

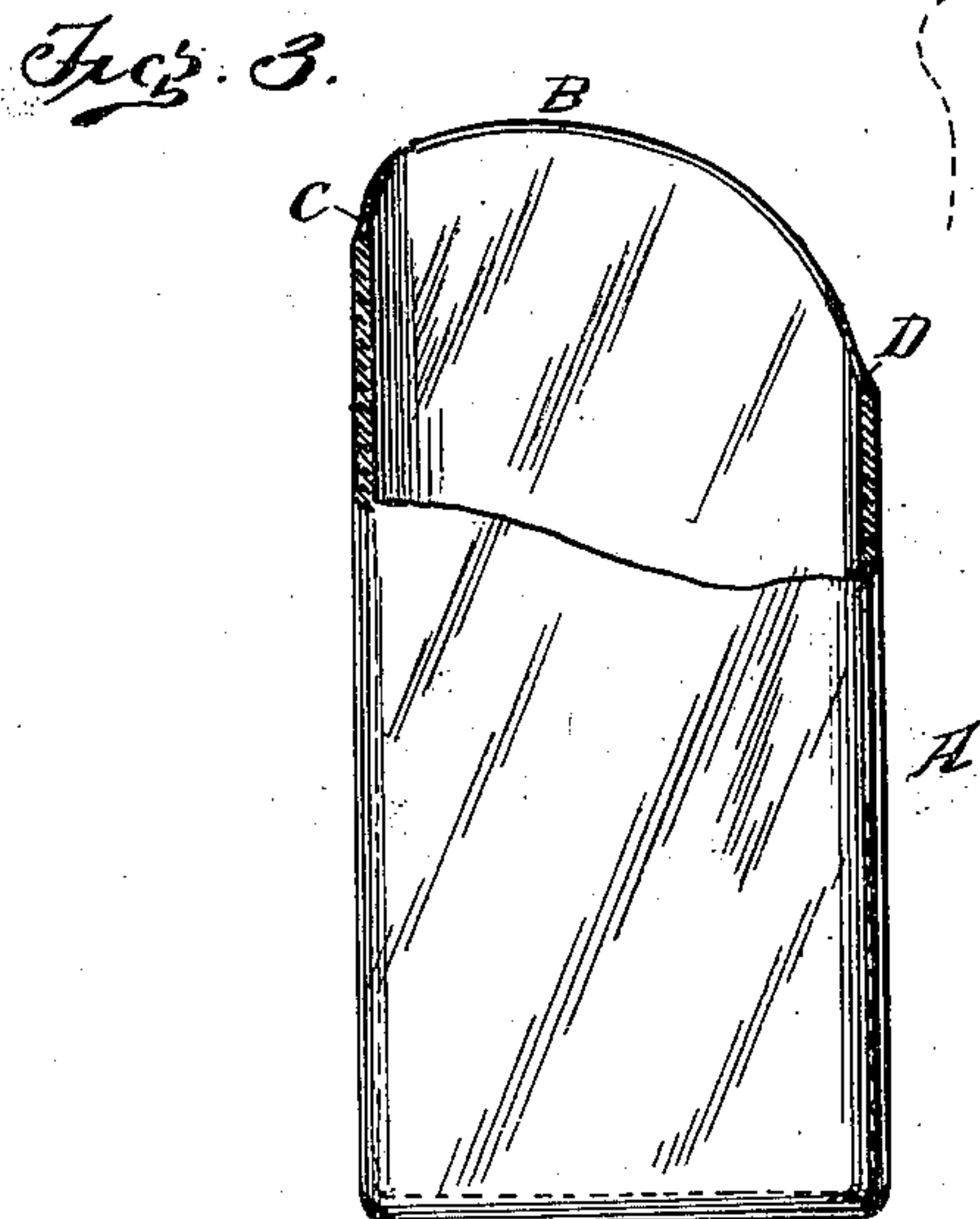
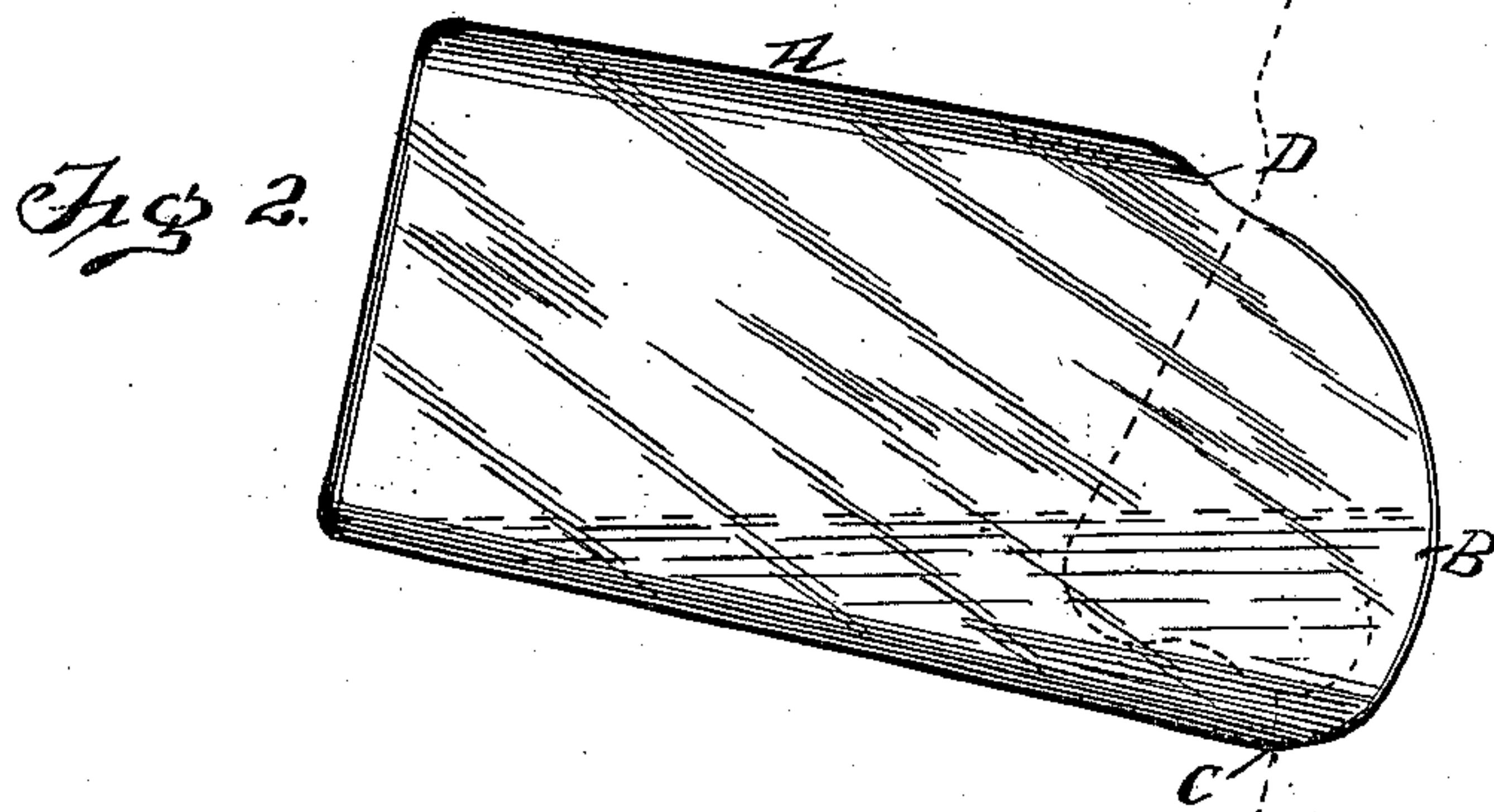
