

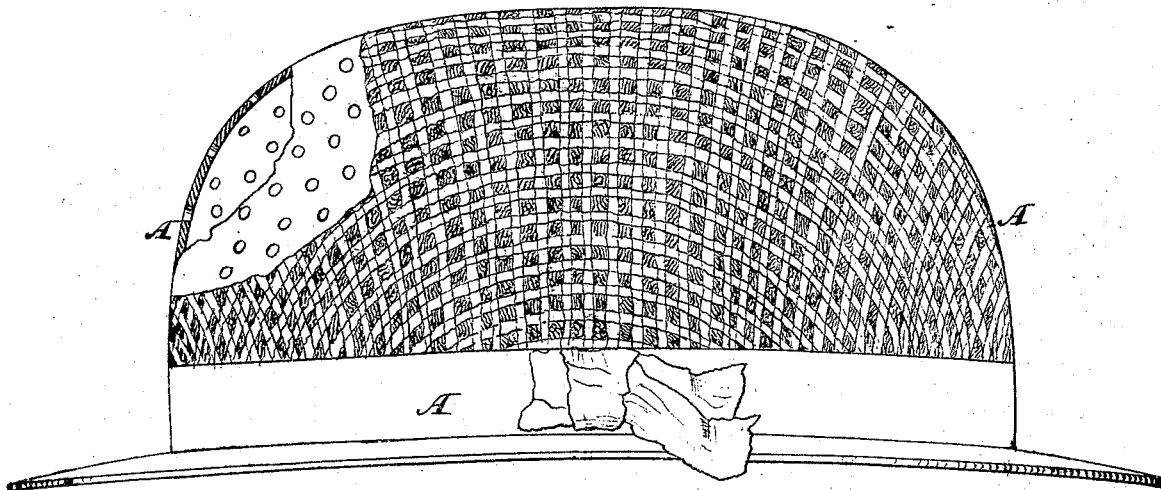
*Nickerson & Wallace.*

*Ventilating Hats.*

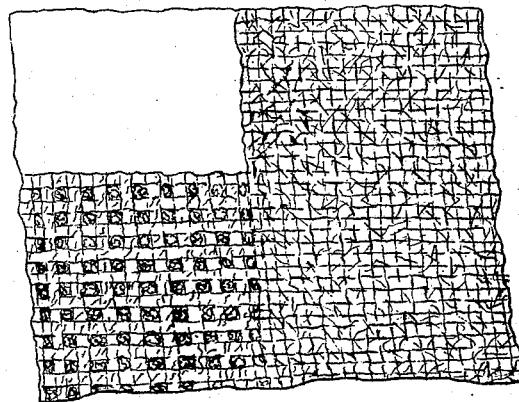
*N<sup>o</sup> 47974*

*Patented May 30, 1865.*

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*S. S. Farnestock*

*O. Hase.*

*Inventors.*

*R. S. Nickerson*

*James Wallace*

*by their Attorney*

*S. S. Farnestock*

# UNITED STATES PATENT OFFICE.

ROBT. S. NICKERSON AND JAMES WALLACE, OF PHILADELPHIA, PA.

## IMPROVEMENT IN HATS.

Specification forming part of Letters Patent No. 47,974, dated May 30, 1865.

*To all whom it may concern:*

Be it known that we, ROBERT S. NICKERSON and JAMES WALLACE, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and Improved Method of Constructing Ventilating - Hats; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of our invention consists, first, in applying the ordinary cloth manufactured and used for clothing, composed of warp and woof, for the exterior covering of a hat after certain threads have been withdrawn, making larger meshes in the same; second, in combining this cover with a perforated under and more rigid body.

In the drawings, A, Figure 1, represents a hat, part of the covering being removed to show the body underneath. Fig. 2 represents a sample of the material used, part of it having undergone the process of removal of certain threads preparatory for use as a cover.

In practice I prefer using a mixed cloth, composed principally of heavy threads, so that the removal of each alternate one of the warp and woof will suffice for the ventilating meshes, and I select such mixtures and textures that the removal of these threads will not be no-

ticeable unless held up to the light, and when such a prepared material is properly drawn over a suitably-perforated body its open condition is not discernible unless upon very close inspection.

We deem it unnecessary to describe the manufacture of a hat-body or puncturing one, neither the process of covering the rim, binding, trimming, &c., these being well known; nor is it new to cover an ordinary body with a common wove material. The neat fitting of the cover to the crown of the hat depends also on the skill, taste, &c., of the person attending to that special branch of the manufacture. If desirable, the covering material may be woven especially for the intended purpose, the size and number of the meshes varied according to pleasure, taste, fitness, &c.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent of the United States, is—

As an article of manufacture, a hat made of cloth having meshes, substantially as described, and a perforated hat-body.

R. S. NICKERSON.  
JAS. WALLACE.

Witnesses:

DAVID BEISLER,  
WELLS WALTON.