

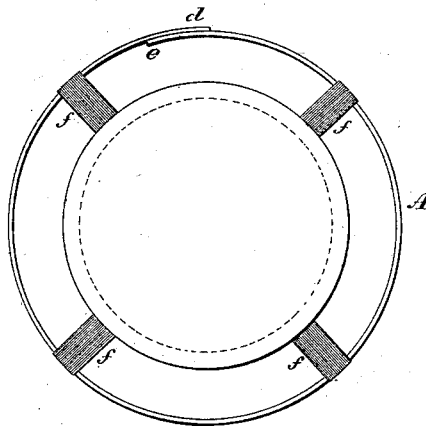
(No Model.)

H. H. SNOW.  
HEAD PROTECTOR.

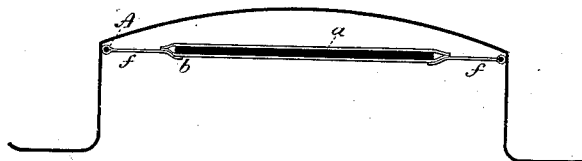
No. 263,980.

Patented Sept. 5, 1882.

*fig 1*



*fig 2*



Witnesses  
J. A. Chumway  
J. C. Earle

Henry H. Snow  
By atty. Inventor  
J. C. Earle

# UNITED STATES PATENT OFFICE.

HENRY H. SNOW, OF BROOKLYN, NEW YORK.

## HEAD-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 263,980, dated September 5, 1882.

Application filed July 12, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY H. SNOW, of Brooklyn, in the county of Kings and State of New York, have invented a new Improvement in Head-Protectors; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, the pad detached; Fig. 2, a transverse section as applied to the hat.

This invention relates to a device to be placed in a hat to protect the head of the wearer from excessive heat or effect of the sun; and it consists in a pad composed of an absorbent inclosed in a fabric covering, combined with an elastic or adjustable hoop connected to said pad, and so as to engage with the crown of the hat and hold the pad in its proper relative position, as more fully hereinafter described.

The pad for my protector is best made from a piece, *a*, of thick, soft blotting-paper—say about two-thirds the diameter of the hat—inclosed in a linen or other covering, *b*. Instead of blotting-paper, any ready absorbent may be used; but I find nothing that serves the purpose so well as the material made from blotting-paper, softened, and often used in place of lint. The covering or pocket in which the absorbent is introduced is stitched around its edge so as to completely inclose the absorbent.

A is a hoop, made preferably from brass or other elastic wire, longer than the internal circumference of the hat into which the protector is to be introduced, and so that its two ends *d e* will lap, as seen in Fig. 1. From the edge of the body to the hoop the connections *f* extend, so as to unite the pad with the hoop. These connections I preferably make from an elastic material—such as shirred rubber—one of the connections inclosing the two ends *d e* of the hoop, but so as to permit them to be moved to contract or engage the hoop. This completes the protector. It is placed in the

hat, the hoop expanded to take a bearing in the crown of the hat, as seen in Fig. 2, the friction of this bearing being sufficient to hold the pad in its proper relative position above the head. The pad is wet by pouring water upon the surface, which is instantly taken up by the absorbent *a* and retained by it. Then the hat placed upon the head of the wearer brings this moist pad between the top of the head and the top of the hat, the pad carrying so much water that a long exposure to the sun will be required to entirely evaporate the water. If at any time the pad appears to be drying, it is only required to be rewet.

By this construction I produce a perfect protector for the head at a comparatively small cost, offering no inconvenience to the wearer more than the common lining of a hat-crown, and it is so light that it does not add materially or disagreeably to the weight of the hat. The space between the pad and the hoop allows circulation within the hat and above the pad.

I am aware that an absorbent material has been secured in the crown of a hat as a protection for the head, and therefore do not claim broadly such an application of absorbent material.

I claim—

1. The herein-described head-protector, consisting of the hoop *A*, made from elastic material, its two ends disconnected, so as to permit the expansion or contraction of the hoop, combined with an absorbent pad within and attached to said hoop, the protector secured in the hat by contact of the hoop with the sides of the crown, substantially as described.

2. The combination of the hoop *A*, made from elastic material, its two ends disconnected so as to permit the expansion or contraction of the hoop, with a pocket or cover, *b*, inclosing an absorbent material, *a*, connected to said expandable hoop, substantially as described.

HENRY H. SNOW.

Witnesses:

JOHN E. EARLE,  
JOS. C. EARLE.