

(No Model.)

R. RODERICK.  
NURSING BOTTLE.

No. 598,231.

Patented Feb. 1, 1898.

Fig. 5.

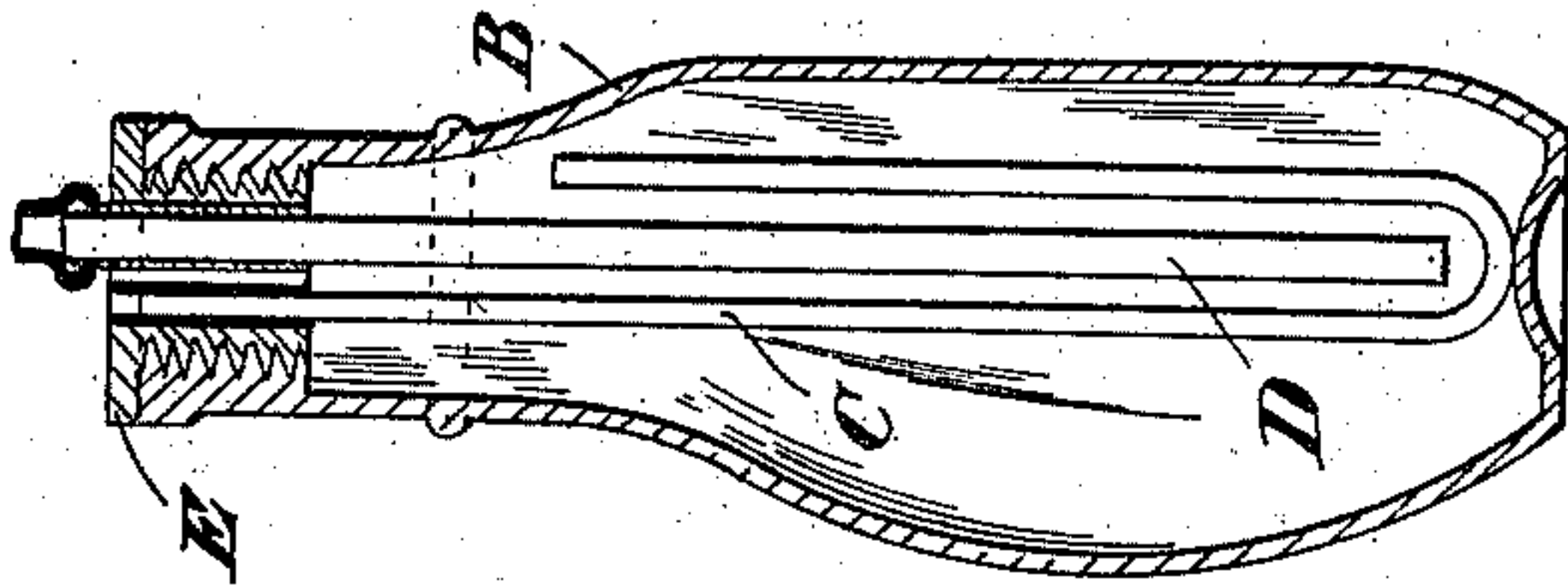


Fig. 4.

