Aug. 12, 1947. L. LESSER 2,425,701

PROTECTIVE COVERING

Filed March 1, 1946

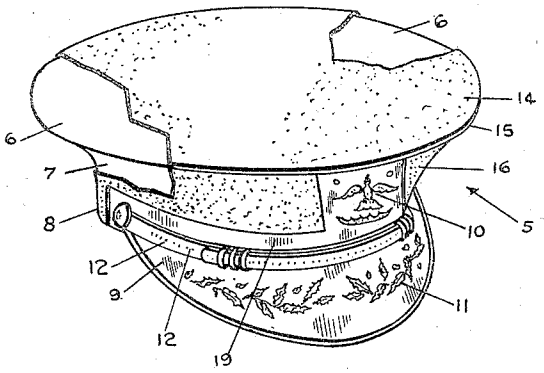


Fig. 1

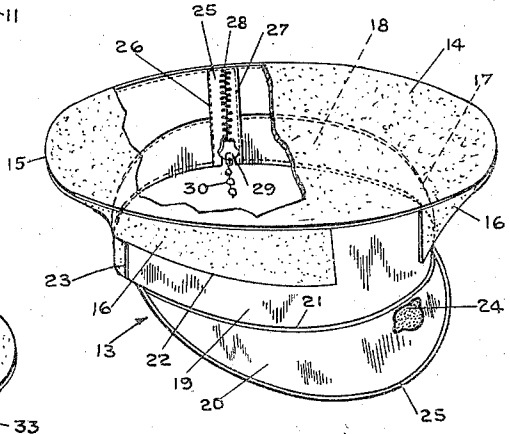


Fig. 2

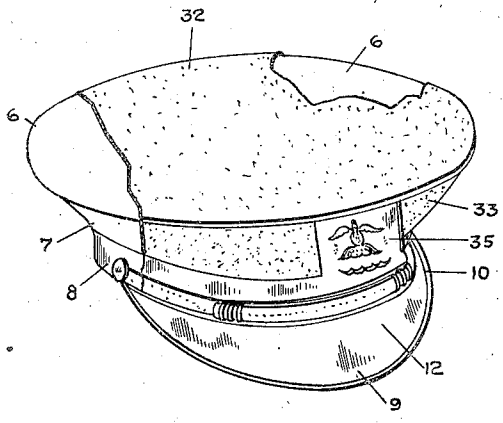


Fig. 3

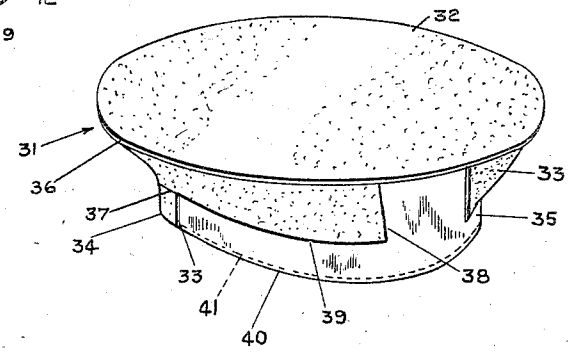


Fig. 4

INVENTOR.

LAWRENCE LESSER.

BY

Albert M. Galkind

ATTORNEY

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PROTECTIVE COVERING

Lawrence Lesser, New Rochelle, N. Y., assignor to L. Lesser & Co., a partnership

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8 Claims. (Cl. 2—187)

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This invention relates to covers employed in connection with caps or other head coverings, and relates more particularly to water-resistant protective covering devices comprising a plurality of panels of water-resistant materials, one or more of which is formed of a flexible, transparent or semi-transparent sheet material.

An object of this invention is the provision of means in the form of a suitable cover whereby a cap or other head covering which does not normally possess any marked resistance to penetration by water may be protected from the adverse effects of rain, snow, sleet and other harmful agencies having an injurious effect thereon.

Another object of this invention is to provide a protective cover for a cap or other head covering which protective cover will be light, flexible, neat and close-fitting.

Yet another object of this invention is to provide a protective cover for a cap or other head covering which may be placed on said cap or other head covering, or removed therefrom, quickly and conveniently.

A further and important object of this invention is the provision of a protective covering from a cap or other head covering including one or more transparent or semi-transparent panels whereby insignia or other devices of rank, and the like, on said cap or other head covering will be clearly visible at all times.

Other objects of this invention will appear hereinafter from the following detailed description and the accompanying drawing.

