

F. W. TORWEGGE.
Hat-Tip.

No. 209,306.

Patented Oct. 22, 1878.

FIG. 1.

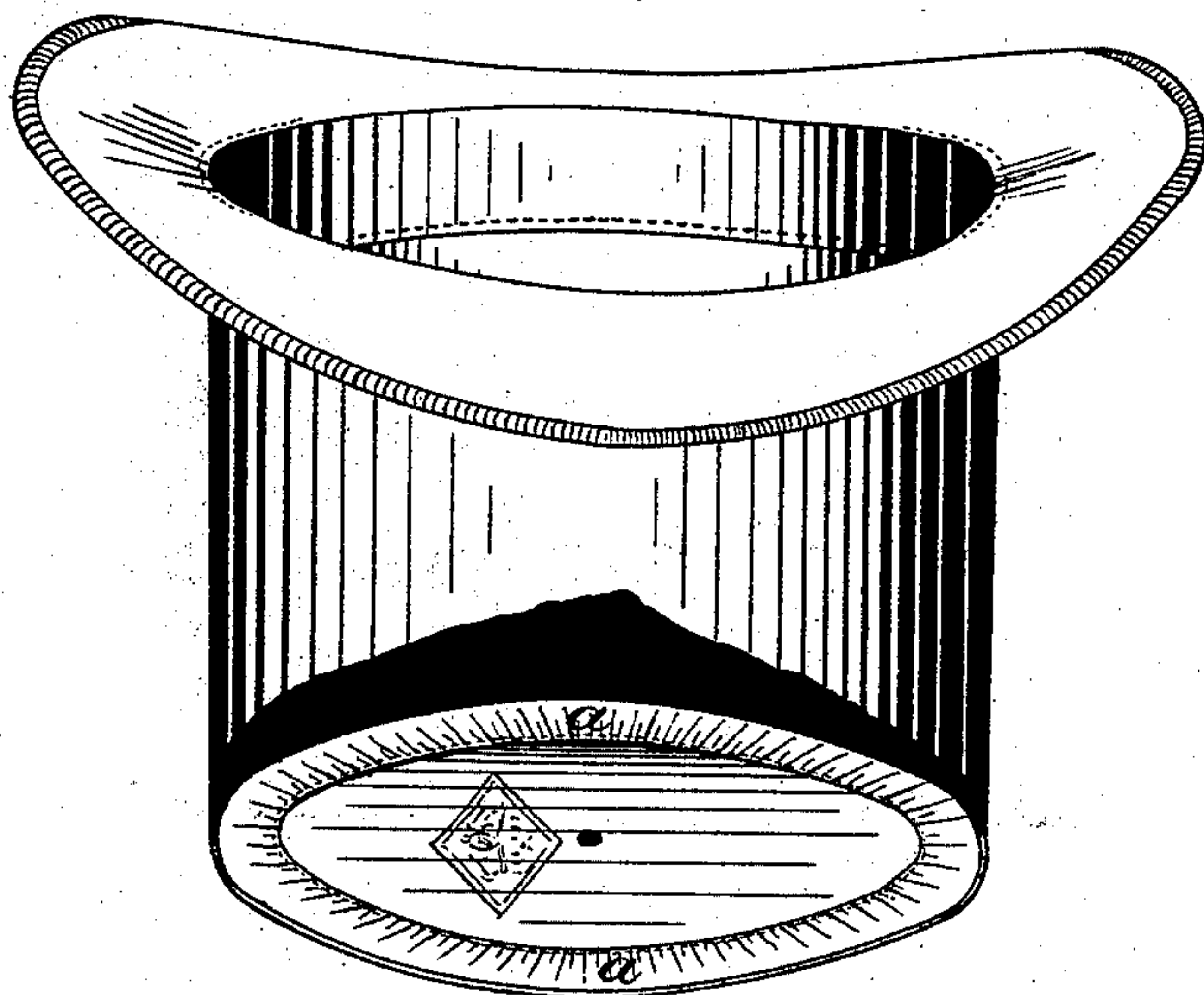


FIG. 2.

