

Aug. 2, 1938.

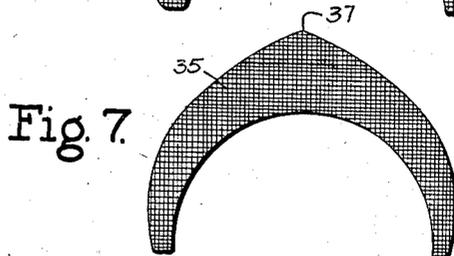
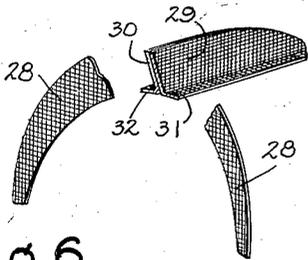
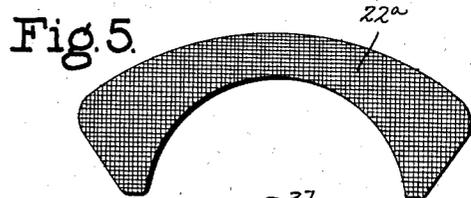
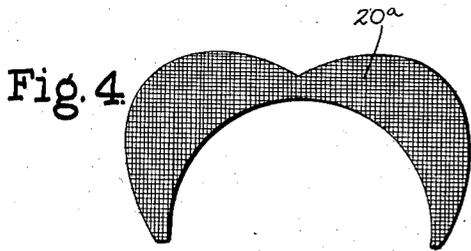
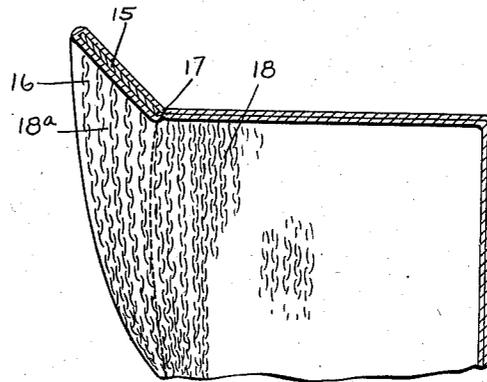
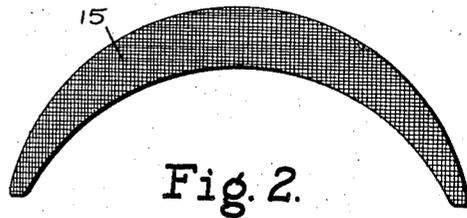
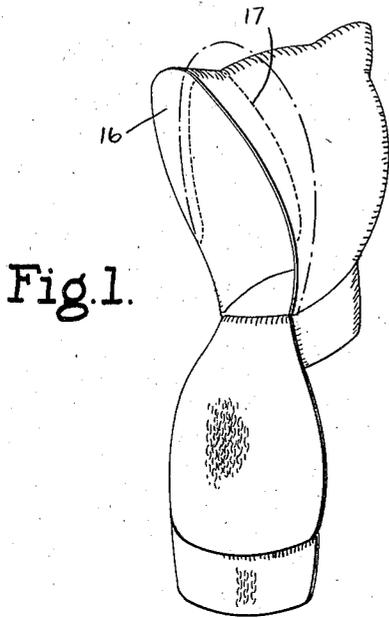
S. ROSENBERG

2,125,739

KNITTED AND REINFORCED HEADGEAR

Filed Jan. 24, 1938

2 Sheets-Sheet 1



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KNITTED AND REINFORCED HEADGEAR

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2 Sheets-Sheet 2

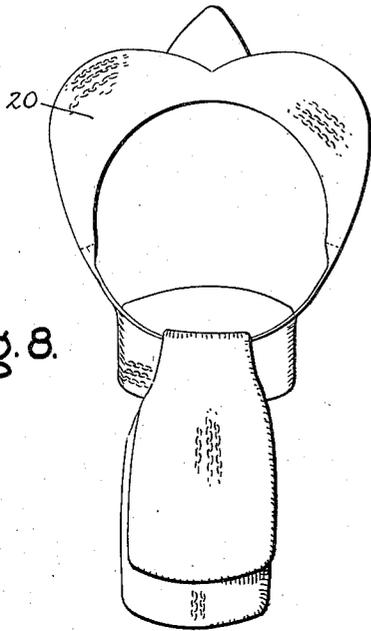


Fig. 8.

