

June 30, 1931.

S. E. WEINER

1,812,420

CAP

Filed Feb. 12, 1930

Fig. 1.

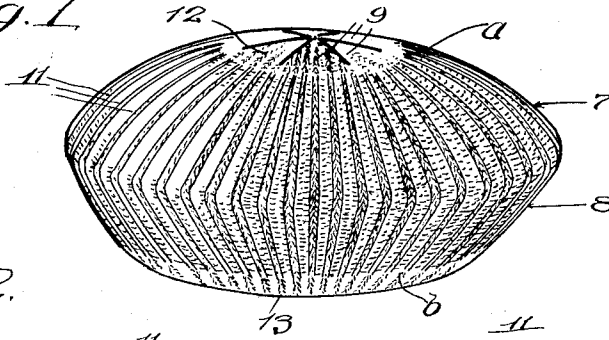


Fig. 2.

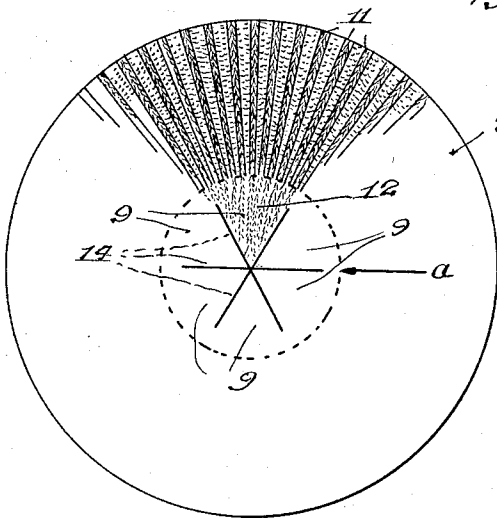


Fig. 3.

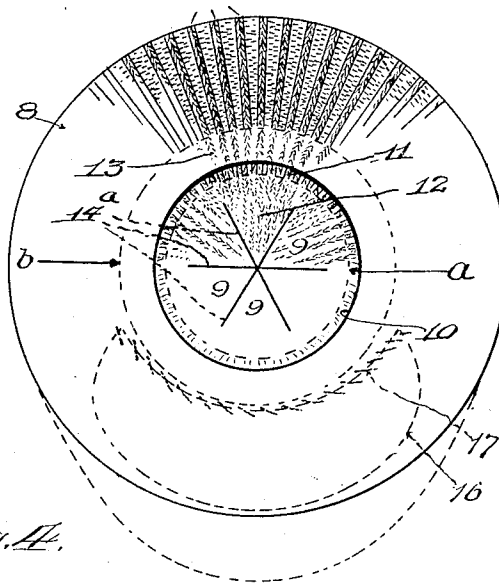


Fig. 4.

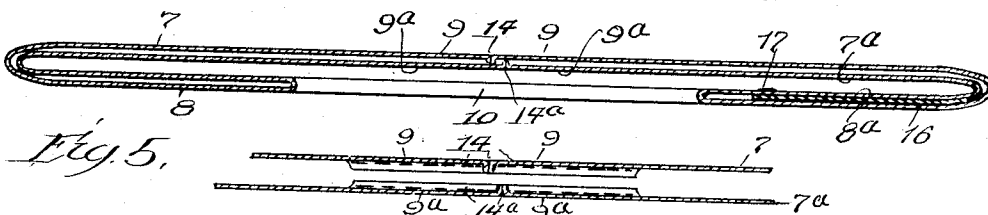


Fig. 5.

