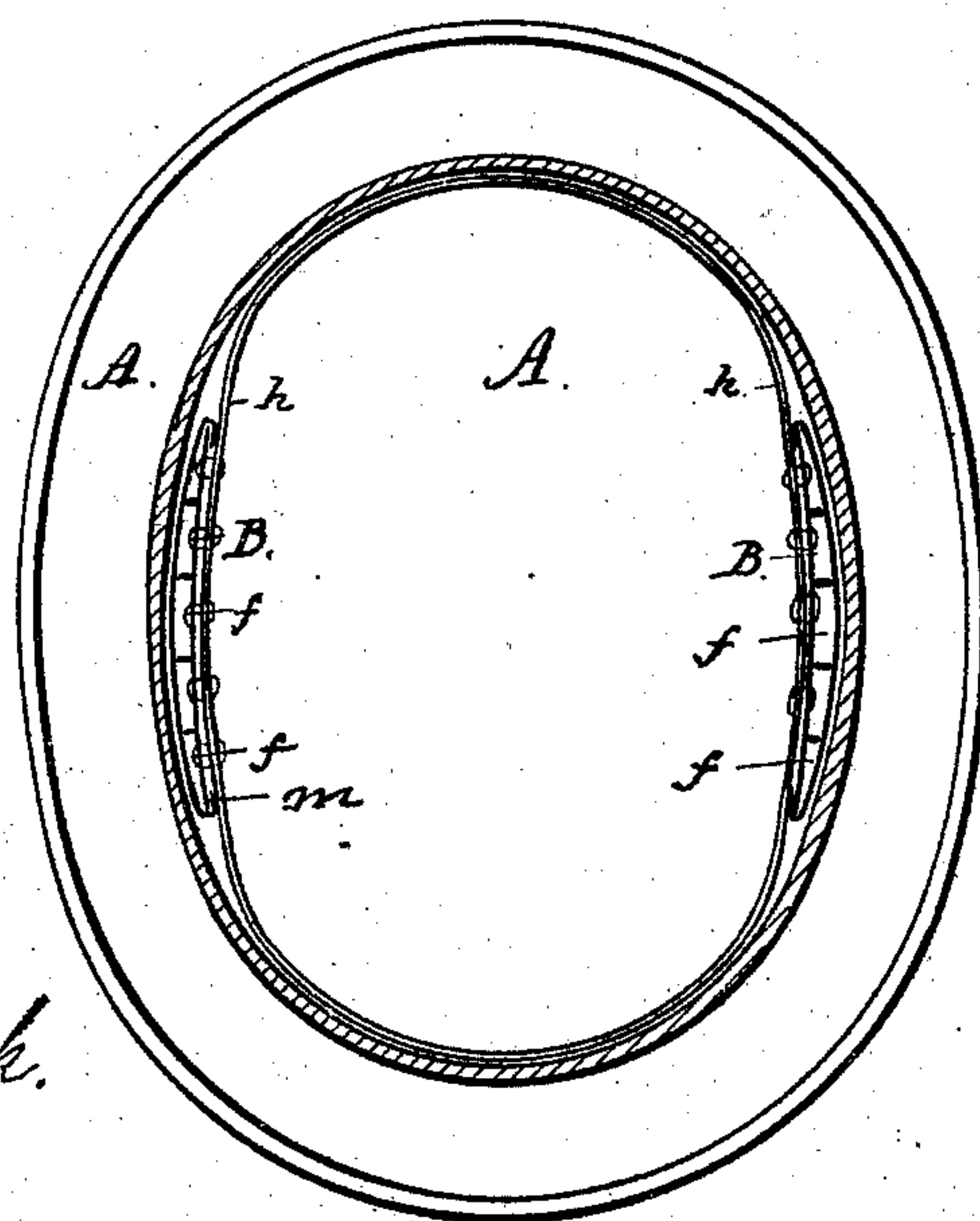
