

W. S. Nelson.

Ventilating Hats.

N^o 57554

Patented Aug. 28, 1866.

Fig. 5.

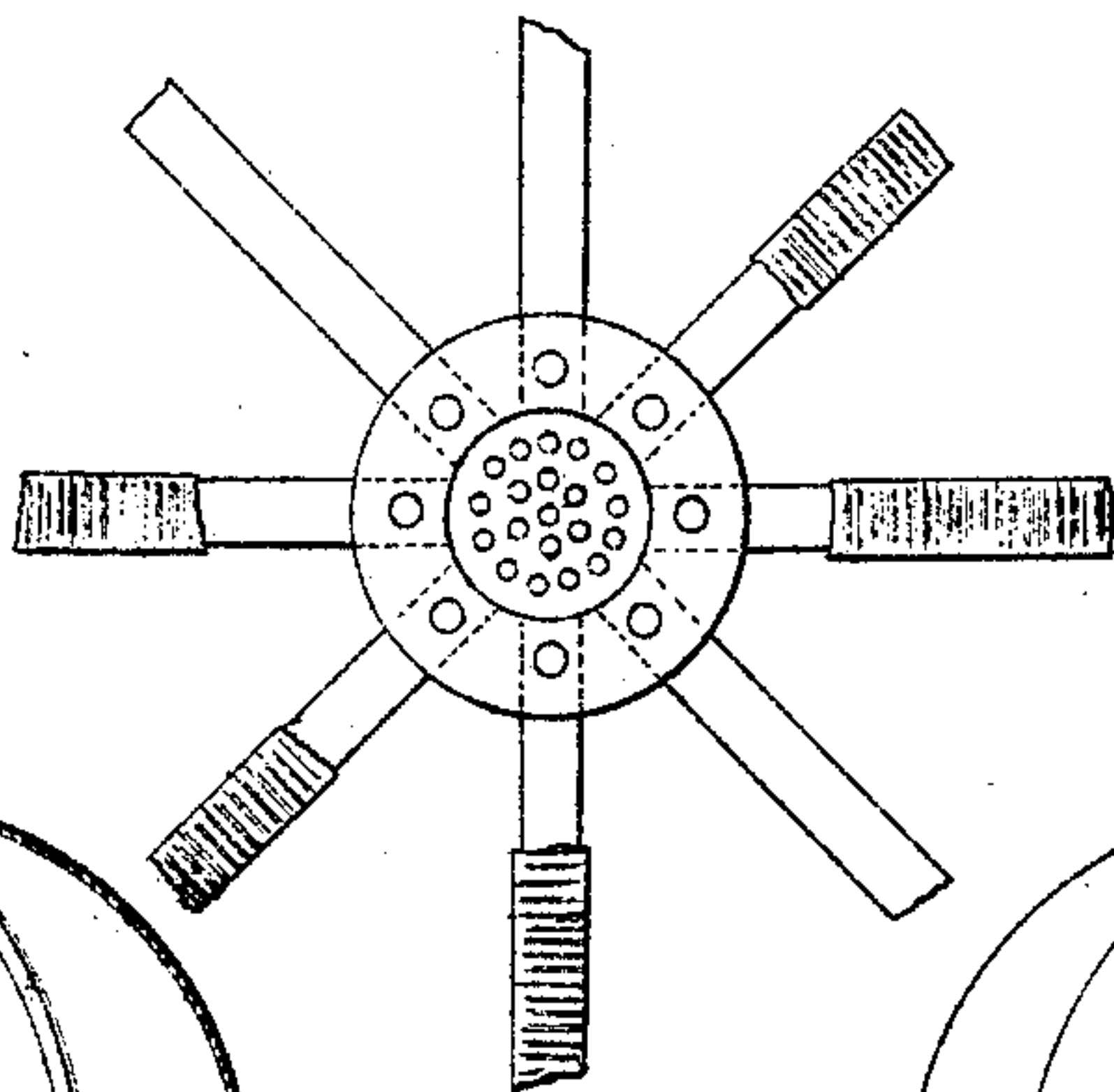


Fig. 1.