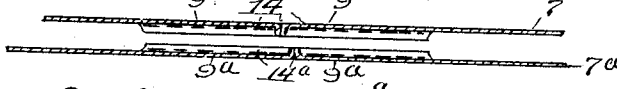
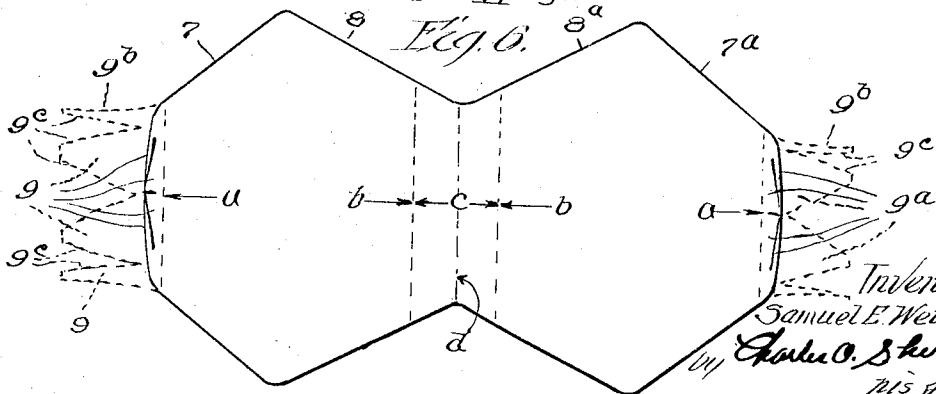


Fig. 6.



Inventor:
Samuel E. Weiner,
by Charles O. Shewey,
his atty

UNITED STATES PATENT OFFICE

SAMUEL E. WEINER, OF CHICAGO, ILLINOIS, ASSIGNOR TO HERMAN H. NEWBERGER, OF CHICAGO, ILLINOIS

CAP

Application filed February 12, 1930. Serial No. 427,703.

This invention relates to caps, and more particularly to caps composed entirely of knitted material. One of the objects of the present invention is to provide a novel cap
5 formed of one piece of knitted material. Another object is to provide a knitted cap which is reversible and may be worn with either side out.

Another object is to provide a knitted cap, in which a two tone color effect is obtained but not as to color. Another object is to provide a cap formed of knitted ribbed material in which the ribs run radially, thereby imparting a very artistic and attractive appearance to the cap.
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Another object is to provide a knitted cap in which a two tone color effect is obtained with the stitches, thereby adding to the attractiveness of the cap. Another object is to provide a knitted cap in which the middle of the crown portion is formed of rib stitches cut and sewed together in such manner as to provide a flat crown. Another object is to provide a knitted cap in which all seams
20 and rough edges are invisible.

With these and other objects and advantages in view, this invention consists in the several novel features hereinafter fully set forth and claimed.

This invention is clearly illustrated in the drawings accompanying this specification in which—

Figure 1 is a perspective view of a cap embodying a simple form of the present invention and showing the same extended for use;
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Fig. 2 is a plan of the cap showing the same laid out flat;

Fig. 3 is a view of the cap looking from below and showing the same laid out flat;

Fig. 4 is an enlarged central vertical cross section taken through the cap;
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Fig. 5 is a detail fragmental vertical cross section taken through the crown portion of the cap; and

Fig. 6 is a diagrammatic view illustrating the cap drawn out from end to end.
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The drawings are not intended as mechanical drawings of the article, but are rather schematic for the purpose of more clearly illustrating the invention. For the purpose of
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illustration only, the width of the stitches is exaggerated, as in actual practice they are made somewhat narrower.

Referring to said drawings, the reference character 7 designates the upper crown portion of the cap and 8 designates the lower crown portion thereof. The middle part of the upper crown portion is composed of a plurality of sector-like portions 9, the edges of which are sewed together to close the middle of the crown. The lower crown portion 8 contains a circular opening 10 for the head of the wearer, and the material around said opening may stretch readily to enable the cap to be placed upon the head. When laid out flat, the cap assumes a flat circular shape as best seen in Figs. 2 and 3.
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The cap is composed of knitted ribbed material of which the major portion of the crown is formed of the cardigan stitch, the ribs formed by the stitches running in radiating lines, as shown at 11 in Figs. 2 and 3. With the use of two contrasting colors of yarn, one color will appear in the ribs and a different color will appear in the stitches intermediate the ribs, thereby giving a highly attractive and ornamental appearance to the cap.
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The cardigan stitches extend between the dotted lines *a* and *b* (see Figs. 2, 3 and 6) running to the margin of the cap on the upper crown portion and back on the lower crown portion. Beyond the ends of the cardigan stitches, the middle part of the upper crown portion is formed of rib stitches, as indicated at 12 in Fig. 2, and beyond the ends of the cardigan stitches on the lower crown portion, the part of the cap adjacent the opening 10 is formed of rib stitches, as indicated at 13.
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The cap is formed of double thickness (see Figs. 4 and 6) and in the manufacture thereof, it is knitted in tubular form from end to end having the general appearance seen in Fig. 6 which shows the cap drawn out from end to end, and in this view, the inner crown members of the cap which correspond with the outer crown members thereof are seen at 7^a, 8^a and 9^a. In the completed cap, the inner crown members 7^a, 8^a and 9^a are inserted into the outer crown members 7, 8 and 9 and
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placed contiguous with said members, and when thus arranged the margin of the opening 10 of the cap is formed by the line of fold of the material along the dotted line *d* (see Fig. 6). The spaces between the dotted lines *a*, and *b* (Fig. 6) are the crown portions of the cap which are made of the cardigan stitches, the parts thereof beyond the dotted lines *a* are parts which are formed of the rib stitches and the part *c* between the dotted lines *b*, *b* is also formed of the rib stitches. This latter part forms the edge portions around the opening 10.