In the drawing,

Fig. 1 is a view in perspective of a uniform cap carrying an insigne on both the body and visor thereof and provided with the novel protective covering of my invention, the latter being partly broken away,

Fig. 2 is a perspective view, partly broken away, of the protective covering shown on said uniform cap in Fig. 1,

Fig. 3 comprises a view, in perspective, of another embodiment of the protective covering of my invention in position on a uniform cap which carries an insigne on the body thereof only, and

Fig. 4 is a perspective view of the protective covering shown in Fig. 3.

Like reference numerals indicate like parts throughout the several views of the drawing.

Referring now to the drawing, and more particularly to Figs. 1 and 2, there is shown a uniform cap with a protective covering thereon, the combination being generally indicated by reference numeral 5. The uniform cap which is provided with the protective covering is of the usual construction and comprises in its several parts a crown 6, side panels 7, a head band portion 8 and a visor 9. Suitably attached to the front portion thereof is an insigne 10, which together with the leaf pattern 11 decorating the visor 9, serves to indicate in part both rank and service branch. The crown 6, side panels 7 and the head band portion 8 are usually formed of fabric stitched together and stretched over a frame (not shown) which provides the proper shape for said uniform cap. Visor 9 is suitably attached to the frame beneath head band portion 8. To maintain the cap on the head of the wearer in gusty weather, the latter is provided with a pair of looped straps 12 which may be drawn apart and placed beneath the chin of the wearer where they serve to hold the uniform cap in place.

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When worn in snowy, rainy or sleety weather, the fabric portions of the uniform cap are easily wetted and if sufficient moisture is absorbed the basic structure of the cap may be permanently warped out of shape. Some form of protection is, therefore, necessary. Merely covering the uniform cap in some manner with a water-resistant fabric is quite unsatisfactory, however, since the usual form of covering, although offering a measure of protection against the elements, entirely hides the insignia of rank and service. Under such circumstances, certain difficulties may arise since other means of identification may not be readily visible.

To eliminate such difficulties while at the same time affording the necessary measure of protection, I have provided a novel and improved cap covering. The novel and improved protective cap covering of my invention is shown in fitted position on the uniform cap in Fig. 1, while in Fig. 2 said cap covering is shown alone so that the details of construction and the combination of parts are more clearly discernible.

Referring now to Fig. 2, said protective cap covering, generally indicated by reference numeral 13, comprises a circular crown portion 14 formed of an opaque, water-resistant fabric attached by means of stitching along a line 15 to inwardly-sloping fabric side panels 16 of the same material, which in turn, are suitably stitched along the lower portions thereof on a line 17 to a semi-circular fabric band 18 extending over about half the lower circumference of the covering. Set into the front portion of my novel protective cap covering is an additional panel 19 having a pocket-like section 20 attached thereto by a stitched seam 21. Both panel 19 and the outside of the

pocket section 20 are formed of a suitable transparent or semi-transparent sheet material. Panel 19 is stitched to panels 16 and band 18 by seams 22 and 23 respectively. The lower part or surface of pocket section 20 comprises a fabric panel 24 stitched to the outside edge of the sheet material forming the upper surface along a seam 25. This construction leaves the opposite edge of lower panel 24 free whereby the pocket section 20 may accommodate and protect the visor 9 of the cap upon which the protective covering is placed.

To render the fitting and removal of protective cap covering 13 more convenient, the latter is provided with a placket 25' at the rear thereof which divides panel 16 and band 18 into sections, said placket being stitched thereto by seams 26 and 27. Placket 25' contains a separable slide fastener 28 provided with a stringer 29 which carries a pull 30 attached thereto. By drawing stringer 29 upward, the slide fastener 28 may be separated allowing panel 16 and band 18 to be spread apart. With panel 16 and band 18 apart, protective cap covering 13 may be slipped over the uniform cap quickly and easily with visor 9 fitting closely into pocket 20. After protective cap covering 13 is in position on the uniform cap, stringer 29 is drawn downwardly to bring slide fastener 28 together, thus causing cap covering 13 to be fitted snugly and securely on said uniform cap. An ample measure of protection is provided yet the insignia are plainly visible at all times. Removal merely requires separating the slide fastener 28 by drawing stringer 29 upward whereupon the cap covering 13 is easily slipped off the uniform cap.