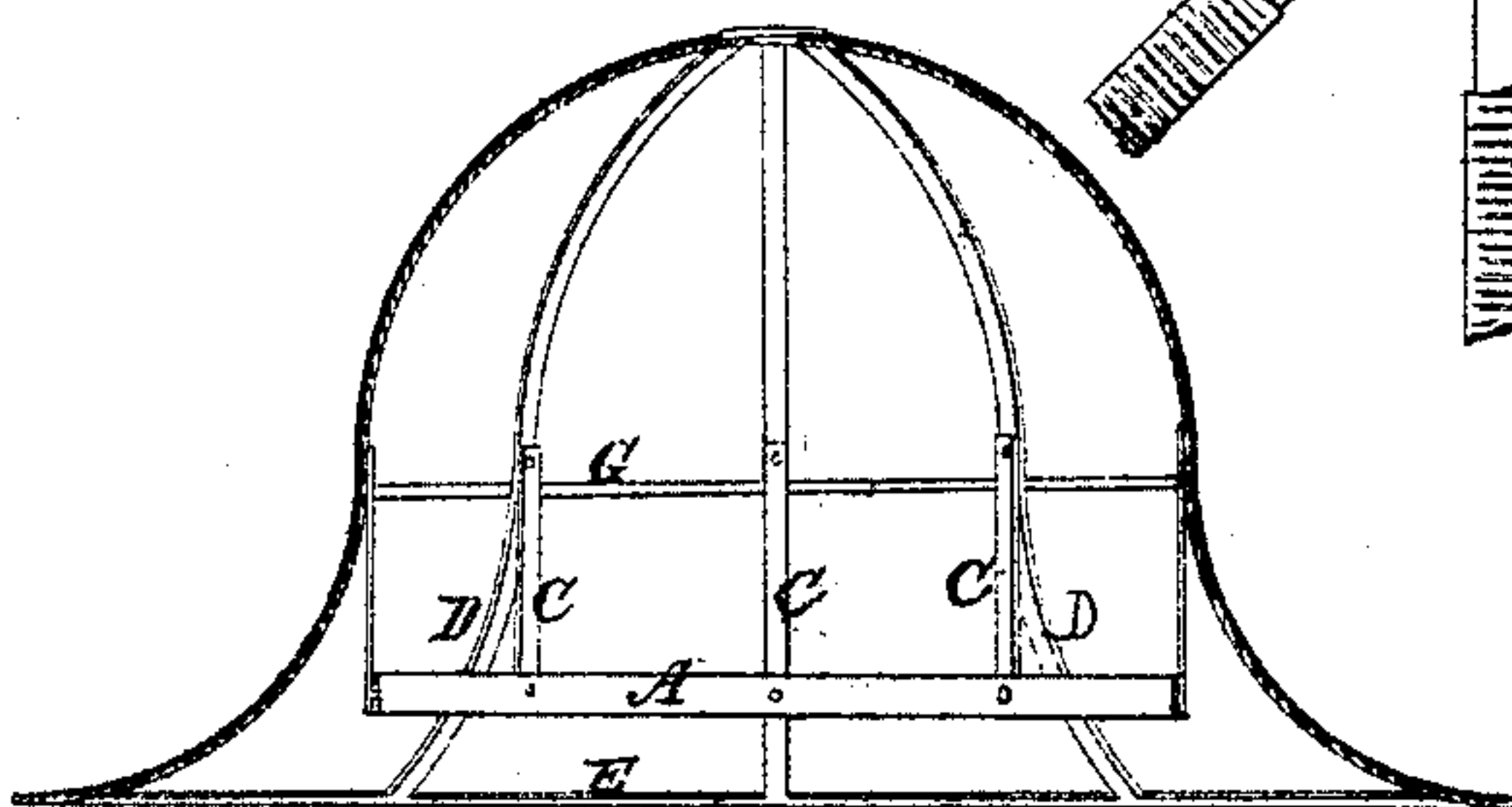


Fig. 2.