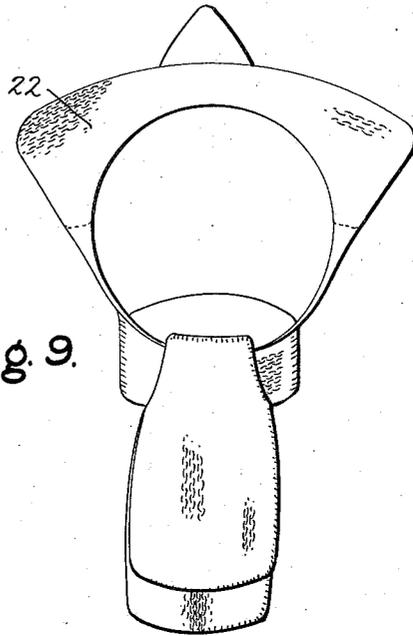


Fig. 9.

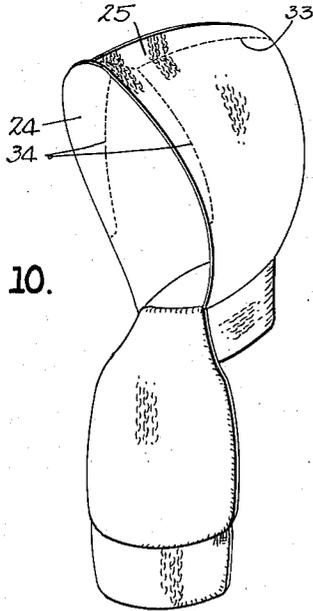


Fig. 10.

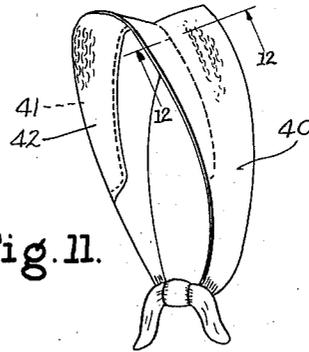


Fig. 11.

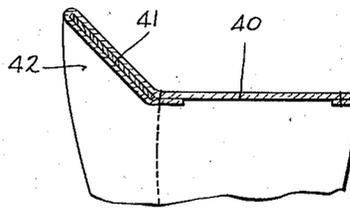


Fig. 12.

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UNITED STATES PATENT OFFICE

2,125,739

KNITTED AND REINFORCED HEADGEAR

Samuel Rosenberg, Milwaukee, Wis., assignor to
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corporation of Wisconsin

Application January 24, 1938, Serial No. 186,603

4 Claims. (Cl. 2—201)

My invention relates to improvements in knitted and reinforced headgear.

Objects of my invention are to provide means whereby a knitted hood, kerchief, or other knitted head covering, used either alone or in combination with a neck muffler, scarf or cape, may be fashioned in a variety of shapes and styles without cutting the knitted fabric, and without requiring special knitting operations for the purpose of shaping the fabric or the purpose of varying the contours to produce different articles.

My invention is peculiarly applicable to the manufacture of knitted vizored hoods, coronas, and the like, for in the manufacture of each of these types of head gear the fabric may, if desired, be knitted as an ordinary tube and then shaped and contoured by a stretching operation, performed by a suitable form maintaining insert, the margins of which are contoured to produce the desired shape of the garment.

In the drawings:

Figure 1 is a perspective view of a vizored hood and neck scarf assembly, with dotted lines indicating an alternative position of the vizor when folded backwardly about a hinge line formed along the base of the vizor.

Figure 2 is a view of the vizor forming insert.

Figure 3 is a fragmentary sectional view drawn to a plane extending from front to rear through the central portion of the hood.

Figures 4, 5, 6 and 7 each illustrate a modified form of insert, the arcuate portion of the insert illustrated in Figure 6 being partially broken away.

Figure 8 is a front elevation of headgear, the knitted portion of which is identical with that shown in Figure 1, but with an insert like that illustrated in Figure 4.

Figure 9 is a similar view, showing headgear provided with an insert like that shown in Figure 5.

Figure 10 is a view similar to Figure 1, with an insert like that shown in Figure 6.

Figure 11 illustrates a head band provided with an insert like that shown in Figure 2.

Figure 12 is a fragmentary sectional view drawn to line 12—12 of Figure 11.

Like parts are identified by the same reference characters throughout the several views.

In the manufacture of headgear illustrated in Figures 1, 8, 9 and 10, I prefer to follow the method described in my former Letters Patent of the United States for a Knitted hood and scarf assembly, No. 2,083,616, dated June 15, 1937, in which the crown portion of the hood is formed

by knitting a tubular blank of the required dimensions, severing the tube into appropriate lengths, and stitching the severed ends to one side margin of a neck band.

In my improved headgear, before thus closing both ends of the crown forming tube, I insert a piece of stiffening and contouring material, preferably cardboard, and apply sufficient pressure to distend the knitted fabric and conform it to the contour desired.

For example, to produce the vizored hood shown in Figure 1, I insert a crescent-shaped piece of cardboard 15 and push it against the side wall of the tube on the front side, to stretch the knitted fabric, and thereby produce the vizor 16 illustrated in Figure 2, after which I stitch the inner and outer walls of the knitted fabric together along the stitching line 17, which follows the base or concave margin of the strip of cardboard 15. The stitching may penetrate the cardboard along this concave margin if desired.

