

(No Model.)

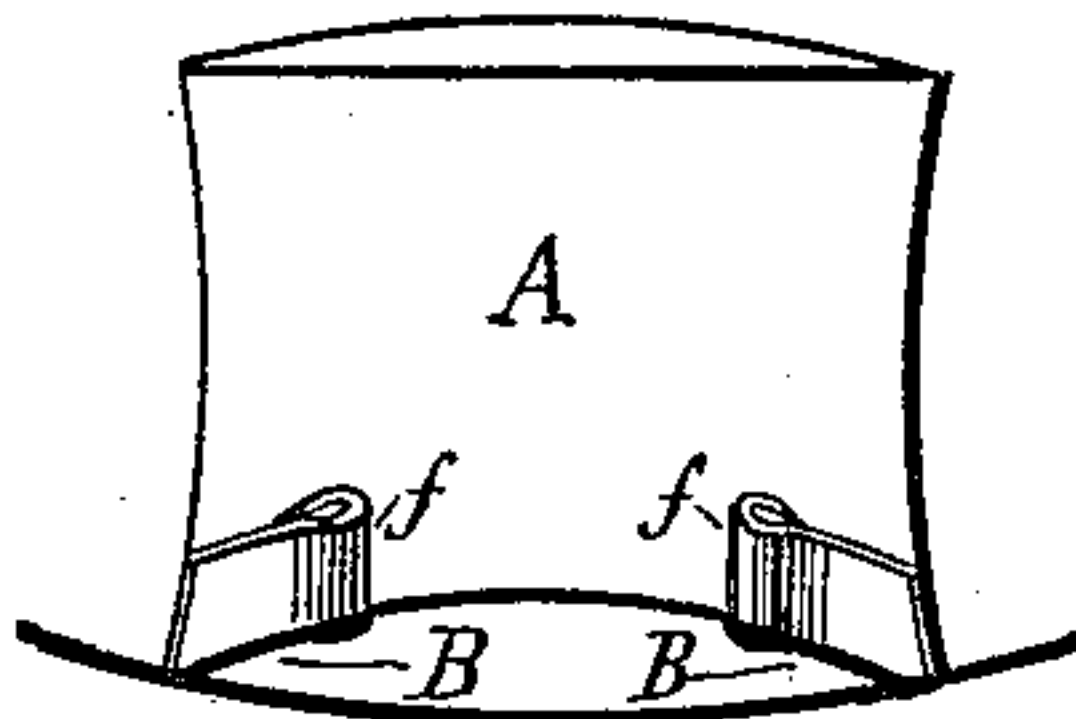
2 Sheets—Sheet 1.