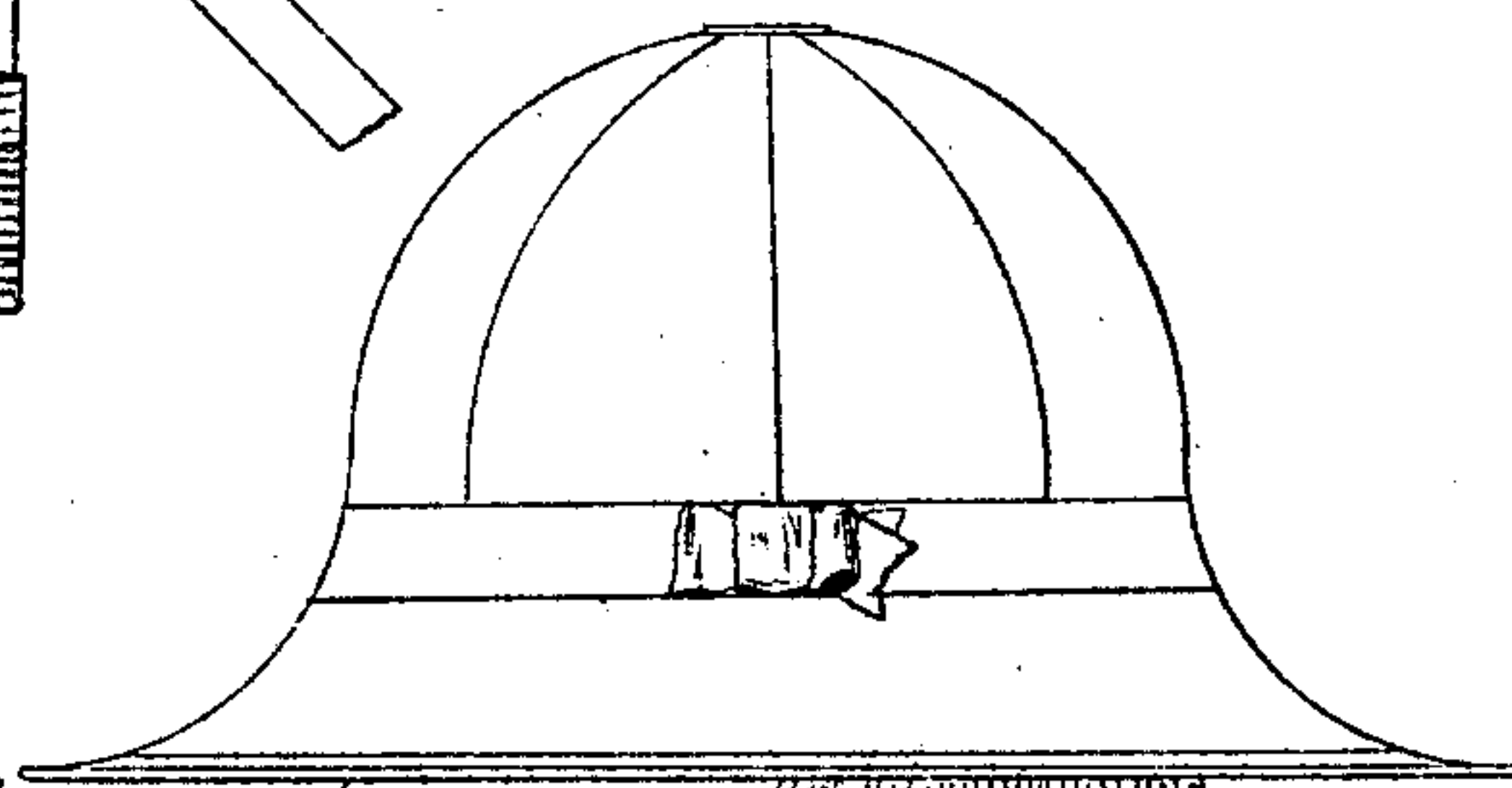


Fig. 3.

