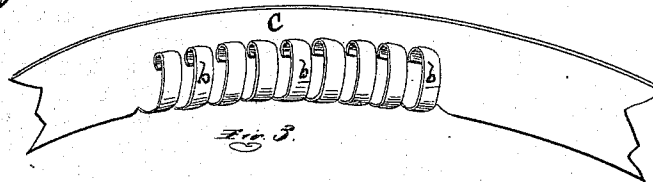
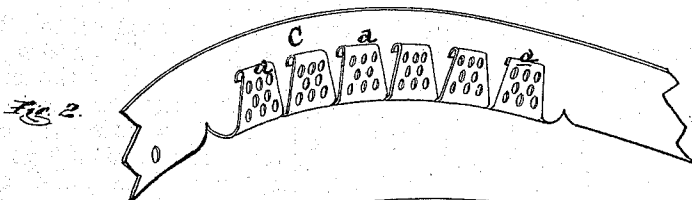
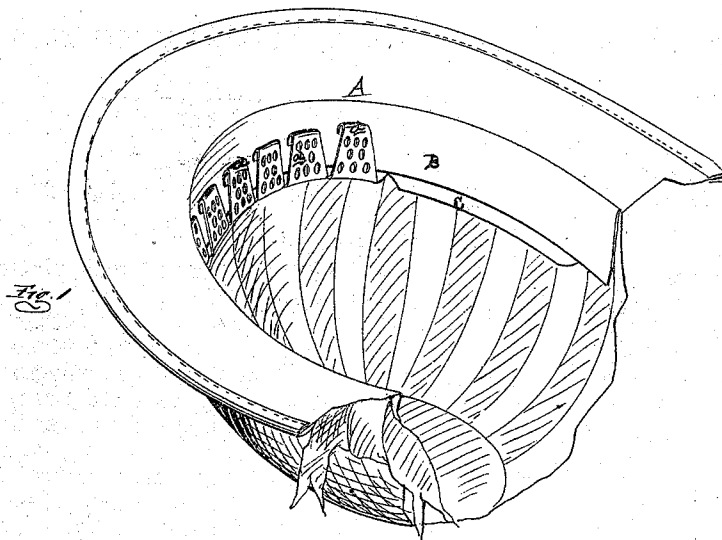


G. B. SMITH.

Improvement in Hat-Ventilators.

No. 129,866.

Patented July 23, 1872.



ATTEST:
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J. D. Fowler

INVENTOR:
George B. Smith
per attorney
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UNITED STATES PATENT OFFICE.

GEORGE B. SMITH, OF DETROIT, MICHIGAN.

IMPROVEMENT IN HAT-VENTILATORS.

Specification forming part of Letters Patent No. 129,866, dated July 23, 1872.

To whom it may concern:

Be it known that I, GEORGE B. SMITH, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Self-Adjusting Hat-Ventilators; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a perspective view of the front part of the interior of a hat, showing my ventilator in place. Fig. 2 is a perspective view of the ventilator detached, and Fig. 3 is a modification of the same.

Like letters refer to like parts in each figure.

This invention has for its object to provide a simple, cheap, but effective ventilator attachment for hats of all descriptions, which can readily be inserted in the space between the sweat-band and the body of a hat, so that spaces will be left between the sweat-band and the wearer's forehead for the circulation of air; and it consists in a flexible band of metal, rubber, or other suitable material, encircling the sweat-band, behind which it is inserted, and provided for one portion of its length with flexible plates or fingers, which overhang the sweat-band and readily conform themselves to the contour of the wearer's head, spaces being left between the said plates for the passage of air up into the crown of the hat.

In the drawing, A represents a portion of the crown and rim of a hat, and B the usual sweat-band. C is a flexible strip of thin sheet metal, hard rubber, or other suitable material, which is slipped down between the sweat-band and the body of the hat. At one part of its

length it is formed with plates *a* or fingers *b*, as seen in Fig. 3, which are bent over the face of the sweat-band. In either case, being flexible, they adjust themselves to the contour of the wearer's forehead, and by their light pressure keep the hat in place, while they allow a free circulation of air over the wearer's head, which becomes a cooling current if the hat-crown be perforated to cool the heated brow and top of the head, where heat is chiefly felt. On a cold day the hat may be reversed or the ventilator shifted around to the back of the head, when it will cease to act as such. The wider plates *a* may be perforated to avoid the obstruction of the perspiration, and to expose a greater surface of the skin to the air-current. The narrow fingers *b* need not be perforated. These latter are best adapted to the purpose if made of metal and plated with gold, silver, or nickel. The ends of the plates or fingers should be turned toward the sweat-band to prevent them from lying flat against it, and also to prevent them from catching the hair or abrading the skin.

In using and attaching this ventilator the wearer uses a hat a little larger than the size ordinarily worn by him, and it may be in a moment transferred from an old to a new hat.

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

The flexible strip C, provided with the elastic perforated plates *a* or fingers *b*, substantially as and for the purpose set forth.

GEO. B. SMITH.

Witnesses:

H. F. EBERTS,
J. W. BOWLER.