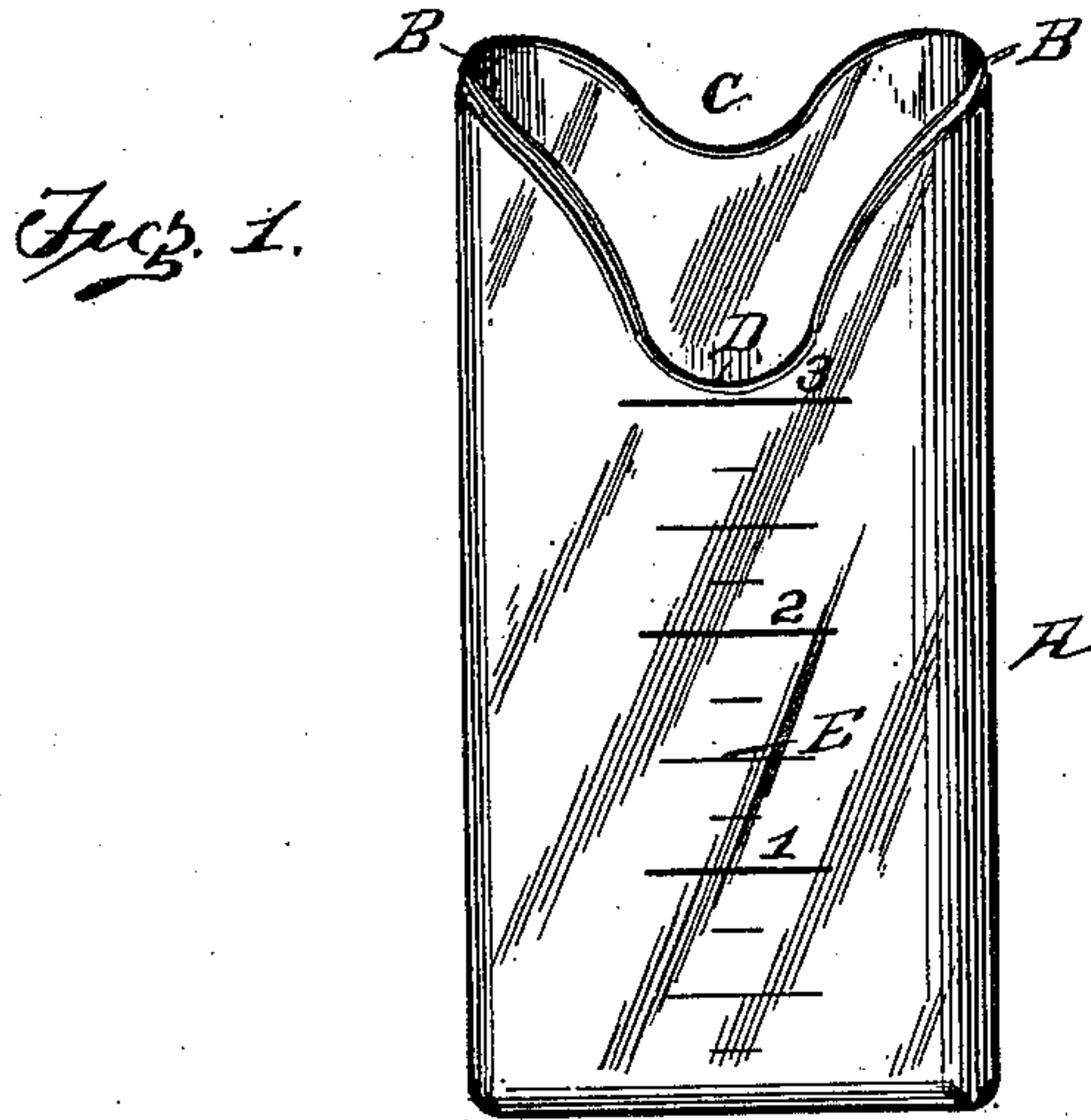
No. 687,139.