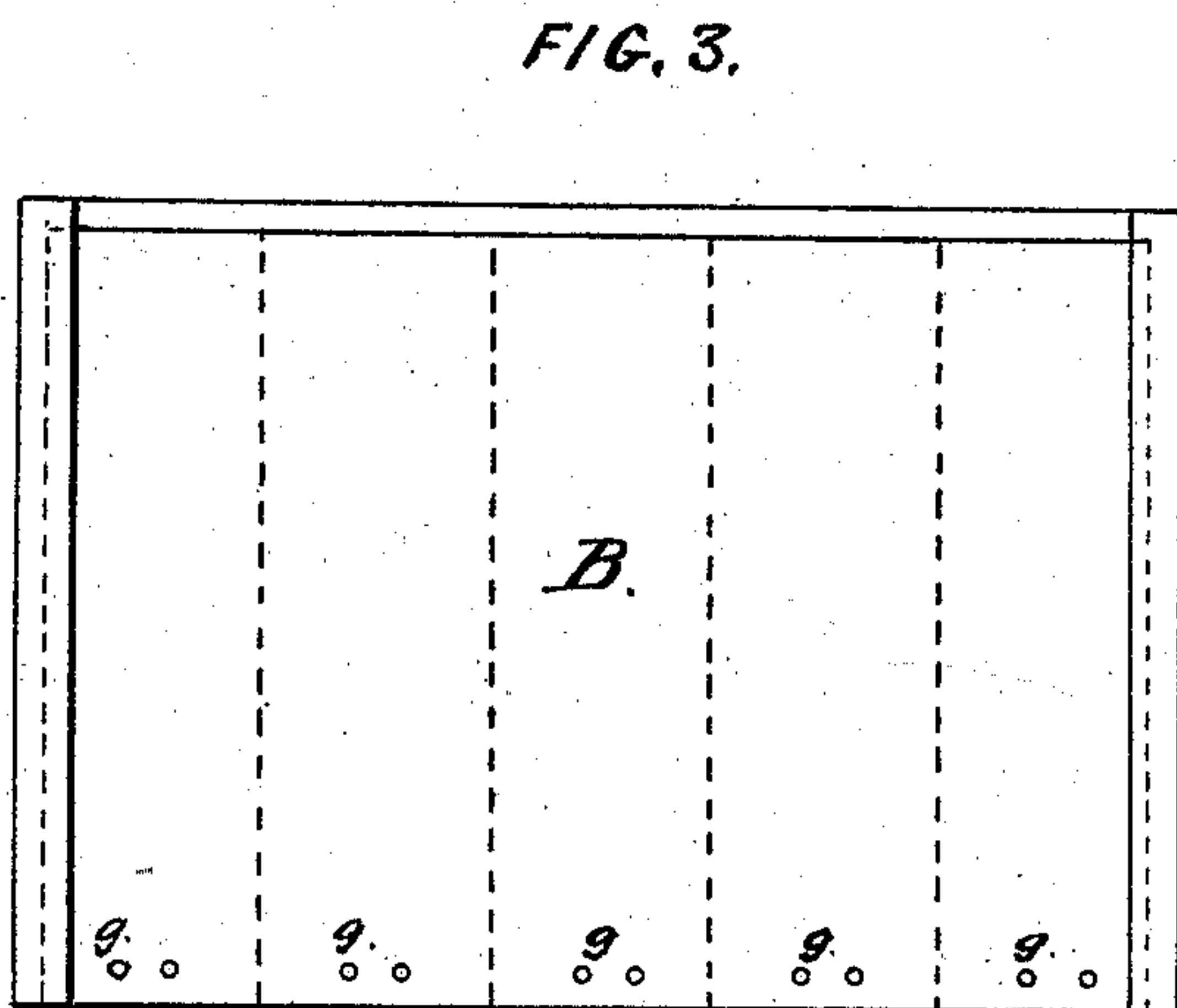
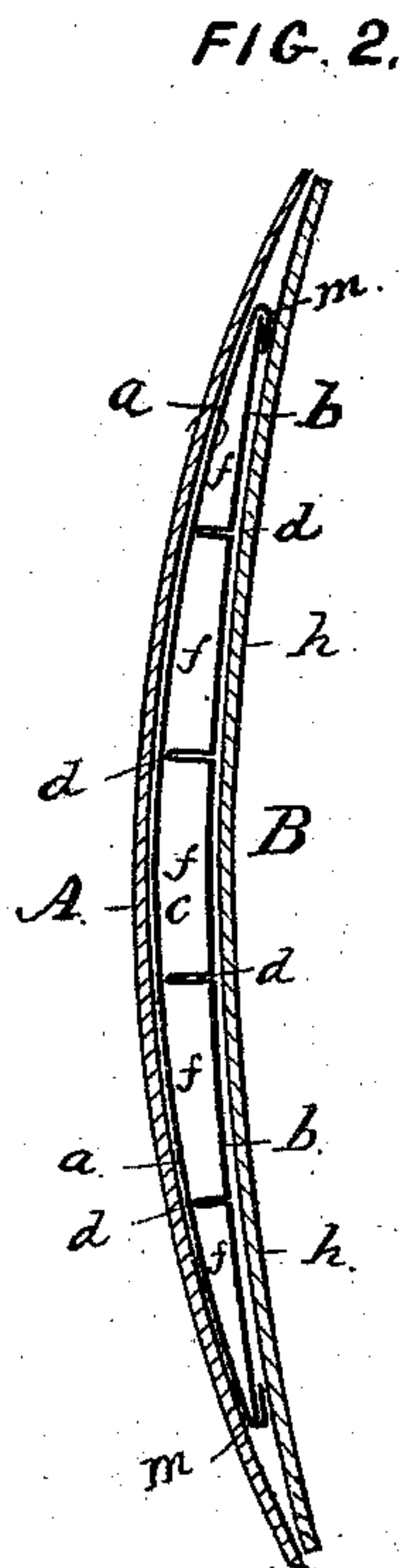
