

A. Komp.

Ventilating Hats.

N^o 49767

Patented Sep. 5, 1865.

Fig. 1.

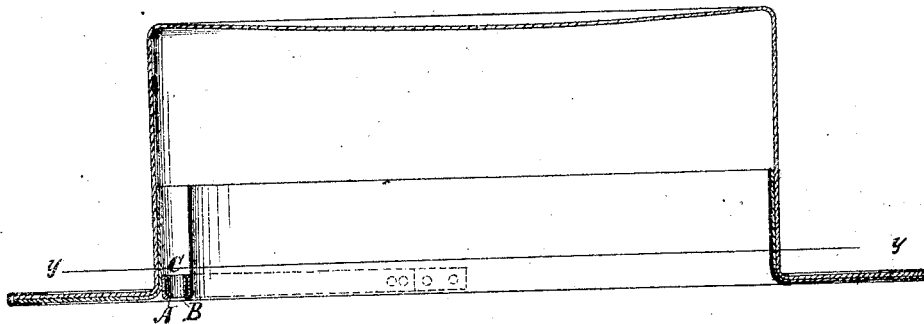
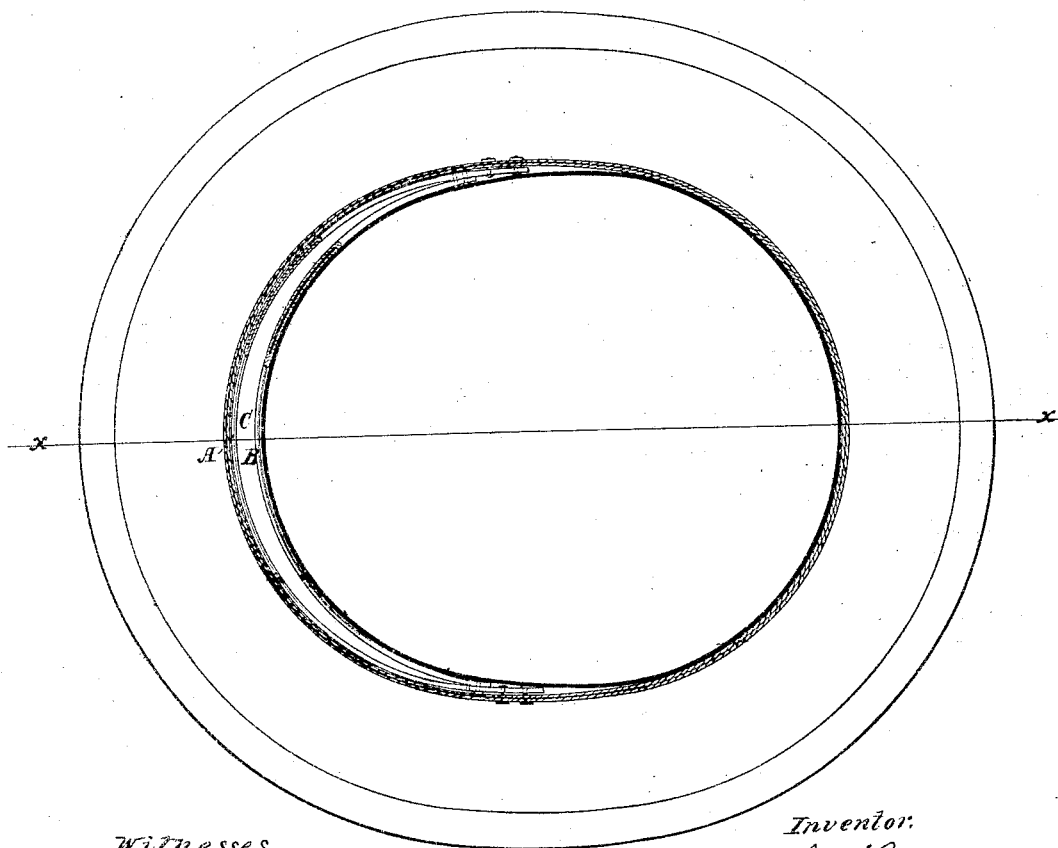


Fig. 2.



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UNITED STATES PATENT OFFICE.

A. KOMP, OF NEW YORK, N. Y.

IMPROVEMENT IN HAT-VENTILATORS.

Specification forming part of Letters Patent No. 49,767, dated September 5, 1865.

To all whom it may concern:

Be it known that I, A. KOMP, of the city, county, and State of New York, have invented a new and Improved Ventilator for Hats and Caps; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a vertical central section of this invention applied to a hat, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a horizontal section of the same, taken in the plane indicated by the line *y y*, Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a ventilator for hats and caps, which is constructed of a supporting-plate of sheet-steel or other flexible material, in combination with a spring or a narrow strip of hardened sheet-steel or other suitable material, which is fastened to the supporting-plate, leaving a crescent-shaped space between its outer surface and the inner surface of the supporting-plate, in such a manner that by means of the supporting-plate the ventilator can be readily secured in a hat or cap, and through the crescent-shaped space sufficient air finds access to the interior of the hat or cap to cool the brow of the person wearing the same; and, furthermore, by the flexible exposing the ventilator is free to accommodate itself to the shape of the head without throwing the hat or cap out of shape.

A represents the supporting-plate, which is made of sheet-steel or other suitable material sufficiently stiff and flexible for the purpose. This supporting-plate may be made to extend only partially round the interior of the hat or

cap to which it is to be applied, or it may be made to extend clear round, and it serves to support the spring B, which is secured to it by rivets or other suitable means. The spring extends about two-fifths (more or less) round the interior of the hat, and the radius of the circle from which it forms a segment is larger than the radius of that part of the supporting-plate to which it is secured, so that a crescent-shaped space, C, is left between the outer surface of the spring and the inner surface of the supporting-plate, as clearly shown in Fig. 2. The supporting-plate is secured to the interior of the hat or cap by rivets or other suitable means, so as to keep the spring in front, and it may be covered with some suitable textile material. The sweat-leather is secured to the spring, leaving the crescent-shaped space open for the circulation of air. The spring is thus firmly supported, and it is free to accommodate itself to the shape of the head without exerting a strain on the material from which the hat is made, the entire strain being sustained by the supporting-plate.

This ventilator is easily made, it is cheap and readily secured in a hat or cap, and gives relief to the person wearing said hat or cap by admitting a current of air in front of the brow, the only place where ventilation is of value.

I claim as new and desire to secure by Letters Patent—

A ventilator composed of a supporting-plate, A, and spring B, secured together so as to leave a crescent-shaped space, C, substantially in the manner and for the purposes set forth.

A. KOMP.

Witnesses:

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