T. R. Johnson.

Hat Ventilator.

No. 80,963. Patented Aug. 11, 1868.

Fig. 1.

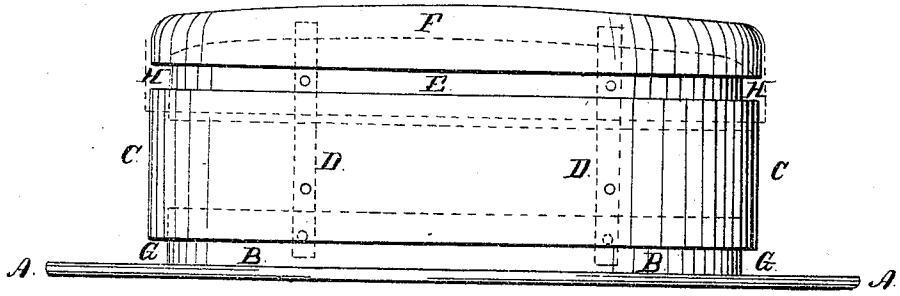


Fig. 2.

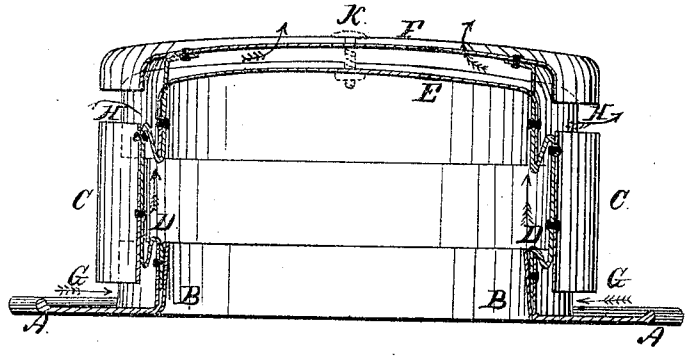
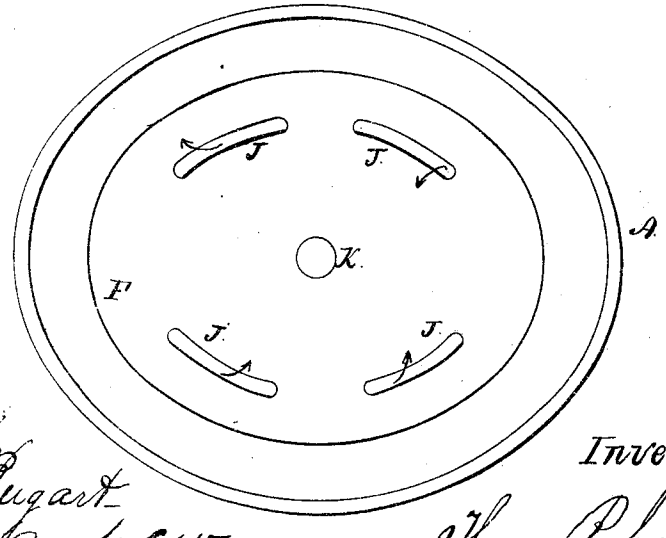


Fig. 3.



Witnesses;

Jas. Franklin Rugart

C. D. Mayhew

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THOMAS RICHARD JOHNSON, OF MONTREAL, CANADA.

Letters Patent No. 80,963, *dated August* 11, 1868.

IMPROVEMENT IN VENTILATING HATS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS RICHARD JOHNSON, of the city of Montreal, and Dominion of Canada, have invented an Improved Self-Ventilating Hat; and I hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents a perspective view of the hat.

Figure 2 is a cross-section of the same.

Figure 3 represents a top view of the hat.

The nature of my invention consists in the construction of a hat, made of any material, in three or four sections, the lower section forming the brim and lower part of the side; the second section forming the outer band of the side; the third section forming the inside crown, and a portion of the side of the hat; the fourth section forming the outer crown and balance of the side.

A represents the brim of the hat, with a portion of the lower side B, forming the lower section of the hat. C represents the outer band, forming a portion of the side of the hat, which is supported by four or more fastenings D, on the inside of the hat, the fastenings being made of metal or any suitable material; the same fastenings also support the inner crown E, and outer crown F, the fastenings being attached to the sections B, C, E, and F, by rivets or otherwise.

The object of constructing the hat in the manner shown by the drawings, and in the several sections, is for the purpose of giving a perfect self-ventilation to the head, to prevent sun-stroke, or any other ill effects that may result from exposure to the sun or excessive heat, and also preserve the growth of the hair.

The construction of the hat formed to admit a free passage for the air, as designated by the arrows, passes in along the top of the brim A, rushes in at the aperture G, passing upward and around on the inside of the band C, and out again at H, thus giving a perfectly free circulation of the air around the head.

The vacuum or air-chamber between the crowns E and F, admits of a free circulation of air, and keeping the inner crown E always cool, thus giving a double protection against sun-stroke.

I also design constructing my hat, (for those who may object to the opening H,) with the outer crown F and band C connected, thus forming one continuous piece of the two; and when so constructed, I make openings or perforations J, in the outer crown F, as shown in fig. 3, thus allowing the air to pass up around the head and out at the top of the hat, and in that case I suspend the inner crown E by means of a screw-rivet, K, as shown in fig. 2.

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

A hat formed in three or four sections, B, C, E, and F, with their fastenings D, and apertures G, H, and J, combined and arranged as herein described, and for the purposes set forth.

THOMAS RICHARD JOHNSON.

Witnesses:

E. D. MAYHEW,

EDM. F. BROWN.