

(Model.)

C. H. DAVIES.
VENTILATED HAT.

No. 516,083.

Patented Mar. 6, 1894.

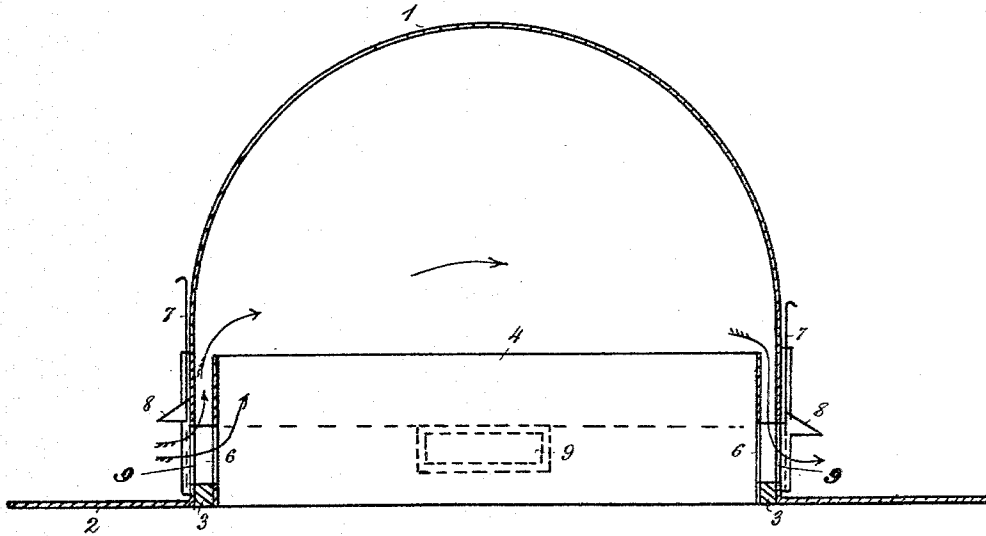


Fig. I.

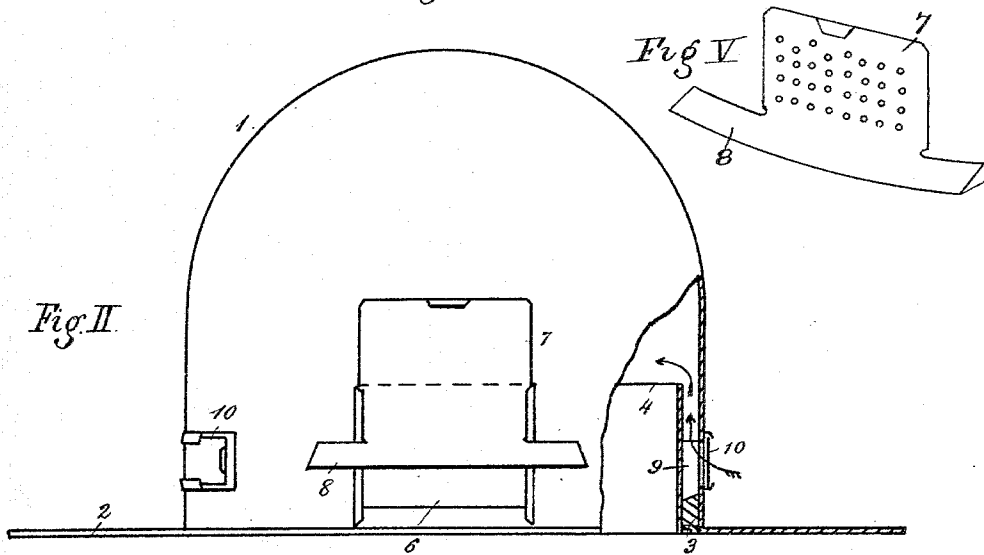


Fig. II.

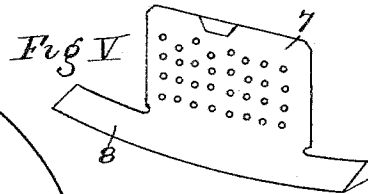


Fig. V.

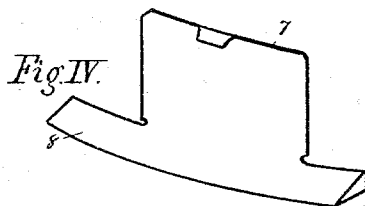


Fig. IV.

