C. KORNFELD.

CAP.

APPLICATION FILED FEB. 28, 1920.

1,350,869. Patented Aug. 24, 1920.

FIG 1

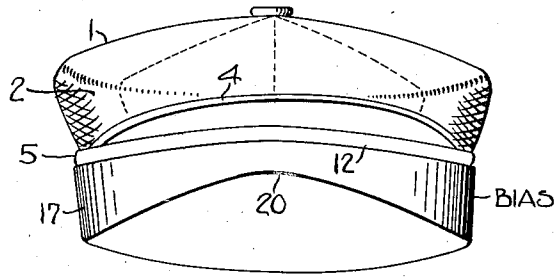
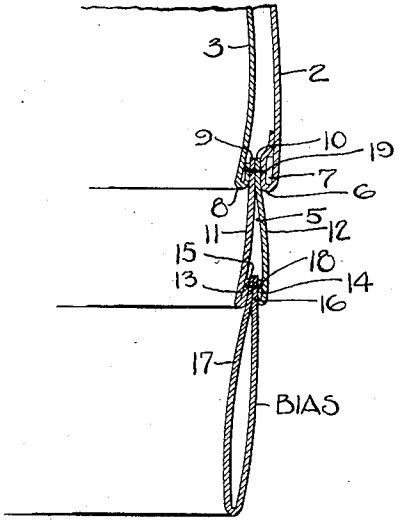


FIG 2



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CHARLES KORNFELD, OF NEW YORK, N. Y.

CAP.

1,350,869. Specification of Letters Patent. Patented Aug. 24, 1920.

Original application filed March 13, 1919, Serial No. 282 391. Divided and this application filed February 28, 1920. Serial No. 362,061.

To all whom it may concern:

Be it known that I, CHARLES KORNFELD, of Richmond Hill, county of Queens, city of New York, State of New York, have made Improvements in Caps, of which the following is a specification.

The invention relates to caps, and more especially to caps with a head and ear protector, which is adapted to be folded or otherwise placed within the cap or to be drawn down about the head and ears, and to a method of making such caps.

Objects and advantages of the invention will be set forth in part hereinafter, and in part will be obvious herefrom, or may be learned through use of the invention; the same being realized and attained through the means and combinations pointed out in the appended claims.

The invention consists in the novel steps, methods, parts, arrangements, constructions, combinations and improvements herein shown and described.

This case is a division of my copending application Ser. No. 282,391, filed March 13, 1919.

The accompanying drawings, herein referred to and constituting a part hereof, illustrate one embodiment of the invention, and together with the description serve to explain the principles of the invention.

Of the drawings:—

Figure 1 is a front elevation of a cap constructed in accordance with the principles of the invention; and

Fig. 2 is an enlarged section, partly diagrammatical, and with certain proportions greatly exaggerated, taken through the lower part of the edge of the cap, the hinge, and through the protector.

Referring in detail to the accompanying drawings, illustrating by way of example the present preferred embodiment of the invention, and method of construction, the cap body is indicated by 1. The cap in its general structure and features is of the kind commonly worn for out-door sports, such as golfing, motoring, etc.

The cap body consists of the outer material 2, which is chosen both for a suitable material for wearing and also for appearance or decorative effect. Within the cap body is provided a lining 3, fitting within the main material of the cap body. At the front the cap is provided with a vizor 4, which may be of usual construction and conformation.

The cap proper and the protector are connected together by an intervening member 5, conveniently styled the hinge, which is of such material and construction as will permit the protector to fold up neatly and closely within the cap when not in use. In accordance with one feature of the invention, the cap, the hinge and the protector are cut, connected and sewed together in such manner as to leave no visible or external seams, and so as to provide a neat, thin and flat fold at the hinge when the protector is out of use and within the cap.

Referring particularly to Fig. 2, the lower part 6 of the exterior cap material 2 is turned back on itself inwardly of the cap structure, and if desired, it may be so folded or turned back over a filler strip 7. The lower part 8 of the lining 3 is likewise turned back on itself inwardly of the cap structure to face the inwardly turned part 6 of the outer material 2.