I preferably employ a rib stitched knitted fabric, and the ribs run over the top of the crown from one side of the hood to the other. In the completed fabric, these ribs 18 have their usual proximity along the sides and over the top of the hood except in the vicinity of the vizor, where they progressively separate, as indicated at 18a in Figure 3.

If desired, the knitted fabric may be moistened in the vizor receiving portion before inserting the vizor, and it may then be pressed and dried with a hot iron. When the ends of the tube are stitched to the neck band along one side and the hood extended over a form to the head covering shape indicated in Figure 1, the ends of the insert will be bent downwardly, and the insert will assume the arched form illustrated.

The form of the vizor is determined by the character of the insert. The heart-shaped vizor 20 indicated in Figure 3 may be obtained by using the insert 20a shown in Figure 4. The so-called "cowboy" vizor 22 illustrated in Figure 9 may be obtained by using the insert 22a shown in Figure 5, and the Greek helmet form illustrated in Figure 10, and which has a vizor 24 combined with a rib 25 extending rearwardly from its center, may be obtained by employing the insert assembly shown in Figure 6. This insert assembly includes an arcuate member 28, similar to the insert 15 shown in Figure 2, and a pair of cardboard or fibrous pieces having the vertical flanges 29 and 30 and the horizontal flanges 31 and 32 extended in opposite directions from their associated vertical flanges. I preferably crease, or par-

tially sever, the blanks from which these inserts are made, and then bend the base flanges 31 and 32 outwardly in opposite directions. The vertical flanges 29 and 30 may be glued together, or they may be secured by suitable stitching along the lines 33 and 34, which stitching may also be employed to secure the knitted fabric to the insert.

It will, of course, be understood that the insert 35 shown in Figure 7 may serve as a slight modification of the insert 15 or of the insert 28, whereby to produce the vizor having a central peak, corresponding with the form of the apex 37 in Figure 7.

My invention is applicable to any form of head covering or head band. Its use is not limited to hood and neck band assemblies.

For example, in Figure 11 a single walled knitted headband 40, preferably tapered toward its respective ends, has its forward margin stretched and folded upon itself about a vizor forming insert 41 to provide the head band with a vizor 42. This form of headgear will ordinarily be used in the summertime or for eyeshade purposes, and the band proper may therefore be loosely knitted or knitted in an open stitch, easily stretched to cover both sides of the insert, whereas in the hooded forms shown in the other views, the hoods are formed from knitted tubes, flattened and folded as above described, and as described in greater detail in my aforesaid former patent. These hoods are therefore double walled and adapted for winter use.

My purpose in illustrating various forms in which my invention may be embodied is to show that the particular form and shape of the insert is determinative of the contour, and therefore that my invention is adapted to be embodied in head coverings having a great variety of contours, determined in each instance by a mere change in the form of the insert and corresponding changes, where necessary, in the location of the stitching lines. Also, it is not essential to these variations in contour that there should be any variation in the knitted blank utilized to form the head covering, although, as plainly indicated in Figures 11 and 12, such variations may be made without departing from the scope of the invention herein claimed.

I claim:

1. A doubled walled rib stitched knitted head covering having the ribs extending over the crown and down the sides, and provided with an insert of relatively stiff form maintaining material enclosed between said walls along the forward margin of the upper portion of the covering, and secured to said walls in tensioning relation thereto, said walls being uncut, seamless and continuously knitted above their lower margins.

2. A double walled knitted head having rib stitches running across the crown and down the respective sides, in combination with a vizor forming insert located between the walls in the upper and forward portion of the hood, and secured thereto in a position to maintain the associated portions of the walls under tension sufficient to keep the vizor ribs more widely spaced from each other than in other portions of the hood, the walls of the hood being integrally connected throughout and free from severed threads above the lower margin.

3. A double walled hood formed of a knitted tube, folded upon itself, in combination with a neck band to which the ends of the tube are secured, and an insert of relatively stiff material applied in tensioning relation to portions of the top of the hood crown to project the same, said insert being secured to the walls of the hood and thereby maintained in fixed relation to the tensioned portions, the inner and outer walls of the hood being continuous and unsevered at any point above the neck band.

4. A knitted head covering, comprising the combination of a severed section of a continuously knitted seamless tube, said section being folded upon itself midway of its ends, a folded neck band having its sides connected to the respective ends of said section, stitching connecting the walls of said section at the rear, and a form maintaining upwardly and forwardly extending insert stitched between the inner and outer walls in a position across the line of fold in tensioning relation to those portions of the walls which embrace the insert, said folded section constituting a double walled seamless hood having a peak, the shape of which is determined by the insert and the degree of tension applied by it to the enclosing portions of the knitted material.

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