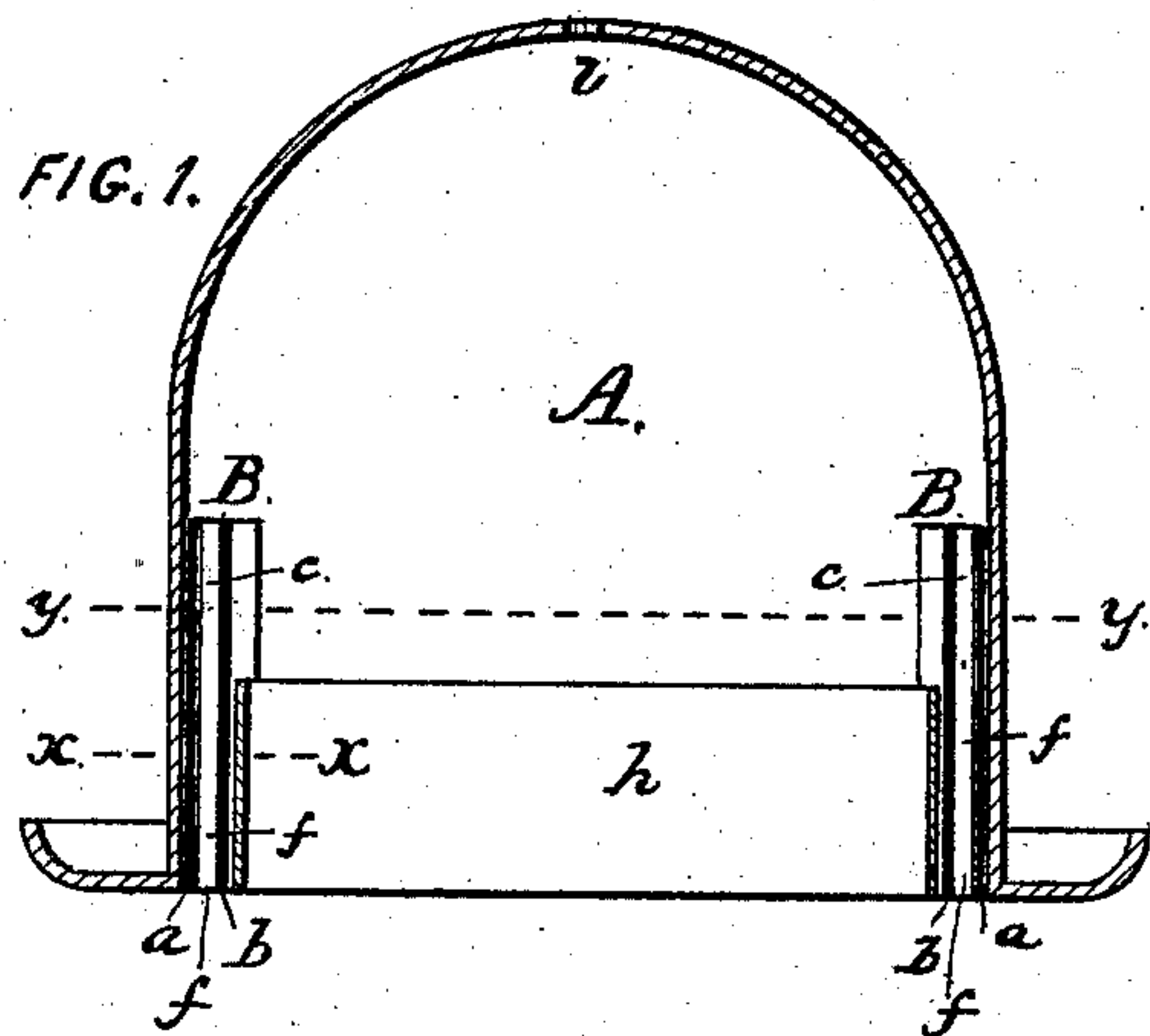