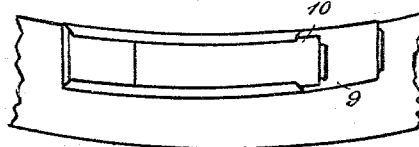


Fig. III.

Witnesses
R. S. Millar
L. M. Adams

Inventor
C. H. Davies
[Signature]

UNITED STATES PATENT OFFICE.

CHARLES H. DAVIES, OF CHENOA, ILLINOIS.

VENTILATED HAT.

SPECIFICATION forming part of Letters Patent No. 516,083, dated March 6, 1894.

Application filed April 1, 1893. Serial No. 468,662. (Model.)

To all whom it may concern:

Be it known that I, CHARLES H. DAVIES, a citizen of the United States, residing at Chenoa, in the county of McLean and State of Illinois, have invented a new and useful Improvement in Ventilated Hats, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a longitudinal vertical section of a hat provided with my improved ventilating appliances; Fig. 2, a front view, partly in section; Fig. 3, a detail view of one of the side apertures provided with an adjustable sliding shutter, and Fig. 4, a detail view of one of the adjustable flanged sliding shutters which regulate the admission and emission of air through the apertures in the front and rear wall of the hat. Fig. 5, is a detail showing one of the perforated slides.

My invention relates to improvements in ventilated hats and its special object is to simplify and otherwise improve the device described in my Patent No. 488,989, dated January 3, 1893.

The distinguishing features, together with the details of this invention will be readily understood by reference to the accompanying drawings in which 1 designates the crown and 2 the rim of a hat of the ordinary form. A ring 3 composed of cork, felt or other preferred material is suitably attached to the inner side of the crown at its juncture with the rim. The sweat-band 4 is broader than the ring and its lower border is attached thereto. The upper border is free. An unbroken air space is thus formed between the sweat band and the outer wall of the hat. Portions of the upper borders of the ring and sweat band are cut away to allow free passage of air into or out of the crown of the hat through the front and rear apertures 6. These apertures are rectangular in form and are approximately two and a half inches in length and one inch in width. Their outer borders are faced with plates of light sheet metal, which are japanned or otherwise protected from corrosion. The vertical sides of said plates are doubled and folded inwardly to form guides for the sliding shutters 7 which are also made of thin sheet metal and have dependent flanges 8 designed to protect the head of the wearer from the sun, and also to exclude rain or dust as may be desired. The sides of the hat are also provided with apertures 9 which are approximately two inches long and a half inch

wide and are provided with guides and shutters 10, which like those attached to the front and rear apertures, are readily adjustable according to the condition of the external air. If desired, the openings may be provided with screens composed of fine wire cloth or perforated metal plates which may be conveniently attached by interposing their edges between the border plates and the crown of the hat.

It will be observed that in the event of a sudden change from a warm to a cold temperature, any or all the apertures may be partly or entirely closed and the evil effects thus averted. It is also obvious that even in a calm atmosphere, every movement of the wearer of the hat will be followed by a corresponding movement of the air within it. A free circulation is thus maintained and health as well as comfort is insured.

What I claim as new is—

1. In a ventilated hat, the combination with the crown and rim thereof, of the herein described ring attached within the crown at its junction with the rim; the sweat-band attached to the ring and having a free upper border extending above the ring; the air apertures in front and rear and the supplemental apertures in the sides of the crown, all provided with external adjustable shutters, all arranged substantially as and for the purposes herein set forth.

2. A hat having apertures in its side, in front and rear each covered by an external slide, and within it a sweat band attached to a ring secured within the hat so as to leave a space between the sweat band and the hat body, and the band which is wider than the ring and having ventilating apertures, the several parts combined and all operating in the manner set forth.

3. As a new article of manufacture, a hat having within it a ventilating space, and apertured around its body, the edges of said apertures being bound, and also having guides secured to said bound edges to receive the external sliding cover, substantially as set forth and described.

In testimony that I claim the foregoing I have hereunto set my hand, this 24th day of March, 1893, in the presence of witnesses.

CHARLES H. DAVIES.

Witnesses:

O. D. SANBORN,
JAMES COTTER.