

(No Model.)

R. E. BONAR.
CAP.

No. 460,499.

Patented Sept. 29, 1891.

Fig. 1

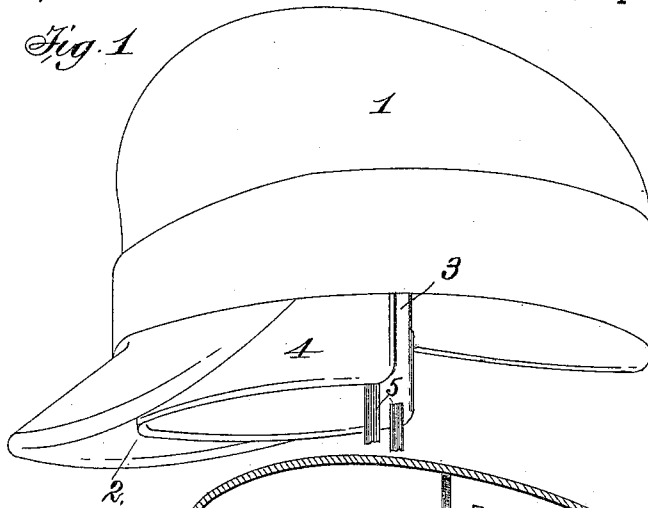


Fig. 2.

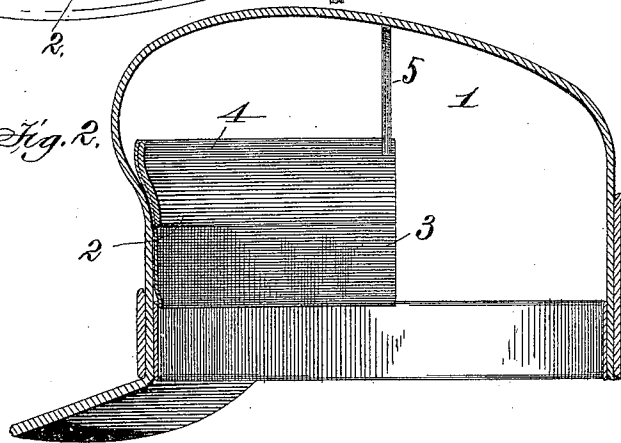
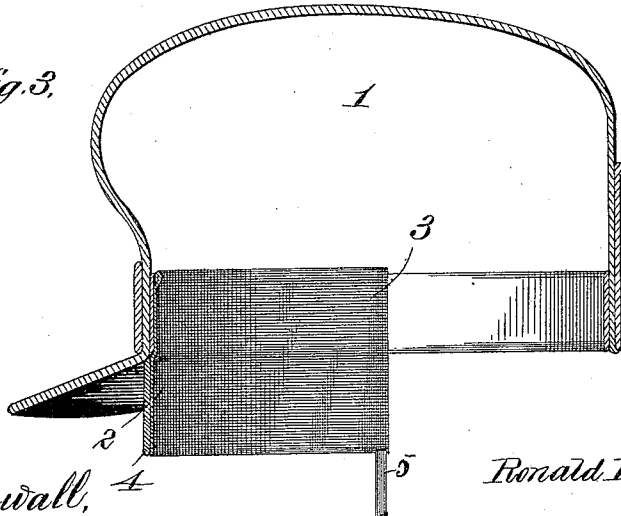


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

RONALD E. BONAR, OF NEW YORK, N. Y., ASSIGNOR TO R. E. BONAR & CO.,
OF SAME PLACE.

CAP.

SPECIFICATION forming part of Letters Patent No. 460,499, dated September 29, 1891.

Application filed July 10, 1891. Serial No. 399,058. (No model.)

To all whom it may concern:

Be it known that I, RONALD E. BONAR, of the city, county, and State of New York, have invented certain new and useful Improvements in Head-Coverings, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to provide improved means in head-coverings for keeping the forehead of a wearer warm, which is especially adapted for use in caps to be worn in cold latitudes, where that part of the face is particularly liable to suffer from exposure, owing, doubtless, in a large degree to the constriction of the band around the head.

My invention consists in a forehead-protector constructed, as hereinafter described, so that it may be pulled down when necessary to cover the forehead, and may be carried out of sight in the crown of the cap without materially increasing its size or bulk and without marring its symmetrical effect, and also without interfering with the fit of the cap when either down and covering the forehead or up and concealed within the cap.

My invention has no relation to a peak or visor of a cap, which is a different thing from a forehead-protector, although a visor acting as a sunshade and not bearing directly on the forehead, as a rule, is in some sense, of course, a forehead-protector. It is, however, a forehead-protector proper, designed to be used either in the presence or absence of a visor, and designed only for occasional use in cold weather, that my invention has reference to.

I am aware that forehead-protectors and visors also have been made so as to be concealed within the body of a head-covering or be lowered so as to come below the sweat-band at will, and I do not broadly claim a forehead-protector adapted to be raised and lowered.

My invention is a material and important improvement in head-coverings provided with forehead-protectors, as hereinafter explained, and succinctly defined in my appended claim.

In the accompanying drawings, Figure 1 is a side elevation of my cap, showing the protector in the position for use over the forehead of a wearer. Fig. 2 is a longitudinal

central vertical section through my cap, showing the protector in the elevated position. Fig. 3 is a similar view showing the protector in the same position as illustrated in Fig. 1.

Referring to the figures on the drawings, 1 indicates an ordinary cap with a fixed visor.

2 indicates a flexible forehead-protector whose length is preferably about one-half that of the circumference of the cap and which is of suitable width to completely protect the forehead of a wearer. It consists of two parts or strips 3 and 4, the part 3 constituting the portion of the protector which is inside of the cap when the protector is let down for use, and the part 4 constituting the outside or protector proper. The part 3 serves as a hinge for connecting the part 4 with the upper edge of the sweat-band *s*.

A cap of the kind described is usually made thick and warm at all parts, and does not for that reason require special provision for protecting that part of the forehead which it covers. It is for the portion immediately below the cap that the protection is necessary. That part of the protector, therefore, which is always inside the cap may be made of any suitable thin material—such, for instance, as thin silk cloth or the like—which is able to support the part 4, while it does not appreciably diminish the inside circumference of the cap and destroy its fit when the part 4 is pulled down. The part 4 should be made of heavy soft warm material that will lie close and comfortable against the forehead and keep it warm.

When the weather does not require the use of the protector it is desirable to have it out of the way. For that reason, and, as above suggested, to prevent a clumsy appearance, it is attached to the thin part 3, whose edge is secured to the inside of the cap about where the top of a sweat-band would ordinarily come, so that the protector may be folded into the top of the hat, as illustrated in Fig. 3 of the drawings, and leave it free and unencumbered for use.

In order to hold the protector firmly in place, a band 5, of elastic material, for instance, is preferably provided upon the lower corners of the protector, to be slipped over the back of the head or under the chin of the

wearer and hold the ends of the protector in position.

What I claim is—

5 In a head-covering, the combination, with a sweat-band, of a flexible forehead-protector consisting of a thick part 4 and a thin part 3, the latter secured to the upper edge of the sweat-band and forming a hinge for the thick part, so that the thick part when folded up or down

will always rest above or below the sweat- 10 band and not disturb the fit of the cap, substantially as set forth.

In testimony of all which I have hereunto subscribed my name.

RONALD E. BONAR.

Witnesses:

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