J. B. DILLAWAY.
HAT-VENTILATOR.

No. 171,103.

Patented Dec. 14, 1875.



WITNESSES.

Robert J. Dillaway
Edwin Albert Kirk

INVENTOR.

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UNITED STATES PATENT OFFICE.

JOSEPH B. DILLAWAY, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN HAT-VENTILATORS.

Specification forming part of Letters Patent No. **171,103**, dated December 14, 1875; application filed September 10, 1875.

To all whom it may concern:

Be it known that I, JOSEPH B. DILLAWAY, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Hat-Ventilators, of which the following is a specification:

This invention relates to the ventilation of hats and caps of men's, women's, and boys' wear, and consists in an attachment of novel construction, to be located against the inner side of the hat-body, whereby, with a suitable aperture or apertures in the upper part of the hat, air-currents can pass through the hat as it is worn, and thus ventilation be secured, all as is hereinafter fully described.

In the accompanying plate of drawings, Figure 1 is a vertical sectional view of a hat with my improved ventilator attachment applied; Fig. 2, a sectional view on line *xx*, Fig. 1, and on an enlarged scale; Fig. 3, a face view of the ventilator attachment separate and detached; Fig. 4, a section on line *yy*, Fig. 1.

In the drawings, A represents a hat, which may be of any kind and style, and B my improved ventilator attachment, two of which are shown, one upon each side of the hat, and directly opposite to each other.

The ventilator B consists of two plates, *a* and *b*, the one, *a*, arc-shaped to correspond with the arc of the circle of the hat, where it is to be applied, and the other, *b*, also arc-shaped, to fit and conform to the head of the wearer. These two plates *a* and *b* are secured together at each end, and between the ends there is a space, *c*, between the plates, divided by partitions *d* into a series of passages or flat-shaped tubes, *f*, all of which are open at each end. *g*, holes in plates *a* and *b*, by which to stitch the one plate *a* to the inside of the hat-body, and the other plate *b* to the sweat-band *h*, bringing the plates in and between the sweat-band and the hat-body with one series

of the open ends to the passages *f* at the lower edge of the sweat-band, and the other series above the sweat-band *h* inside of the hat-body, which, at the center of its top, has an aperture, *l*.

The passages *f* between the plates *a* and *b* are ways together with the aperture *l* in the top of the hat for a circulation of air through the hat when worn, thereby securing the ventilation of the interior of the hat.

The plates *a* and *b* are made of thin sheet metal, and the partitions or walls *d* are continuous with and made from one of the plates *a*, as shown more particularly in Fig. 2 of the drawing. I also adapt the plates *a* and *b* to be secured together, by sliding one upon the other, which for such purpose is bent over at each end to make ways or grooves *m*, into which to slide the other plate.

The ventilator B can be duplicated or made so as to extend entirely around the hat, &c., if desired, although satisfactory results are produced by it, as shown.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The hat-ventilator herein shown and described, the same consisting of the two metallic plates *a* and *b*, one of which is attached to the hat-body, and the other constructed with a series of partitions or flutes, *d*, and overlapped at its ends by the other plate and secured to the sweat-band, all as herein set forth.

The above specification of my invention signed by me this 23d day of August, A. D. 1875.

JOSEPH B. DILLAWAY.

Witnesses:

EDWIN W. BROWN,
EDWIN A. KIRK.