have illustrated an alternate mode of forming the wrist or ankle clasp zone 23. In this instance, the edge, defining the opening of the bag 31, is provided with a series of loops 25, which may conveniently be formed as crocheted work and these loops are crocheted or otherwise secured to the edge of the article and an elastic band is drawn through the loops.

Other articles also may be made by this process. For instance, a serviceable mitten may be formed from the strip of Figure 1 by merely omitting a part 35 of the stitching along one side near the top of the bag between the points 37 and 39 to form an opening through which the thumb of the wearer may extend out of the mitten. If the mitten is made from an annular strip as shown in Figure 2, it is merely necessary to form an opening or slit in the side of the strip as by dropping stitches along the line 35' between the points 37' and 39' when forming the bag. It should be noted that in forming a mitten, it is not necessary to re-enforce the body of the strip 15 as shown at 21 which is desirable only in the slipper to form a sole. In making the glove, the strip should also be made somewhat narrower and somewhat longer than when making the slipper.

It is thought that the application and numerous of its attendant advantages will be

understood from the foregoing description and it is obvious that numerous changes may be made in the form, construction and arrangement of the several parts without departing from the spirit or scope of the invention or sacrificing any of its attendant advantages, however, the devices herein described being preferred embodiments for the purpose of demonstrating the invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is as follows:

1. A knitted article adapted for wear as a mitten or slipper comprising a strip of crocheted or knitted material having the same number of stitches per row throughout the strip, said strip being formed or folded to provide registering edges and having said edges secured or sewed to form a rectangular bag having an opening, the fabric of said bag being extremely expansible to permit the bag to stretch and conform with and closely clasp the limb on which the article is worn to assist in retaining same in place.

2. A knitted article comprising a strip of crocheted or knitted material having the same number of stitches per knitted row throughout the strip, said strip being formed with registering edges and having said edges secured to form a rectangular bag having an opening and contractile means formed in said opening to snugly clasp a limb on which the article is worn.

3. A knitted article comprising a strip of crocheted or knitted material having the same number of stitches per row throughout the strip, said strip having registering edges stitched together to form a bag, and elastic means formed at the opening of said bag whereby when the same is worn as a mitten or slipper, said means will clasp the limb on which the bag is worn in order to assist in retaining the same in place.

4. The method of making a knitted article for wear, which consists in making a straight strip comprising knitted or crocheted stitches, said strip having a uniform number of stitches per row throughout the extent of the strip, thereafter registering adjacent portions of at least one edge of said strip and stitching same to form an open mouthed rectangular bag of extremely expansible material, the expansibility of the knitted fabric enabling the bag to conform with the shape of the wearer's member on which it is worn.

5. The method of making a knitted article adapted for wear as a slipper which consists in making a knitted or crocheted expansible fabric, re-enforced at a section of said fabric and registering and stitching together edges of said fabric to form a rectangular bag in which the re-enforced portion extends at the bottom of the bag whereby when the same is applied to the foot of the wearer as a slipper,

the re-enforced portion will form the sole of the slipper.

of the wearer's limb, when the wearer's limb is inserted in said opening.

In witness whereof, I have hereunto subscribed my name.

HENRY BELLAK. 70

6. The method of making a knitted article for wear as a mitten or slipper, which consists in knitting or crocheting an expansible fabric, re-enforcing portions of said fabric, registering and stitching together certain edges of the fabric to form a rectangular bag in which the re-enforced portions extend at points of maximum wear when the bag is worn.

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7. A knitted article comprising a cylindrical strip of crocheted or knitted material having the same number of stitches per knitted row throughout the strip, said strip having its edges sewed together at one end of the strip to form a rectangular bag having an opening at the other end of the strip, and contractile means formed in the strip edges defining the opening to snugly clasp the limb on which the article is worn.

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8. A knitted article comprising a flat strip of crocheted or knitted material having the same number of stitches per knitted row throughout the strip, said strip being folded about its medial portion to bring the upper and lower portions of its lateral edges into registration, means to secure said edges together to form a rectangular bag having an opening and contractile means formed in the strip edges defining the opening to snugly clasp the limb on which the article is worn.

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9. A knitted article comprising a strip of crocheted or knitted material having the same number of stitches per knitted row throughout the strip, said strip being formed with registering edges and having said edges secured to form a rectangular bag having an opening and an elastic band formed in said opening to snugly clasp a limb on which the article is worn.

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10. A knitted article comprising a strip of crocheted or knitted material having the same number of stitches per knitted row throughout the strip, said strip being formed with registering edges and having said edges secured to form a rectangular bag having an opening and a rubber band formed in said opening to snugly clasp a limb on which the article is worn.

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11. A knitted article for wear as a mitten or slipper comprising a strip of crocheted or knitted fabric, said strip being folded together to bring adjacent portions of at least one edge into juxtaposition with respect to another edge, means to secure the edge portions together to form a substantially rectangular bag having an opening defined by other edges of said strip, said other edges being formed with contractile elastic means to snugly clasp and thereby retain the article upon the limb of the wearer and cooperating with the remaining portion of the bag to enable said bag to be conformed to the shape

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