F. C. BOWEN.  
HAT VENTILATOR.

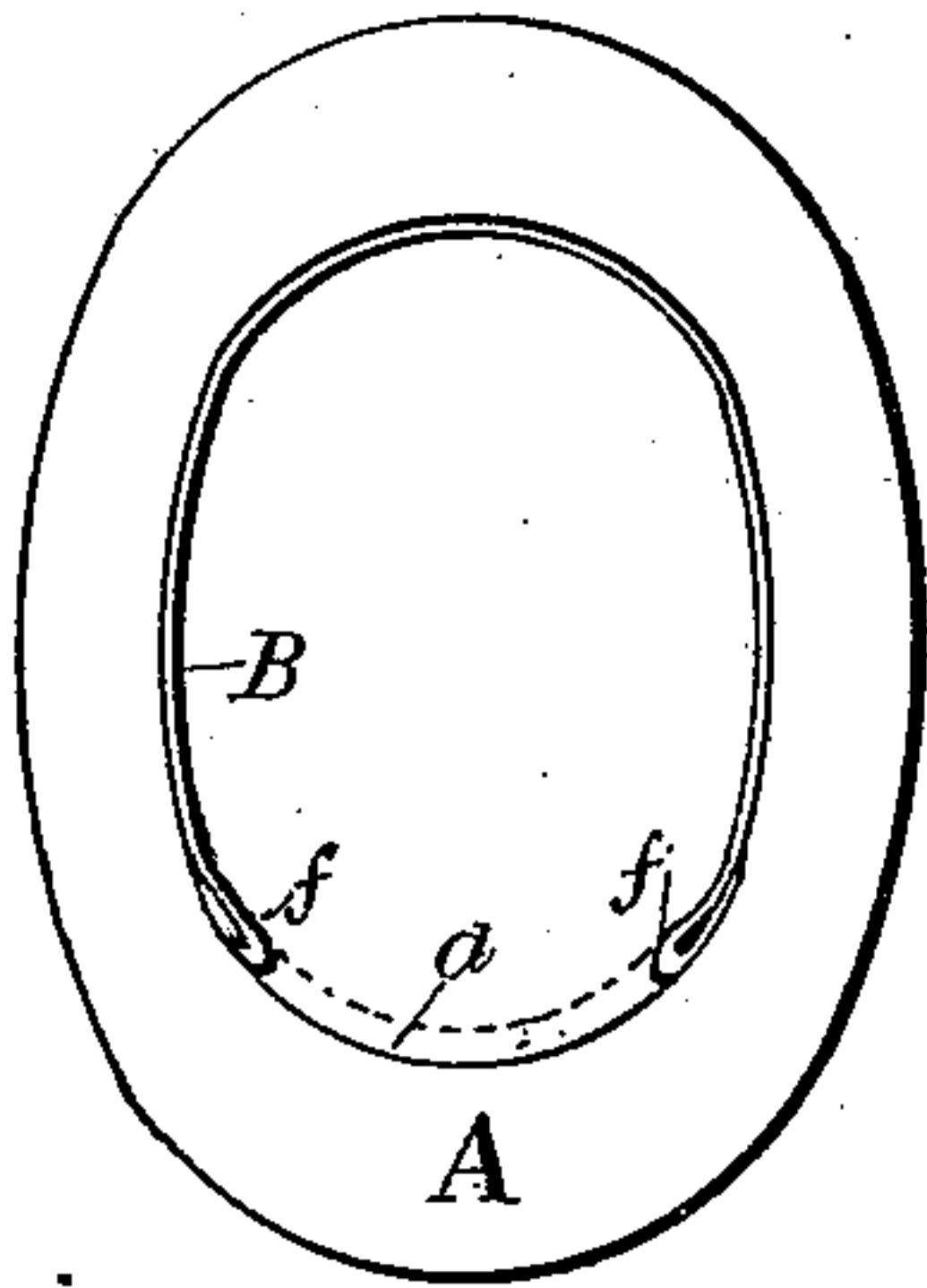
No. 337,124.

Patented Mar. 2, 1886.