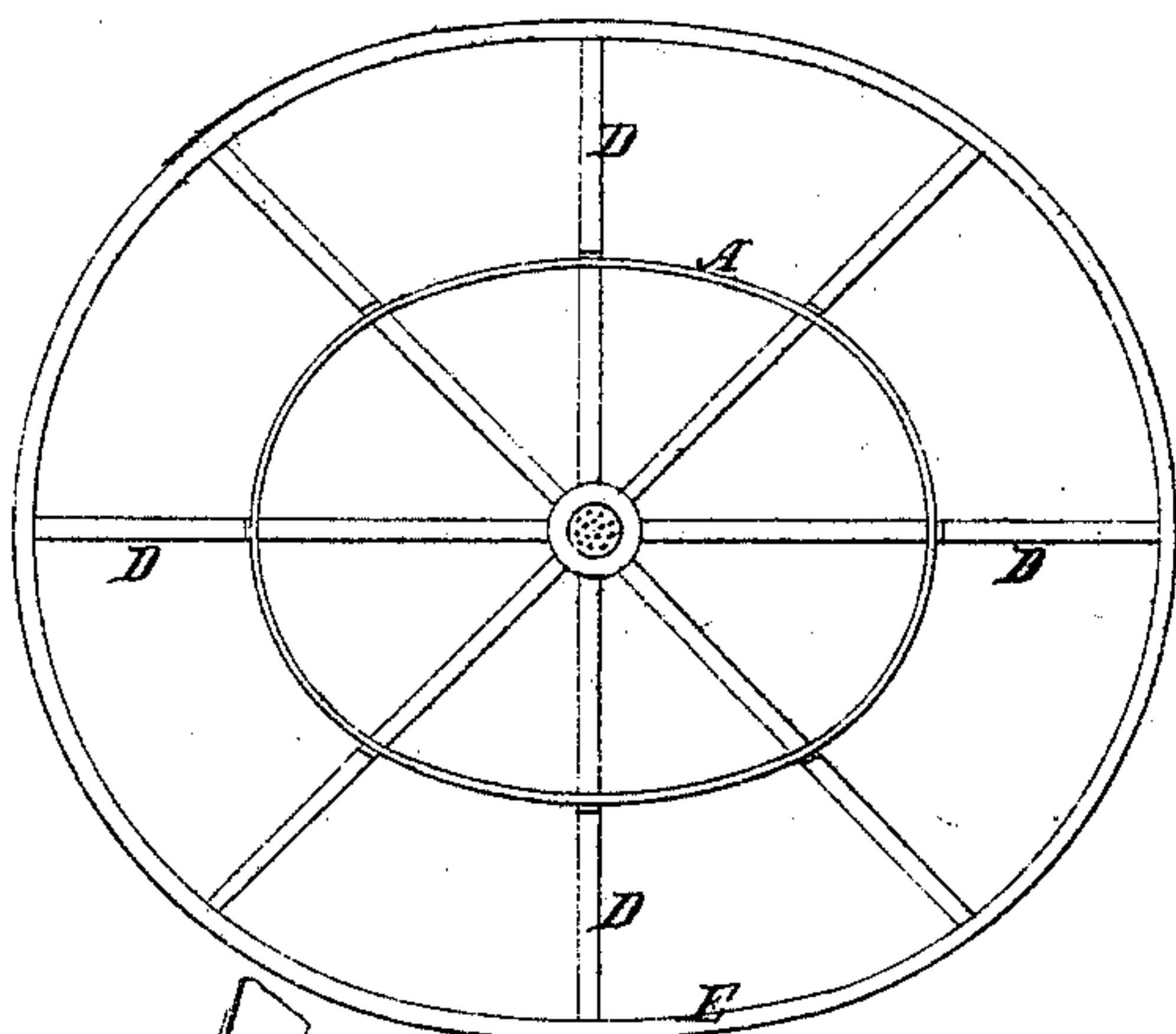


Fig. 6.

