

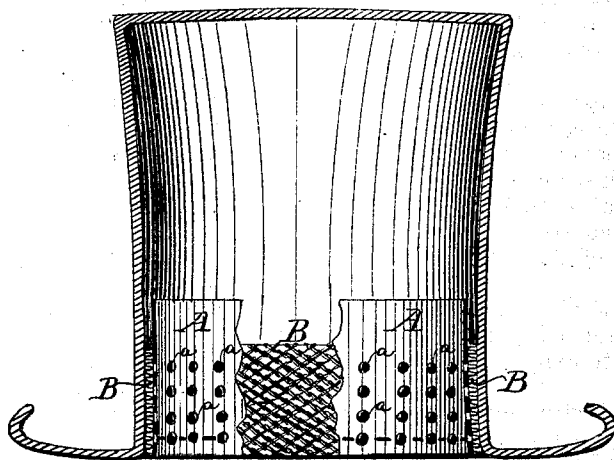
(76.)

WILLIAM DALE.

Ventilators for Hats and Caps.

No. 121,995.

Patented Dec. 19, 1871.



Attest
D. B. J. Cils
C. H. Clausen

Wm. Dale
Inventor
D. P. Holloway & Co
Atty

UNITED STATES PATENT OFFICE.

WILLIAM DALE, OF NEW YORK, N. Y.

IMPROVEMENT IN VENTILATORS FOR HATS OR CAPS.

Specification forming part of Letters Patent No. 121,995, dated December 19, 1871.

To all whom it may concern:

Be it known that I, WILLIAM DALE, of the city, county, and State of New York, have invented a certain Improvement in Ventilating Hats and Caps, of which the following is a specification:

The nature of my invention consists in the employment of a woven-wire fabric, made of interlocked spiral wires, in connection with hats or caps, in which said fabric is inserted behind the sweat-band to let currents of air passing through perforations in the sweat-band rise up through the wire-cloth into the crown of the hat to keep the head of the wearer cool.

The figure represents a vertical section of the hat with my improvement attached, part of the sweat-band being torn away to expose the wire-cloth behind it.

The sweat-band A is formed with perforations *a* all around or only at certain points, as may be preferred or found to be most beneficial in practical use. The woven-wire cloth or fabric B which is to be inserted behind the sweat-band is constructed of fine spiral-wire strands interlocked together so as to form cloth of single thickness. The cloth should be made pretty thin, to make it not only as light as possible but also so that its application to a hat or cap may not give to either an objectionably clumsy appearance.

This wire-cloth may be extended entirely

around the hat or only used at certain points. In either case it needs to be fastened only at the ends, at the upper corners thereof, its lower portion being readily held in place by the sweat-band without needing any permanent attachment thereto.

I am aware that single tubes, as well as single strands of spiral wire similar to the strands of which the above-described cloth is formed, have been used in connection with hats and caps to serve as ventilators; and I do not therefore claim hat or cap ventilators made of single strands of spiral wire. Such ventilators are objectionable, because each separate one must be secured to the sweat-band, which involves considerable labor, and also because they are liable to be closed up. These objections are entirely overcome by the use of a woven-wire fabric such as above described.

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

A ventilator for hats or caps composed of spiral wires interlocked, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM DALE.

Witnesses:

C. H. MACHIN,
THOMAS BISGOOD.

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