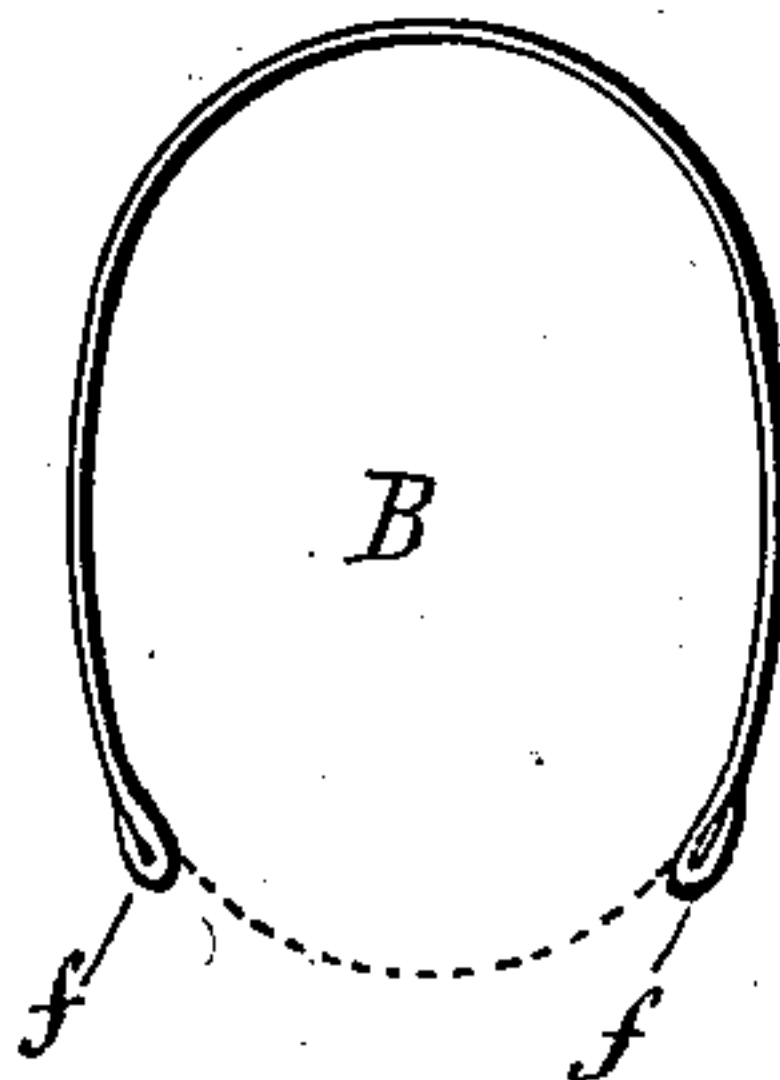
*Fig. 1.*



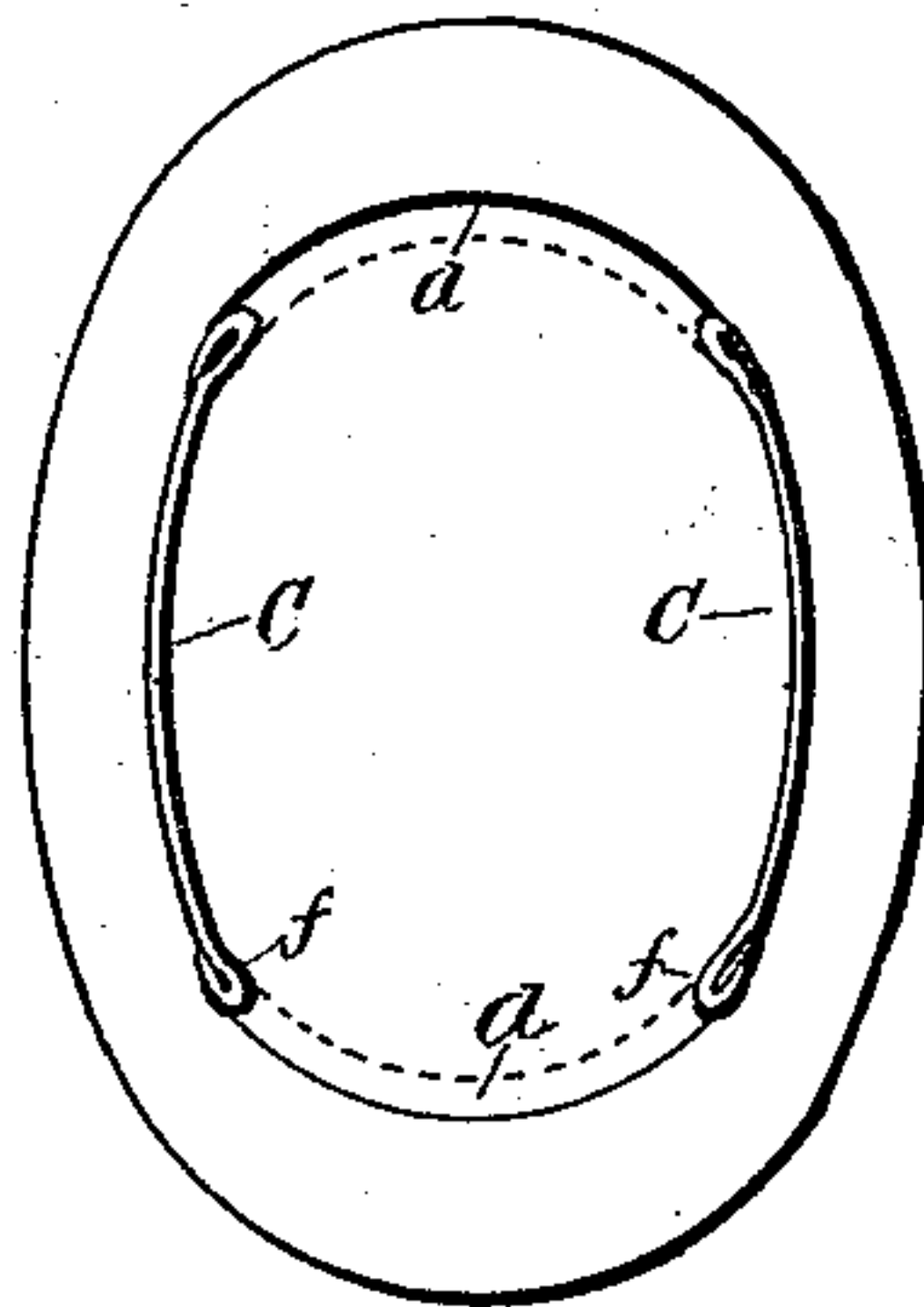
*Fig. 2.*



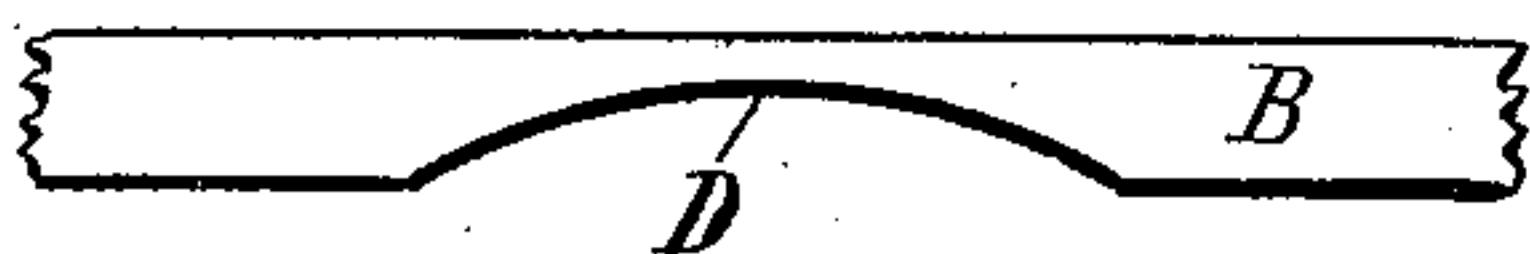
*Fig. 3.*



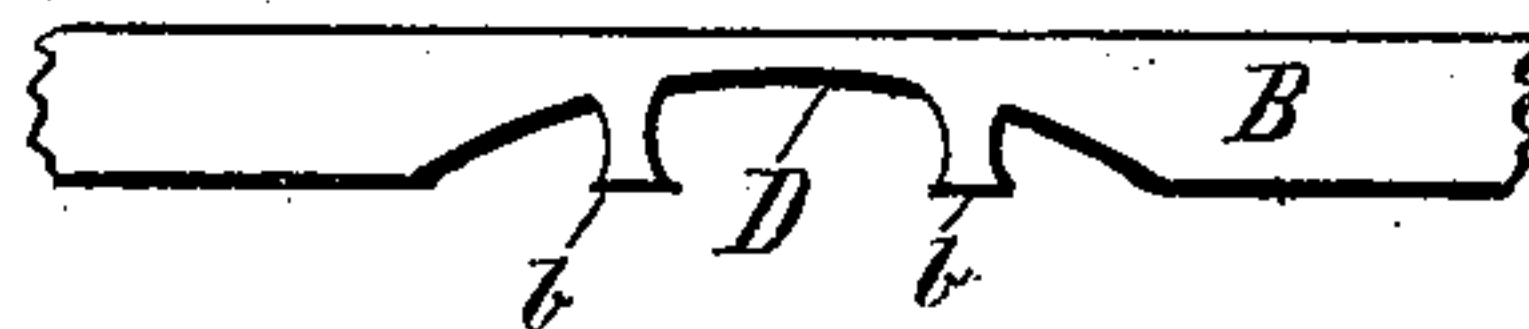
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



*Fig. 7.*



WITNESSES:

*Jas. S. Crook  
 Henry C. Whitson*

INVENTOR

*Francis C. Bowen.*

(No Model.)