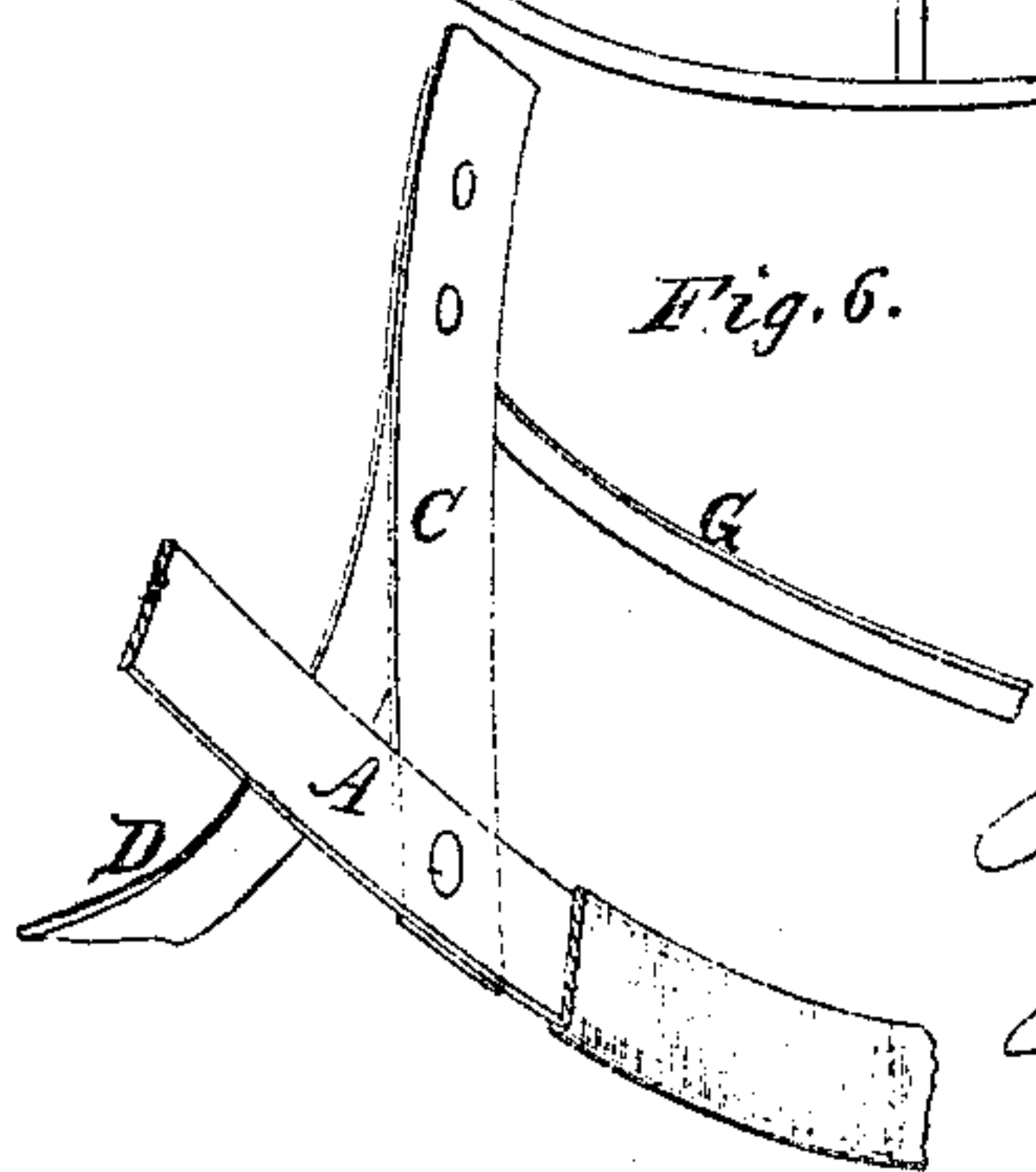
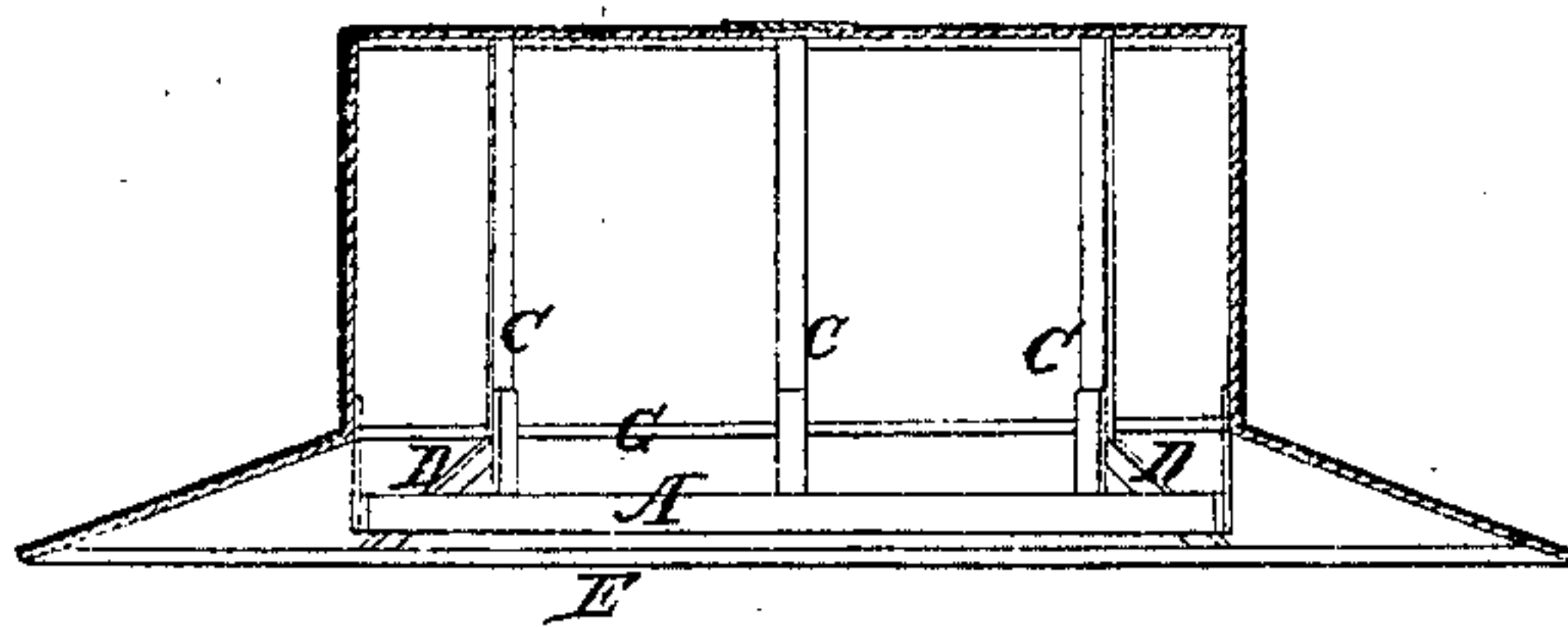