Patented Nov. 19, 1901.

W. J. EVANS.
NASAL CUP.

(Application filed May 28, 1901.)

(No Model.)



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NASAL CUP.

SPECIFICATION forming part of Letters Patent No. 687,139, dated November 19, 1901.

Application filed May 28, 1901. Serial No. 62,262. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM JAMES EVANS, a subject of the King of Great Britain, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Nasal Cups; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in devices for administering nasal remedies, and it is embodied in the construction presently to be described and defined in the claims.

The general object of the invention is to provide a cup, which I shall term a "nasal cup," which can be used with great success in lieu of the usual nasal douche. Nasal douches or inhaling-tubes are in some respects highly objectionable, primarily on account of the fluid being forcibly introduced into the nostrils under considerable pressure and usually through one passage at a time. Should the passages be obstructed, as is frequently the case, the liquid being forced into the same must find vent and will usually enter the eustachian tubes and injure the nasal cavities. This objection is largely overcome by the method which is termed "drinking through the nose," and the present invention relates to a cup of peculiar construction with which the said method can be carried out.

In the accompanying drawings I have shown a form of cup embodying the invention; but it is to be understood that the particular shape therein shown may be varied without departing from the nature and principle of the invention.

Figure 1 is a rear view of a nasal cup embodying the invention. Fig. 2 is a side elevation showing the position of the cup when in use; and Fig. 3 is a side elevation, partly in longitudinal vertical section.

A designates the cup-body, relatively deep

and adapted to receive a considerable amount of fluid. The upper edge of the cup is formed with two oppositely-arranged extensions B, separated at the front by a shallow depression C. The wall of the depression is curved to conform to the curvature of the lip immediately below the nose, while the extensions are curved to fit that portion of the face immediately at the sides of the nose, and the diameter of the cup is such that the curvature will carry the extensions B onto the cheeks to and at the side of the nose, extending from the lips outward and thence inward, so as to embrace the wings of the nostril. At the rear of the cup is a depression D of greater depth than that of the depression C, the rear portions of the extensions merging in the walls of the depression. The depth of the depression D is such as to accommodate the bridge of the nose, and thus the cup may be tilted to a position slightly above the horizontal, in which position the extensions closely embrace the face adjacent the nose and prevent the escape of the liquid at those points.

In use the cup is partly filled with liquid. The walls of the minor depression are then brought into close contact with the lip directly below the nose. The cup is then tilted, carrying the curved extensions onto the cheeks, the bottom of the nose well down to a point near the sides, and the fluid above the passages into the nose. In this position the fluid can be drawn into the passages, while all escape at the edges is prevented by the sides and front edges.

The cup can be provided with a suitable graduated scale, as at E, if desired.

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

1. A nasal cup consisting of a closed body having its upper edge formed with oppositely-arranged depressions, the walls of one of the depressions being curved to fit the upper lip and the walls of the other depression being curved to fit over the bridge of the nose, and

the edges of the cup between the depressions being curved to fit against the cheeks at the sides of the nose, substantially as described.

5 2. A flat-bottomed nasal cup, closed except at the top and consisting of a body having straight sides and its upper edge indented at opposite points and curved to fit the upper lip and to embrace the bridge of the nose respectively and the edges between the indent-

ed portions being curved to fit the cheeks at the sides of the nose, substantially as described.

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

WILLIAM JAMES EVANS.

Witnesses:

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