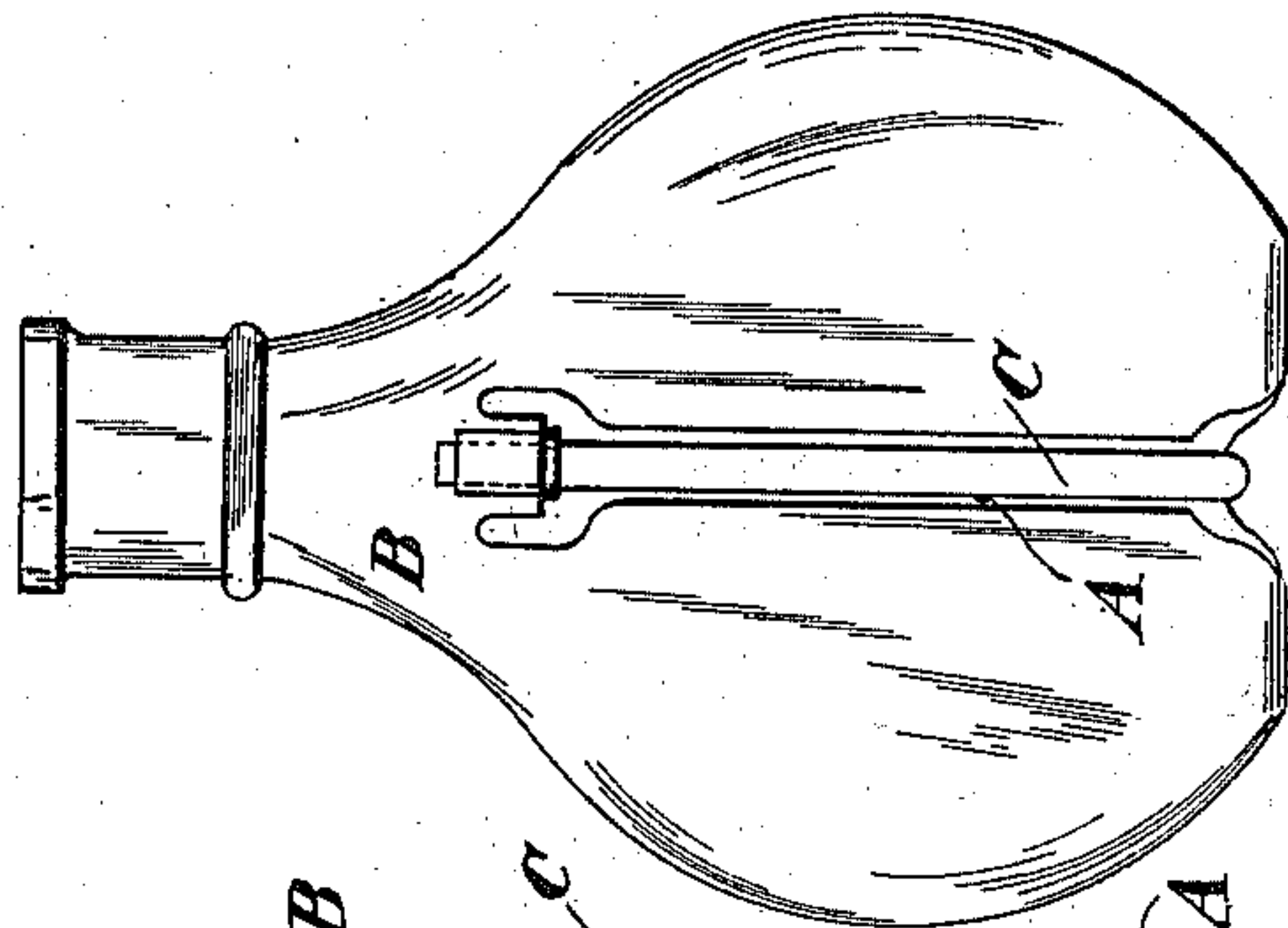


Fig. 3.