Fig. 4.



Witnesses.

For a Service
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UNITED STATES PATENT OFFICE.

WILLIAM S. NELSON, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN HATS.

Specification forming part of Letters Patent No. 57,554, dated August 28, 1866.

To all whom it may concern:

Be it known that I, WILLIAM S. NELSON, of St. Louis, in the county of St. Louis and State of Missouri, have invented a new and useful Improvement in Hats, Bonnets, &c.; 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.

The nature of my invention consists in providing a light band or hoop encircling the head, to which are attached upright side frames for the purpose of supporting the material with which the hat is covered. To these are attached rim frames with a hoop at their extremities and another at the point where they meet the side frames, which point being above the band which surrounds the head, a current of air is allowed to pass freely around the head, keeping it at all times comfortable.

To enable others skilled in the art to understand my invention, I will proceed to describe the same, reference being had to the accompanying drawings, and the letters of reference marked thereon, of which—

Figure 1 is a side sectional elevation of one form of the hat having an oval top, and showing the side and rim frames. Fig. 2 is a side elevation of the same. Fig. 3 is a bottom view of the hat, showing the side and rim frames and their relative position. Fig. 4 is a side sectional elevation of another form of hat having a flat top. Fig. 5 shows the attachment of the side frames to the crown-piece. Fig. 6 is a portion of the side and rim frames, showing their attachment to each other.

Similar letters of reference indicate like parts.

In the drawings shown, A represents a band of steel, or other suitable material, of such size as to fit the head. To this band, at equal distances apart, I attach, by means of rivets or otherwise, any sufficient number of side

frames, C C C, which serve to support the material with which the hat may be covered, and which meet in the center at the top. I then fasten to these side frames, at a short distance above the band A, other frames, D D, of such a length that, being bent outward, they will support and shape the material forming the rim of the hat.

For the purpose of stiffening and keeping these rim-frames in place, I attach to their outer ends a light circular hoop, E. I also attach a light hoop, G, to the side frames at their junction with the rim-frames, this giving the necessary stability to the whole and insuring the proper shape.

The hoops, together with the side and rim frames, may be constructed of brass, steel, or any other material, as may be most convenient, and of such size as to give great lightness to the hat. The frames are then covered with brocade or other substance, and the outside of the hat is covered with cloth, according to the taste of the manufacturer.

Although I have only described in this specification the construction of hats, I do not wish to limit myself to these alone, but desire to apply the same to bonnets, or other coverings for the head, as the same principle may be applied to all.

I do not claim, broadly, the use of frames to hats, nor the space between the sweat-band A and the body of the hat for ventilation; but

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

The arrangement of the band A, the connected side frames, and rim-frames, with the hoops E and G, substantially as described, and for the purpose herein set forth.

The above specification of my invention signed by me this 21st day of December, 1865.

WM. S. NELSON.

Witnesses:

GEO. C. FABIAN,

ROB. P. ROBINSON.