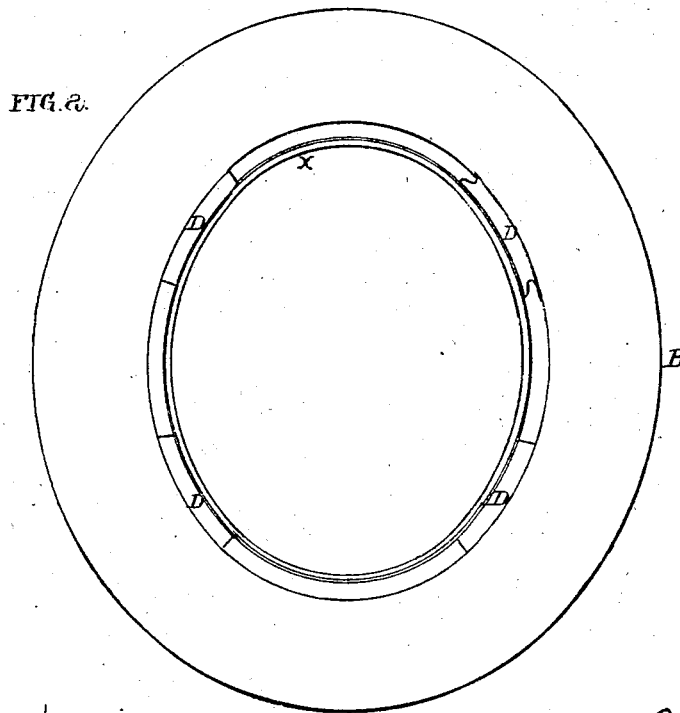
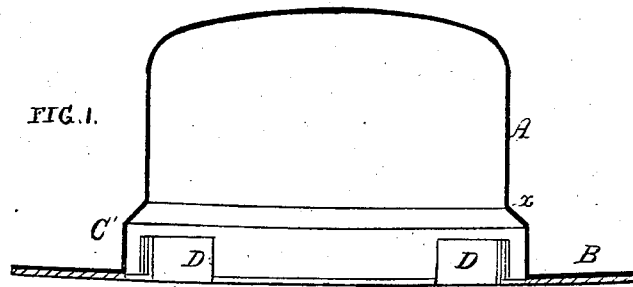


Albright & De Lange, Ventilator.

No. 50999.

Patented Nov. 21, 1865.



Witnesses *Wm. Albert Steel.*
John Parker

D. K. Albright
L. H. De Lange
By their Attorney
J. H. Howard

UNITED STATES PATENT OFFICE.

D. K. ALBRIGHT, OF PHILADELPHIA, PENNSYLVANIA, AND L. H. DE LANGE, OF BORDENTOWN, NEW JERSEY.

IMPROVEMENT IN DEVICES FOR VENTILATING HATS.

Specification forming part of Letters Patent No. 50,999, dated November 21, 1865.

To all whom it may concern:

Be it known that we, D. K. ALBRIGHT, of Philadelphia, Pennsylvania, and L. H. DE LANGE, of Bordentown, New Jersey, have invented an Improvement in Ventilating Hats; and we do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Our invention relates to an improvement in that class of hats, having an enlargement above the brim, for which Letters Patent of the United States were granted to us on the 13th day of June, 1865; and our invention consists in the combination, with a hat enlarged near the brim, of a series of blocks or projections arranged within the enlarged portion of the hat so that the head of the wearer will be maintained free from contact with the side of the enlargement, thus leaving a space between the latter and the head through which the air can circulate freely.

In order to enable others skilled in the art to make our invention we will now proceed to describe the manner of carrying the same into effect.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a section of our improved hat, and Fig. 2, an inverted plan view.

A is the body of the hat, and B is the brim, the lower portion of the body between the point *a* and the point where it meets the brim, increasing in diameter so as to form an enlargement of the character shown in the drawings. To the inner side of this enlargement are secured blocks or sections D, of felt or other suitable material, the said blocks being arranged at intervals within the enlargement, as shown in Fig. 2.

When the hat is placed upon the head of the wearer only the sides of the blocks D will bear against the same, so that the air may pass freely between the blocks into the enlargement C and into the body of the hat above the head

such a constant circulation of fresh air being thus maintained as will prevent the head from being uncomfortably heated.

It will be apparent that a hat of this character may be manufactured at less cost than those in which corrugated bands and similar expensive and but partially efficient devices are used, and it will also be seen that a hat so constructed is far superior to those referred to, inasmuch as the air is admitted in much larger quantities, and can circulate with greater freedom over the head of the wearer and between the latter and the hat. It will also be seen that by this arrangement of the blocks within the enlargement the hat will accommodate itself readily to the form of the head.

Although we have described blocks D of felt or other similar material as being used, the same result will be obtained by bending thin metal plates D' to the form shown in Fig. 2 and securing them within the enlargement in the same position as the blocks. We do not wish to confine ourselves, however, to either the plates or blocks, as projections of any suitable material bearing against the head so as to form a space between the latter and the inner side of the enlargement may be used.

If desirable, also, a sweat-band X may be secured to the inner sides of the blocks or projections D.

We claim as our invention and desire to secure by Letters Patent—

The combination, with a hat enlarged near the brim, of a series of blocks or projections D, arranged within the enlarged portion of the hat, substantially as described, for the purpose specified.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

DANL. K. ALBRIGHT.
LEO H. DE LANGE.

Witnesses:

CHARLES E. FOSTER,
JOHN WHITE.