Another embodiment of the novel protective cap covering of my invention is shown in Fig. 3 in fitted position on a uniform cap, the details of which covering are shown more clearly in Fig. 4. Referring now to Fig. 4, said embodiment is generally indicated by reference numeral 31 and comprises in its several parts a fabric crown portion 32, fabric side panels 33, a fabric head band section 34 and a front panel 35 of a suitable transparent or semi-transparent sheet material. Crown 32 is stitched to side panels 33 along a seam 36, with panels 33 being attached to the head band section 34 by a seam 37. Front panel 35 is stitched to crown 32 on seam 36 also, the side portions of said panel being attached to panels 33 by seams 38 and 39. The lower edge 40 of front panel 35 is turned under and reinforced by stitching 41. A slide fastener (not shown) is also provided at the rear of the protective cap covering 31 to enable it to be placed on the uniform cap, as well as removed therefrom, quickly and conveniently. This embodiment of my invention is particularly designed for the protection of uniform caps which do not have a visor insigne or other form of decoration thereon requiring some protection from the elements, as clearly shown in Fig. 3.

In forming the transparent or semi-transparent front panels of the protective cap coverings of my invention, I may employ any suitable sheet material adapted to be sewn and having the desired transparency and water-resistant qualities. Thus, for example, said sheet materials may have a basis of polymerized vinyl chloride, polymerized vinyl acetate, copolymers of vinyl chloride and vinyl acetate, polymerized vinylidene chloride, a synthetic linear condensation product such as polyhexamethylene adipamide, a cellulose derivative such as plasticized cellulose acetate or ethyl cellulose, or a polymerized methacrylic acid ester such as poly-methylmethacrylate. Preferably, however, I employ sheet materials having a basis of a polymerized vinyl compound or compounds due to their excellent flexibility, strength, inherent elasticity and their chemical stability.

The fabric employed in forming the several fabric portions of the protective cap covering may comprise any suitable textile material treated so as to be resistant to wetting and penetration by water. These qualities may be imparted to the fabric by treating the latter with a solution or emulsion of the aluminum soap of a long chain fatty acid or with a quaternary ammonium salt containing a long chain aliphatic group. Such treatment renders the fabric highly resistant to wetting and any water coming in contact therewith merely rolls off the surface.

It is to be understood that the foregoing detailed description is given merely by way of illustration and that many variations may be made therein without departing from the spirit of my invention.

Having described my invention, what I desire to secure by Letters Patent is:

1. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a plurality of dependent fabric panels defining the sides and rear of said shaped structure, a front panel having a basis of a flexible, water-resistant transparent sheet material, and closure means cooperating with and dividing said dependent panels.

2. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a plurality of dependent fabric panels defining the sides and rear of said shaped structure, a front panel partly attached to each of said aforementioned panels having a basis of a flexible, water-resistant transparent sheet material, and closure means cooperating with and dividing said dependent panels.

3. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a pair of fabric side panels, a pair of panels dependent from said side panels defining the rear of the lowermost circumference of said covering device, a front panel having a basis of a flexible, water-resistant transparent sheet material, and closure means cooperating with and dividing said side panels, and the rear panels dependent therefrom, at a rear median line.

4. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a pair of fabric side panels, a pair of panels dependent from said side panels defining the rear of the lowermost circumference of said covering device, a front panel partly attached to each of said aforementioned panels having a basis of a flexible, water-resistant transparent sheet material, and closure means cooperating with and dividing said side panels, and the panels dependent therefrom, at a rear median line.

5. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a pair of fabric side panels, a pair of panels dependent from said side panels defining the rear of the lowermost circumference

of said covering device, a front panel partly attached to each of said aforementioned panels having a basis of a flexible, water-resistant transparent sheet material and defining the remainder of the lowermost circumference, and closure means cooperating with and dividing said side panels, and the panels dependent therefrom, at a rear median line.

6. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a plurality of dependent fabric panels defining the sides and rear of said shaped structure, a front panel having a basis of a flexible, water-resistant transparent sheet material, a pocket dependent from said front panel, and closure means cooperating with and dividing said dependent panels.

7. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a plurality of dependent fabric panels defining the sides and rear of said shaped structure, a front panel partly attached to each of said aforementioned panels having a basis of a flexible, water-resistant transparent sheet material, a pocket formed in part of said transparent sheet material dependent from a free edge of said front panel, and closure means cooperating with and dividing said dependent panels.

8. In a protective cap covering device comprising a plurality of panels associated together to form a shaped structure, the combination of a top fabric panel with a pair of fabric side panels, a pair of panels dependent from said side panels defining the rear of the lowermost circumference of said covering device, a front panel partly attached to each of said aforementioned panels having a basis of a flexible, water-resistant transparent sheet material and defining the remainder of the lowermost circumference, a pocket formed in part of said transparent sheet material dependent from a free edge of said front panel, and closure means cooperating with and dividing said side panels, and the panels dependent therefrom, at a rear median line.

LAWRENCE LESSER.

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