Nov. 29, 1938. O. BLODJER 2,138,086

EXTENSION VISOR FOR SKI CAPS

Filed April 13, 1938

Fig. 2

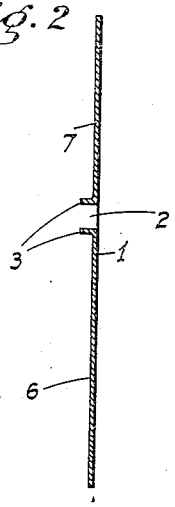


Fig. 1

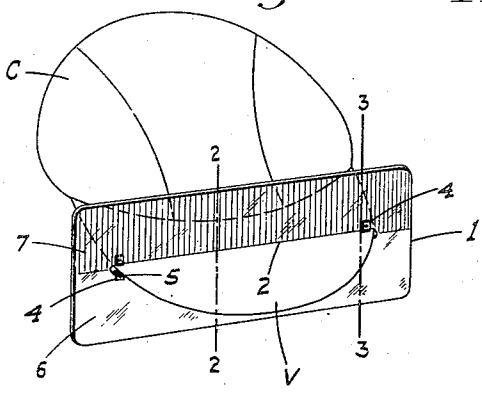


Fig. 3

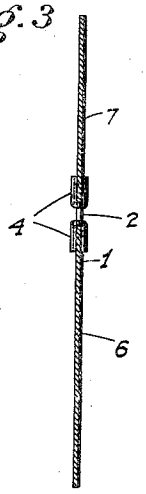


Fig. 4

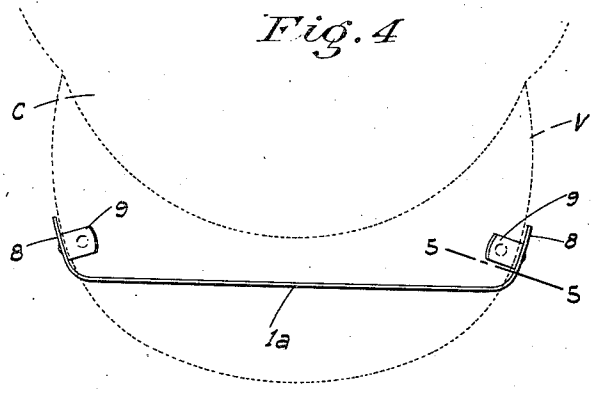


Fig. 5

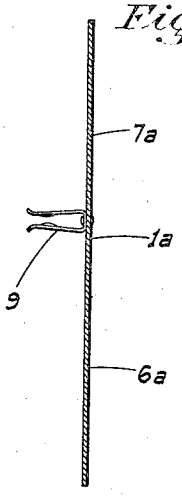


Fig. 7

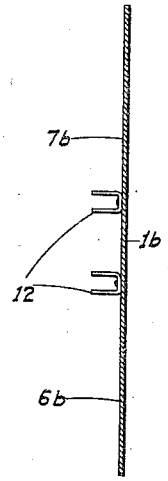
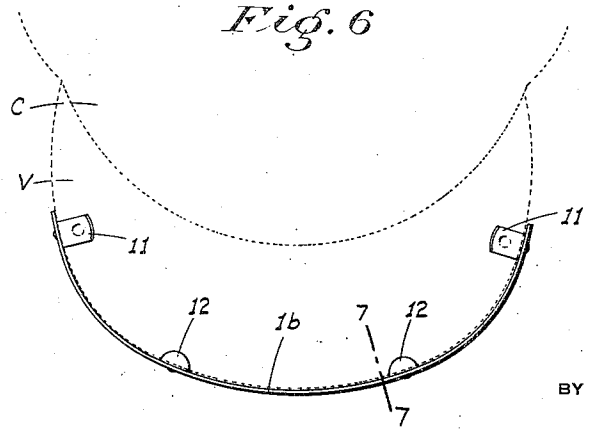


Fig. 6



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EXTENSION VISOR FOR SKI CAPS

Olav Blodjer, Stockton, Calif.

Application April 13, 1938, Serial No. 201,744

7 Claims. (Cl. 2—11)

This invention relates in general to a visor designed for use by skiers to protect their eyes from the sun reflection or glare on the snow, and the invention is directed particularly to a transparent extension visor for ski caps.

The principal object of my invention is to provide a transparent, light weight extension visor arranged for removable attachment in connection with the usual visor of a ski cap; this extension visor, when in place, depending in front of a person's eyes in spaced relation to such person's face. As the extension visor does not engage one's face, the discomfort of goggles is obviated, and the extension visor cannot "fog" as do goggles under certain weather conditions.

It is also my object to provide an extension visor which in one form is invertible so that one portion or another of the device may be used selectively; said portions either being of different sizes for selective use depending on weather conditions, or one portion may be clear and the other shaded to a desired color, or the portions may be both of different sizes and shades in combination.

Another object of the invention is to provide an extension visor which in another form is adjustable vertically whereby the skier may dispose the extension visor in selected positions relative to the eye level.