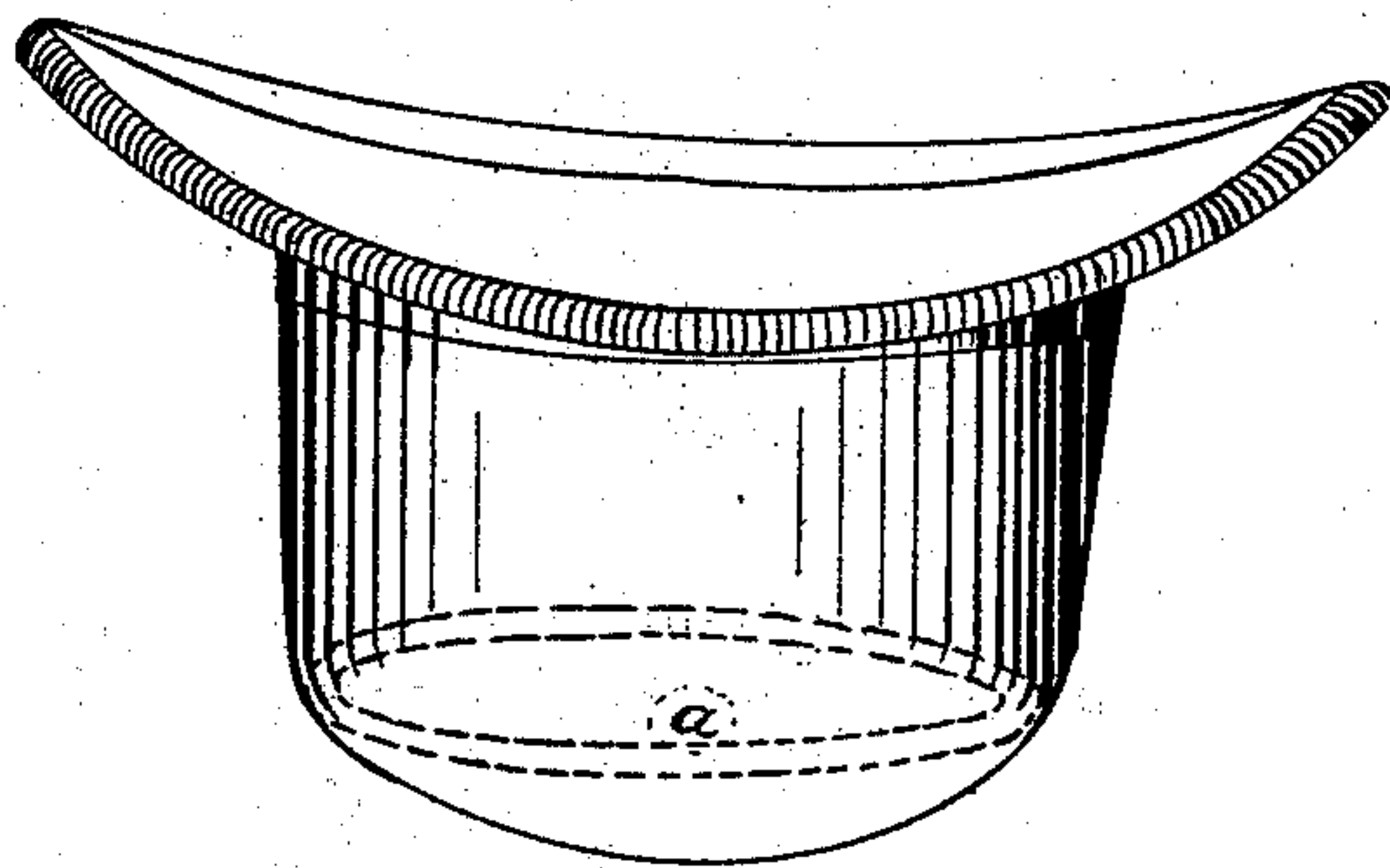
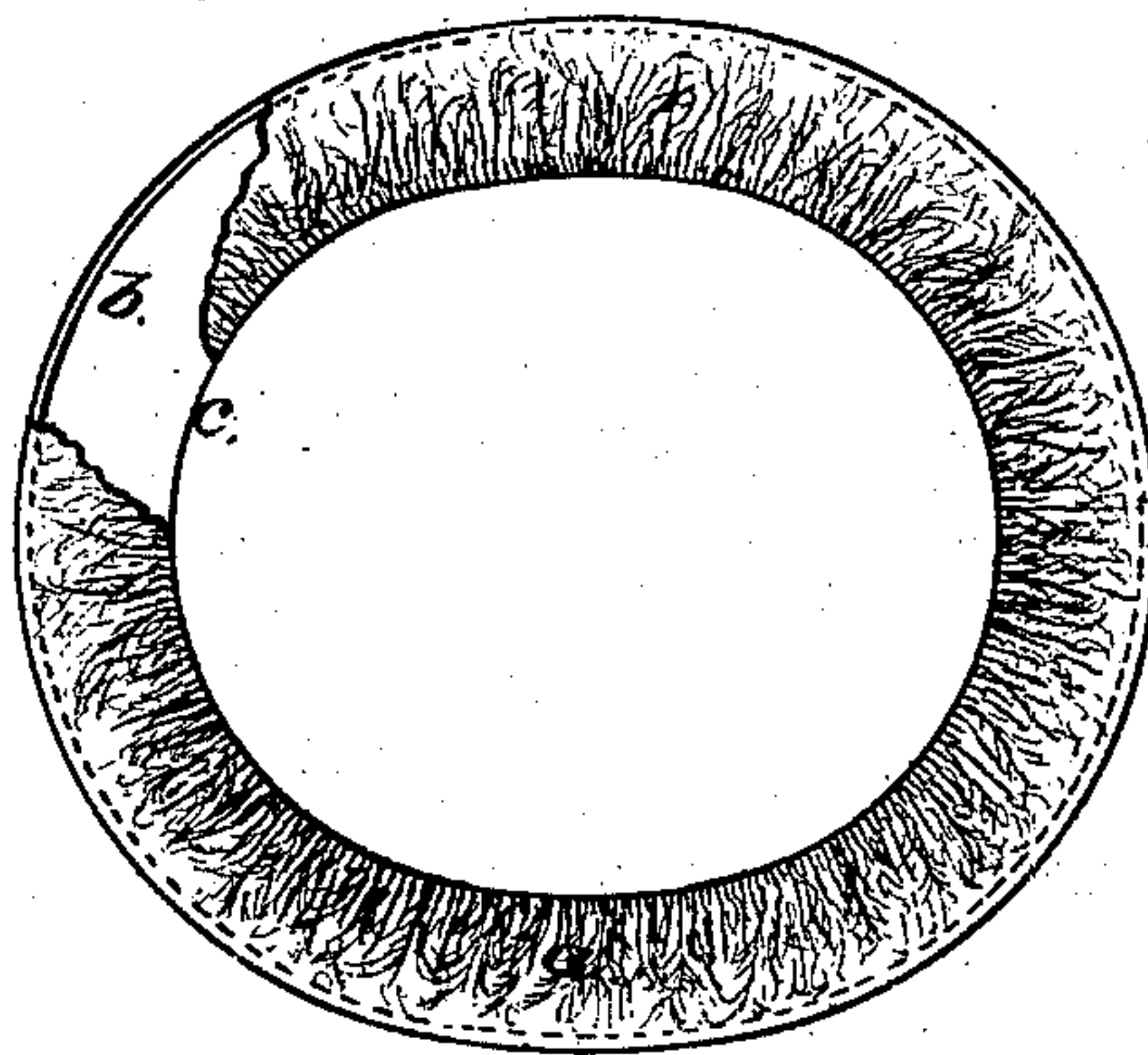