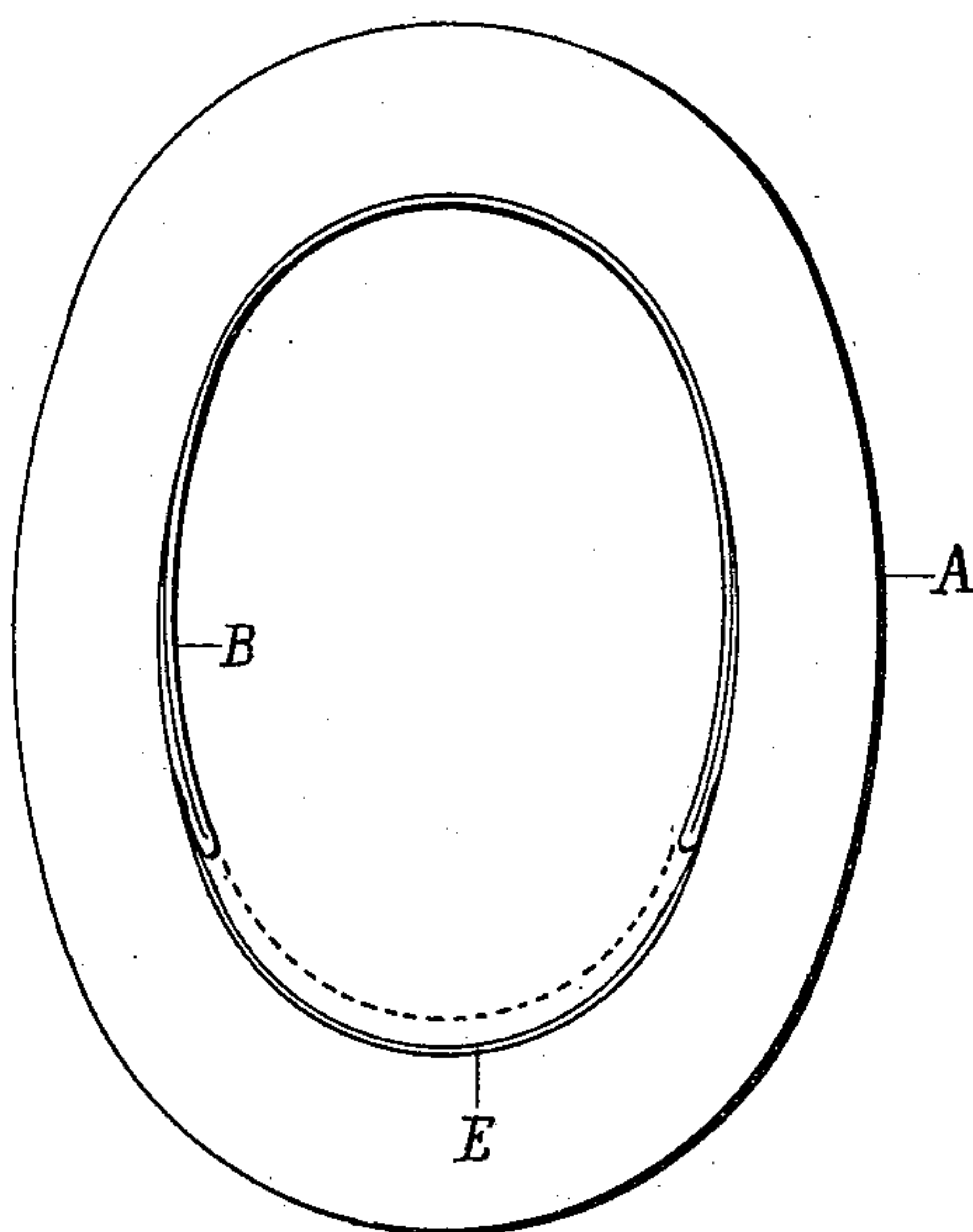
2 Sheets—Sheet 2.

F. C. BOWEN.  
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No. 337,124.

Patented Mar. 2, 1886.

*Fig. 8.*



WITNESSES:

*Geo. S. Cuthbert.*  
*Thos. Bogan.*

INVENTOR

*Francis C. Bowen.*



# UNITED STATES PATENT OFFICE.

FRANCIS C. BOWEN, OF NEW YORK, N. Y.