In manufacturing the cap, the material is first knitted into tubular form, and when so knitted, the parts which form the middle parts of the outer and inner crown portions are in tubular form as indicated by the dotted lines 9^b in Fig. 6. These tubular parts 9^b are then cut along the oblique lines 9^c to leave the sector shaped portions 9, the edges of which are sewed together, as at 14 and 14^a, to form the flat circular middle parts of the outer and inner crown portions, as seen in Figs. 2 and 3. In order that the rough edges and seams will not be visible in the completed cap, all of the seams at both ends of the tubular article with the exception of one seam are made on the wrong side of the article, after which the material is passed through the opening left by the unseamed edges and said edges closed from the outside. After the seams have been made, the material of the cap is doubled upon itself on the line *d* and one half tucked into the other, whereupon the inner and outer sides assume the condition illustrated in Fig. 4.

It will be observed from an inspection of Figs. 2, 3 and 4 that the cap will assume a flat condition when laid out and that the rows of cardigan stitches radiate from the rib stitches present ribs that to the outer margin of the cap, and that when the cap is stretched to go over the head of the wearer, the radiating rib effect is still preserved. It is also to be observed that because of the fact that the entire cap is knitted in tubular form with one part inserted into the other, the cap is reversible and may be used with either side exposed.

The two tone color effect obtained with the radiating cardigan stitches enhance the beauty of the cap and add to its attractiveness. Being made of knitted material, the cap retains its shape very well, although it is very elastic and may be worn with great comfort.

As an additional improvement, an insert formed of card-board or other relatively stiff material 16 of crescent shape may be placed between the folds of the material, as shown in Figs. 3 and 4, and fastened thereto by a row of stitches 17, thus providing a visor for the cap. When worn, the stiff insert distends the material of the crown contiguous with

the insert, thereby providing a visor-like effect. With this addition, the cap will be found very serviceable by men and boys. One size of cap is sufficient as it will fit substantially all head sizes.

I claim as new, and desire to secure by Letters Patent:

1. A cap composed of knitted tubular material, the end sections of which are composed of rib stitches and in the form of sector-like portions, the edges of which are united by stitches, the middle section of said tubular material being composed of rib stitches and the sections between the middle section and end sections being composed of cardigan stitches, said tubular material being doubled upon itself midway between its ends whereby a central opening is provided from which run inner and outer rib stitch sections followed by inner and outer cardigan stitch sections which terminate in the middle of the cap in inner and outer rib stitch sections.

2. A cap composed of knitted tubular material of gradually increasing diameter from a place midway between its ends and from places adjacent the ends thereof, the end sections of which are composed of rib stitches and in the form of sector-like portions, the edges of which are united by stitches, the middle section of said tubular material being composed of rib stitches and the sections between the middle section and end sections being composed of cardigan stitches, said tubular material being doubled upon itself midway between its ends whereby a central opening is provided from which run inner and outer rib stitch sections followed by inner and outer cardigan stitch sections which terminate in the middle of the cap in inner and outer rib stitch sections.

SAMUEL E. WEINER.