

W. H. Towers.

Ventilating Hats.

N^o 49570

Patented Aug. 22, 1865.

Fig. 1.

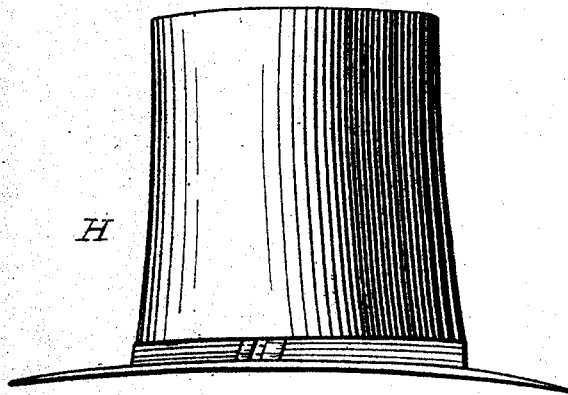


Fig. 2.

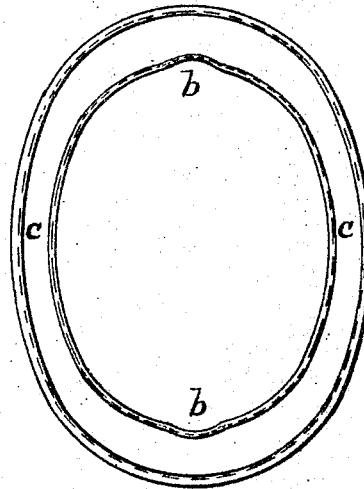
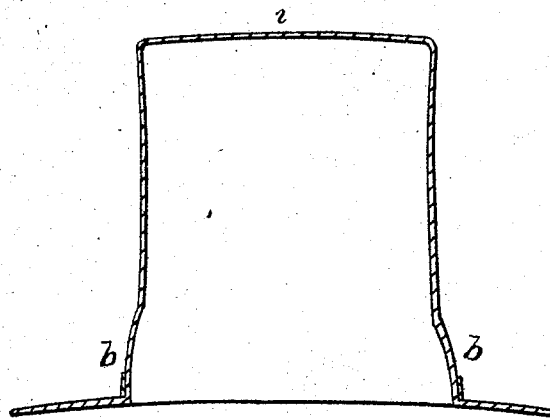


Fig. 3.



Witnesses.

J. L. Newton
Witness

Inventor.

W. H. Towers.

UNITED STATES PATENT OFFICE.

WM. H. TOWERS, OF NEW YORK, N. Y.

IMPROVEMENT IN HATS.

Specification forming part of Letters Patent No. **49,570**, dated August 22, 1865.

To all whom it may concern:

Be it known that I, WILLIAM H. TOWERS, of the city, county, and State of New York, have invented a new and Improved Ventilating-Hat; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification—

Figure 1 is a side view of the ventilating-hat, showing simply the outside form thereof. Fig. 2 is a view of the base of the same, looking into the hat, and showing the under side of the rim *c* and the curved or grooved ventilators *b b*. Fig. 3 is a section of the hat, showing the inside of the same, the curve or groove at the ventilators *b b*, and the ventilator at *v*.

Similar letters refer to the same thing.

Now, in order to make others better understand my invention, I will proceed to explain its construction.

The hat *H* is made of silk or of the material generally used in hat-making, and it differs from the common hat only in this: It will be perceived by examining the accompanying drawings Nos. 2 and 3 that there is a curve or groove at the letters *b b*. Now, this curve or groove is, of course, concave with respect to the inner surface of the hat and convex to the outer surface of the same. It is about a half inch in depth and from one to two inches in the linear curve of the hat, and extends as far into or upward into the hat as the same presses down upon the head. The length and depth, however, of this groove or curve may be made to suit one's taste. This curve or groove is gradual and nearly the same as the curve of the

hat. It is made, of course, by being pressed upon a block shaped for the purpose designed.

The lining of the hat is made in the usual form, except at the grooves or curves it is pressed into the same, so that it does not touch the head, and the hat sits easier upon the head than the common hat, and its advantage over the common hat is most readily perceived.

Every wearer of the common article has experienced the pressure and sweat thereof caused by reason of no sufficient ventilation. Now, this hat, with its ventilator in the front and the back of the same, as above described, (and it may be at other and different parts of the periphery thereof,) and the common ventilator at the top, relieves the head from much pressure and the consequences thereof by this free circulation of the air through the described ventilator. The groove does not render the hat ugly in appearance, but rather ornamental, and the relief it brings will satisfy the wearer of its great improvement over the common hat.

This mode of ventilation is of no additional expense in making the same, and may be constructed not only in the silk or felt hat, but in hats and caps of whatever form or shape or of whatever material made.

What I claim as my invention, and desire to secure by Letters Patent, is—

A hat ventilated through spaces formed at the back and front by irregular enlargements of the circle or ovoid, substantially as described.

WM. H. TOWERS.

Witnesses:

J. L. NEWTON,
G. L. VESTY.