FIG. 3.



ATTEST:

Geo. H. Knight.
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Atty

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FREDERICK W. TORWEGGE, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN HAT-TIPS.

Specification forming part of Letters Patent No. **209,306**, dated October 22, 1878; application filed September 19, 1878.

To all whom it may concern:

Be it known that I, FREDERICK W. TORWEGGE, of the city and county of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Hat-Tips, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

The improvement consists in an annular curtain or tip made to fit the interior of the crown, to impart a handsome appearance, as set forth. It is intended to act as an improved substitute for the loose silk lining known as "English finish." It is much cheaper and less liable to become soiled or torn or to lose position in the hat. It also does away with much of the weight required for the support of the silk in the lining of the English body.

In the drawings, Figure 1 is a perspective view of a square-crowned silk hat, with part of the side broken away to show the tip. Fig. 2 is a perspective view of a round-crowned felt hat, showing the position of the tip by dotted lines. Fig. 3 is a top view of the tip, with part broken away to show the spreading-hoop and draw-cord.

The hat may have the shape shown in Fig. 2. In the former case (Fig. 1) the tip will remain in position by the expansive force of the hoop bearing against the sides of the crown; but in the latter case (Fig. 2) it is necessary

that it should be held in place by stitching or otherwise, because its proper position is inside the cylindrical part of the hat.

The construction of the tip is as follows: A strip of silk or other material, *a*, is taken and the edges folded back upon the same side. This side is inward when the tip is inserted in the hat, so as to hide the infolded parts. The outer edge is folded around the flexible hoop *b*, and the lapping parts are stitched together around inside the hoop. The inner edge is gathered by a draw cord or thread, *c*, so as to hold the fabric in the plane of the hoop.

The hoop *b* is made the required length to fit the inside of the hat, so that when the crown nearly approaches the cylindrical form, as shown in Fig. 1, the pressure of the tip against the sides of the crown holds it in position.

The position of the tip in the round-crowned hat (shown in Fig. 2) is indicated by dotted lines; and in this case the tip is secured by stitching or in any other suitable manner.

I claim—

The combination, with a hat, of the tip composed of web *a* stretched on expanding hoop *b*, for the purpose set forth.

FREDERICK W. TORWEGGE.

Witnesses:

SAML. KNIGHT,
HENRY TORWEGGE.