A further object of the invention is to provide novel means for securing the several forms of extension visor in detachable connection with the projecting visor of a ski cap.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Figure 1 is a perspective view of one form of the extension visor and as attached to the visor of a ski cap.

Figure 2 is a section taken on line 2—2 of Fig. 1.

Figure 3 is a section taken on line 3—3 of Fig. 1.

Figure 4 is a top plan view of a similar form of the device but held in place on a ski cap visor by a different type of securing means.

Figure 5 is a cross section taken on line 5—5 of Fig. 4.

Figure 6 is a top plan view of another type of the device as secured on a ski cap.

Figure 7 is a cross section on line 7—7 of Fig. 6.

Referring now more particularly to the characters of reference on the drawing, and at present to the embodiment shown in Figs. 1–3 inclusive, the numeral 1 indicates an elongated sheet of transparent material such as Celluloid or a thermoplastic resin such as that known as "Lucite". This sheet 1 is formed with a central, longitudinally extending slot 2 which terminates adjacent but short of the ends of the sheet. Narrow flanges 3 project rearwardly from the sheet at the top and bottom edges of the slot and extend longitudinally but terminate short of the ends of the slot.

Substantially U-shaped elements 4, of resilient material such as sponge rubber, straddle the top and bottom edges of the slot beyond the flange ends; such elements 4 being secured to the panel in any suitable manner such as small rivets 5.

For inverting, one half of the panel longitudinally thereof is clear, as at 6, while the other half is shaded as at 7; or, if desired, these portions may be of different sizes, or different sizes and shades in combination. As is obvious from Fig. 1, this form of the device is mounted on a ski cap C by projecting the cap visor V through slot 2 until resilient elements 4 frictionally engage the upper and lower surfaces of the cap visor. Flanges 3 prevent tipping of the extension visor panel 1 and maintain the same at right angles to the cap visor V. To invert the extension visor, it is inverted and again mounted in place as above.

The form of the device shown in Figs. 4 and 5 includes an extension visor panel 1*a* of the same type as shown in Figs. 1–3 and including portions 6*a* and 7*a* which correspond to portions 6 and 7 of Fig. 1. However, the elements 4 are omitted and a different securing means employed and as follows: The panel 1*a* is provided with preformed, rearwardly bent end portions or wings 8 each of which is provided with a two finger spring clip 9 which is alined with the slot and engages the cap visor at the edge when said cap visor projects through the panel slot.

Another form of the invention is illustrated in Figs. 6 and 7 and comprises a flexible, unslotted panel 10 having upper and lower portions 6*b* and 7*b* which correspond to portions 6 and 7 respectively of Fig. 1. This form is adjustable vertically relative to the cap visor and this is accomplished in the following manner: There are vertically spaced, longitudinally alined sets of securing elements, each set including two fingered

spring clips 11 (of the same kind as shown at 9) mounted on the panel ends and a pair of U-shaped locating and supporting members 12 spaced therebetween. By engaging one set or the other with the cap visor after the panel 10 has been flexed to engage the cap visor edge symmetrically, different vertical adjustment of the extension visor may be had and either portion 6b or 7b may be disposed for use, selectively.

My improved ski visor is admirably suited either for amateur or professional use, and under all kinds of weather conditions.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

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

1. An extension visor for ski caps comprising an elongated panel having a longitudinally extending slot therethrough intermediate its side edges, said slot being adapted to receive the ski cap visor therethrough, and means adapted to secure the panel on the cap visor.

2. A device as in claim 1 in which said means comprises a plurality of resilient elements mounted on the panel and extending into the slot from the upper and lower edges thereof whereby to frictionally engage the cap visor.

3. A device as in claim 1 including flanges on and projecting from the panel along the upper and lower edges of the slot, said flanges being adapted to engage the upper and lower surfaces of the cap visor and stabilize said panel.

4. An extension visor for ski caps comprising an elongated panel having a longitudinally extending slot therethrough intermediate its side edges, said slot being adapted to receive the ski cap visor therethrough, the outer end portions of the panel being adapted to form as rearwardly extending wings, and a member mounted on each wing in alinement with the slot and projecting inward for holding engagement with the adjacent edge portion of the ski cap visor.

5. An extension visor for ski caps comprising an elongated panel of transparent material, said panel being formed with a longitudinal slot to receive the cap visor therethrough in frictional and invertible engagement; said slot being spaced nearer one longitudinal edge of the panel than the other.

6. An extension visor for ski caps comprising an elongated substantially rectangular panel of transparent material, said panel being formed with a slot to receive the cap visor therethrough in supporting engagement, the slot being parallel to the horizontal edges of the panel and shorter than the cap visor at its point of greatest width, and rearwardly extending side wings formed on the panel and extending to the side edges thereof from the adjacent ends of the slot.

7. A device as in claim 1 including a flange on and projecting from the panel along one longitudinal edge of the slot, said flange being adapted to engage the corresponding surface of the cap visor to stabilize the panel.

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