Interposed between these turned-back portions 6 and 8 of the outer cap material and lining are interposed the top ends 9 and 10 of the two plies 11 and 12 of the hinge material, as I prefer at present to employ a hinge of two plies.

The stitching or sewing is made through the inner folds 6 of the outer cap material, the tops 9 and 10 of the hinge materials or plies 11 and 12, and through the inner fold 8 of the lining 3, the preferred sequence of the sewing operation being described hereinafter. Thus, when the lining is positioned within the cap, the sewing is entirely inclosed and concealed. The plies 11 and 12 of the hinge material are folded or turned inwardly toward each other at their lower ends 13 and 14. Interposed between these turned-inwardly edges 13 and 14 are the top edges 15 and 16 of the protector material which has been folded upon itself as shown at the bottom of Fig. 2.

In the preferred method of sewing the cap together the inwardly turned bottom edges 13 and 14 of the two hinge plies and the interposed top edges 15 and 16 of the folded-over protector 17 are first sewn together, through and through, as shown at 18 in Fig. 2. Then the top ends 9 and 10 of the two hinge plies 11 and 12 are brought between the inwardly turned edges 7 and 8

of the external cap material and cap lining, respectively, and these are all sewn together as shown at 19, and then the inner edge of the cap material is fastened to its own material, and the lining is then fastened in the cap. All the seams will be on the inside, they will be few in number and will lie thin and flat. The concealment of all the seams and the thin, flat-folding hinge are points of great value in a smart cap and also represent simplicity and speed of manufacture, and strength and neatness of design and construction.

In accordance with one feature of the invention, the protector is formed or cut continuous at the front, that is, entirely about the edge of the cap, and entirely about the wearer's head, as shown at 20 in Fig. 1, the protector material being carried all the way around the head, and being attached to the hinge 12 at the front as well as at the sides and back of the head, the material of the protector being carefully shaped to fit the forehead and about the head. Thus, the cold air is prevented from entering at the forehead of the wearer, that is, at the front of the cap. Also the cap is caused to fit the head so closely that it will resist the tendency of a strong wind to blow it off the wearer's head.

In accordance with one feature of the invention, the material for the protector 17 is cut on the bias, so that it will be yielding or resilient in all directions and thus closely fit or hug the head all around. In case of patterned external material 2 this also adds to the decorative effect of the cap. The protector 17 in all respects, and especially along its lower edge, is cut to closely fit the wearer's head and neck, which together with the yielding, resilient bias-cut material, makes an exceedingly warm and close fitting cap, which is firmly held on the head without causing unpleasant and uncomfortable pressure on the head. This feature of the fitted and bias-cut material and the continuation and fitting of the protector material across the wearer's forehead, together with the hinge extending all the way around the cap and flexibly supporting the protector all the way around, contribute and cooperate together to produce the warmth, comfort and close fitting of the cap without undue pressure as already described, as well as enhancing its smart appearance and serviceability.

It will be understood that changes may be made in the details of the described and illustrated embodiment within the scope of the accompanying claims without departing from the principles of the invention and without sacrificing its chief advantages.

What I claim is:—

1. A cap comprising in combination a cap body, a double-ply hinge band attached thereto by a hidden seam, the lower edges of the hinge being turned in, and a bias cut head protector formed by the folded fabric with a closed flap at the bottom and having both top edges of the folds thereof sewed to the turned-in bottom edges of the hinge band so that the seam is hidden within the plies of the hinge band.

2. A cap comprising in combination a double ply cap body, a double ply hinge band extending about the cap body, and a head protector folded back on itself from the bottom, having no seam at the bottom, and having both top edges of the folded back material sewed to turned-in bottom edges of the hinge band so that the seam is within the plies of the hinge band, the top edges of the hinge band being sewed to turned-in edges of the two plies of cap material so that the seam is within the edges of the cap material.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

CHARLES KORNFELD.

Witnesses:
CHAS. FURMAN,
CHARLES ZIMMER.