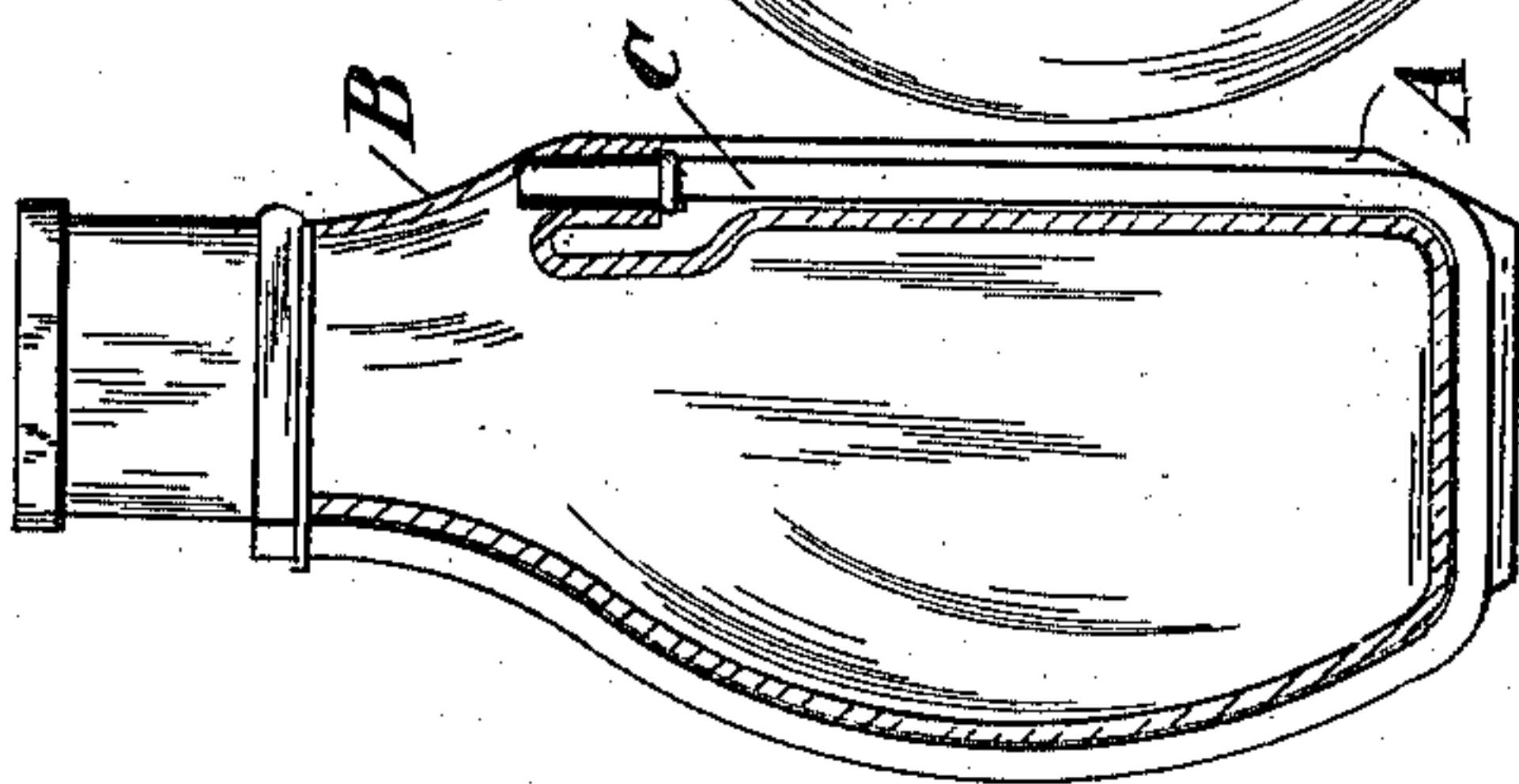


Fig. 2.