## HAT-VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 337,124, dated March 2, 1886.

Application filed September 26, 1885. Serial No. 178,303. (No model.)

*To all whom it may concern:*

Be it known that I, FRANCIS C. BOWEN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Hat-Ventilators, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of this invention is to so construct the sweat-band of a hat as to leave the hat partially or entirely out of contact with the forehead or back of the head or both. For this purpose the sweat-band may have a part of its front or back portion cut out. The terminals of those portions of the sweat-band coming in contact with the head are doubled, or the terminal ends may be folded each upon itself to elevate the band at those points or portions, and in the manufacture of the hat it should be made longer than ordinarily, so that the line of the inner surface of the hat is beyond the line of curvature of the sweat-band, leaving an unoccupied space for the free circulation of air between the forehead or back of the head, as the case may be, and the inner surface of the portion of the hat nearest to the brim.

Instead of doubling the ends of the bands, wedge-shape pieces may be placed under the terminal ends with a like effect, or the terminal ends may be otherwise suitably enlarged, such ends being secured to the hat by stitching or other suitable means.

In the accompanying drawings, Figure 1 is a cross-section of a hat, showing the sweat-band applied thereto, looking toward the front of the hat. Fig. 2 is an inverted plan view of a hat containing the band. Fig. 3 is an edge view of the sweat-band. Fig. 4 is a view of the brim of a hat, showing a sweat-band applied when made in two sections. Figs. 5 and 6 are face views of the sweat-band, showing portions cut out and provided with limbs. Fig. 7 is a view of an auxiliary protecting-piece hereinafter described. Fig. 8 is a plan view of a hat, showing the protecting-piece in position.

Similar letters of reference indicate corresponding parts.

The letter A designates a hat, B the sweat-band, made of any suitable material and extending partly around the inside of a hat, as

shown in Fig. 1, and having its terminal ends *ff* folded each upon itself, or the ends of the sweat-band may be gradually enlarged in their manufacture.

Fig. 4 shows a sweat-band made in two sections, C C, leaving a space, *a a*, in the front and back portion of the hat open to permit a free circulation of air between the head and the inner surface of the hat at those points, and if found desirable those sections may be again divided, so as to permit a current of air from side to side of the head. The space or portion on the inside of the hat opposite the space or spaces of the sweat-band may be finished as the other portions of the outside of the hat, or said space or spaces may be provided with a suitably-shaped piece, E, of material forming protection, as shown in Fig. 7, for that portion of the hat in case it should come in contact with the head, said protecting-piece being cut approximately in the shape of the opening in the band and being fastened by stitching or other suitable means, as shown in Figs. 7 and 8, or the band may be constructed with a cut-out portion, D, as shown in Figs. 5 and 6, and, if desirable, may be provided with limbs *b b*, as shown in Fig. 6, so that the limbs only will come in contact with the head.

In carrying out my invention the hats are made larger than ordinarily, so that the line of the inner surface of the hat is beyond the line of the curvature of the sweat-band, leaving an unoccupied space for the circulation of air, and at the same time relieving the forehead or back of the head or both from the pressure and annoyance of having the sweat-band in contact with the forehead or back of the head or both, thereby preventing inconvenience caused by hats with sweat-bands extending entirely around the head.

If desirable, a suitable spring or reed may be used for holding the sweat-band in position.

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

1. A hat sweat-band extending partially around the inside of a hat and having its terminal ends folded upon itself and secured to the hat, substantially as shown and described.

2. A hat sweat-band extending partially around the inside of a hat and having its terminal ends provided with wedge-shaped or

other suitably enlarged pieces and secured to the hat, substantially as and for the purpose herein described.

- 5 3. The combination, with a hat sweat-band extending partially around the inside of a hat, of a suitably-shaped protecting-piece arranged on the inside portion of the hat opposite the open portion or portions of the sweat-band, substantially as shown and described.
- 10 4. The combination, with a hat sweat-band extending partially around the inside of a hat

and having its terminal ends provided with enlargements, of a protecting-piece arranged on the inside of the hat opposite the open portion or portions of the sweat-band, substantially as shown and described. 15

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS C. BOWEN.

Witnesses:

JAS. S. EWBANK,  
HENRY C. JOHNSTON.