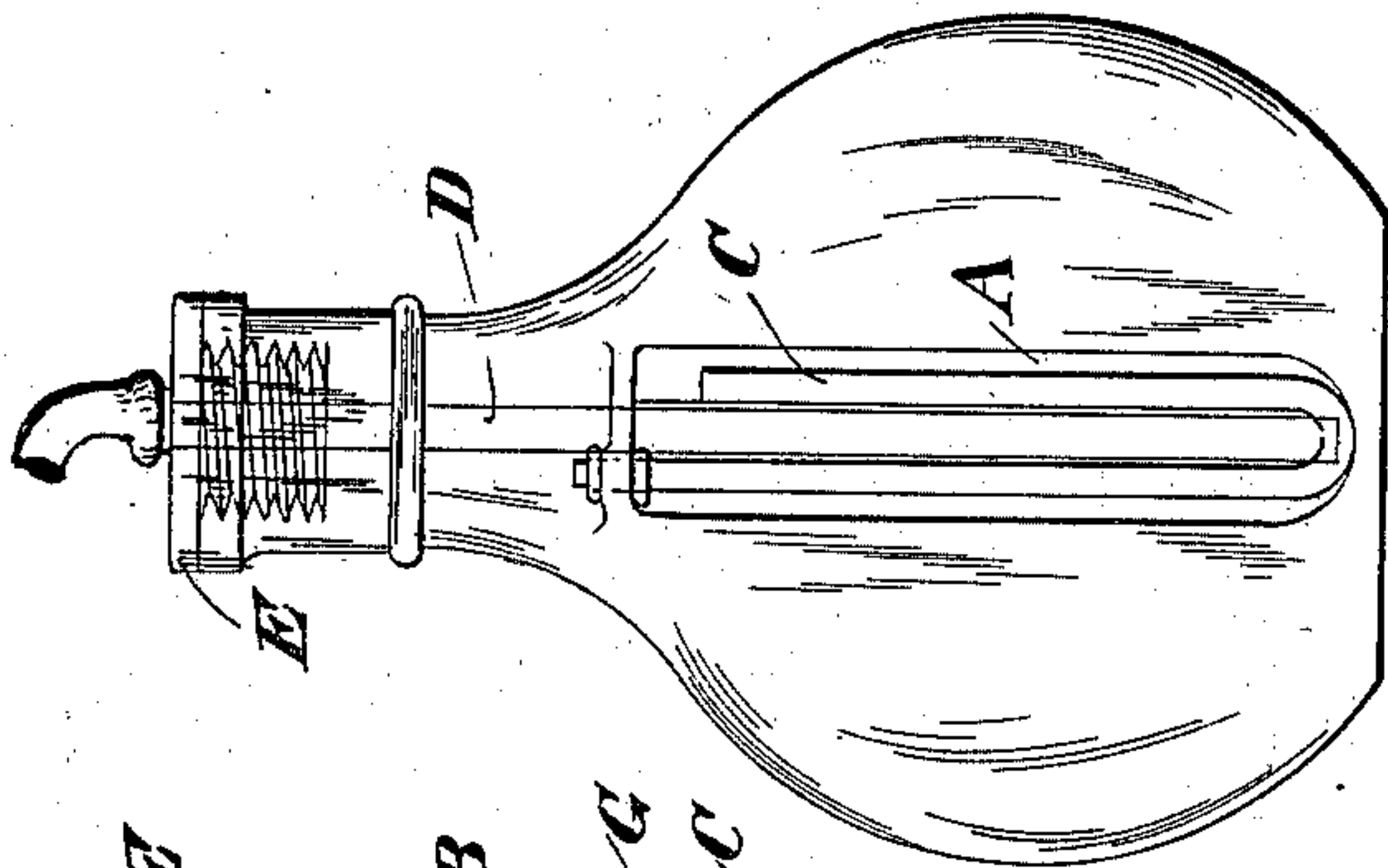


Fig. 1.



Witnesses:

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# UNITED STATES PATENT OFFICE.

REES RODERICK, OF HIRWAIN, ENGLAND.

## NURSING-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 598,231, dated February 1, 1898.

Application filed July 9, 1897. Serial No. 643,992. (No model.)

*To all whom it may concern:*

Be it known that I, REES RODERICK, colliery manager, a citizen of Great Britain, residing at Pandy Cottages, Hirwain, in the county of Glamorgan, England, have invented certain new and useful Improvements in and Relating to Feeding-Bottles, of which the following is a specification.

My invention relates to feeding-bottles, and has for its object to allow for a constant and uniform supply of milk or other alimentary liquid on suction by the infant.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a sectional elevation, and Fig. 2 a front elevation corresponding thereto, of a feeding-bottle. Figs. 3 and 4 are respectively sectional elevation and front elevation of a bottle in which my invention is carried into effect, while Fig. 5 is a sectional elevation of a bottle having a different arrangement of air-tube.

In Figs. 1 and 2 is shown a bottle B, which may be of the usual form and of glass, having a supply-tube D reaching to the lower part of the bottle and carried by the stopper E, a feeding-tube being secured to the extremity of such supply-tube D.

Upon the exterior face of the bottle I provide a recess A for the purpose of receiving an air-tube C, preferably of glass, of U shape, the one extremity of which is fitted within a hole formed or provided at the upper side or wall of the recess A by such means as a nipple G, so that communication is made from the upper part of the interior of the bottle with the atmosphere, whereby the atmospheric pressure is maintained in the interior and the flow of the milk or alimentary liquid is maintained uniform on suction.

It will be understood that on the downturn- ing of the bottle the liquid would pass up the

contiguous branch of the air-tube, but not to a sufficient extent to enable the liquid to pass down the other branch, while the inwardly- projecting extremity of the air-tube is maintained at a sufficient height as to be normally above the level of the milk contained therein. Suction effects the clearance of the air-tube of any liquid that may gain access thereto.

Figs. 3 and 4 show my special improvement, in which an air-tube C is passed around the base of the bottle and up on the other side, while Fig. 5 shows an arrangement in which the air-tube C is secured to the stopper E and its opposite end diverted and terminating in a position at the upper part of the interior of the bottle.

I may form the air-tube extending the length of one side of the bottle and formed integral with the glass or other material of which the bottle is composed, or an india-rubber tube may be provided in the groove A, as indicated in Fig. 3, passing around the base of the bottle, which tube may be secured at its upper extremity, as illustrated.

I do not confine myself to any disposition or connection of the air-tube.

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

A nursing-bottle comprising a bottle, and an air-tube opening into the bottle at or near the top thereof extending thence downwardly and thence upwardly to open into the outer air, one limb of the tube being on one side of the bottle while the other limb is on the other side, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

REES RODERICK.

Witnesses:

H. MENDS,  
R. COUND.