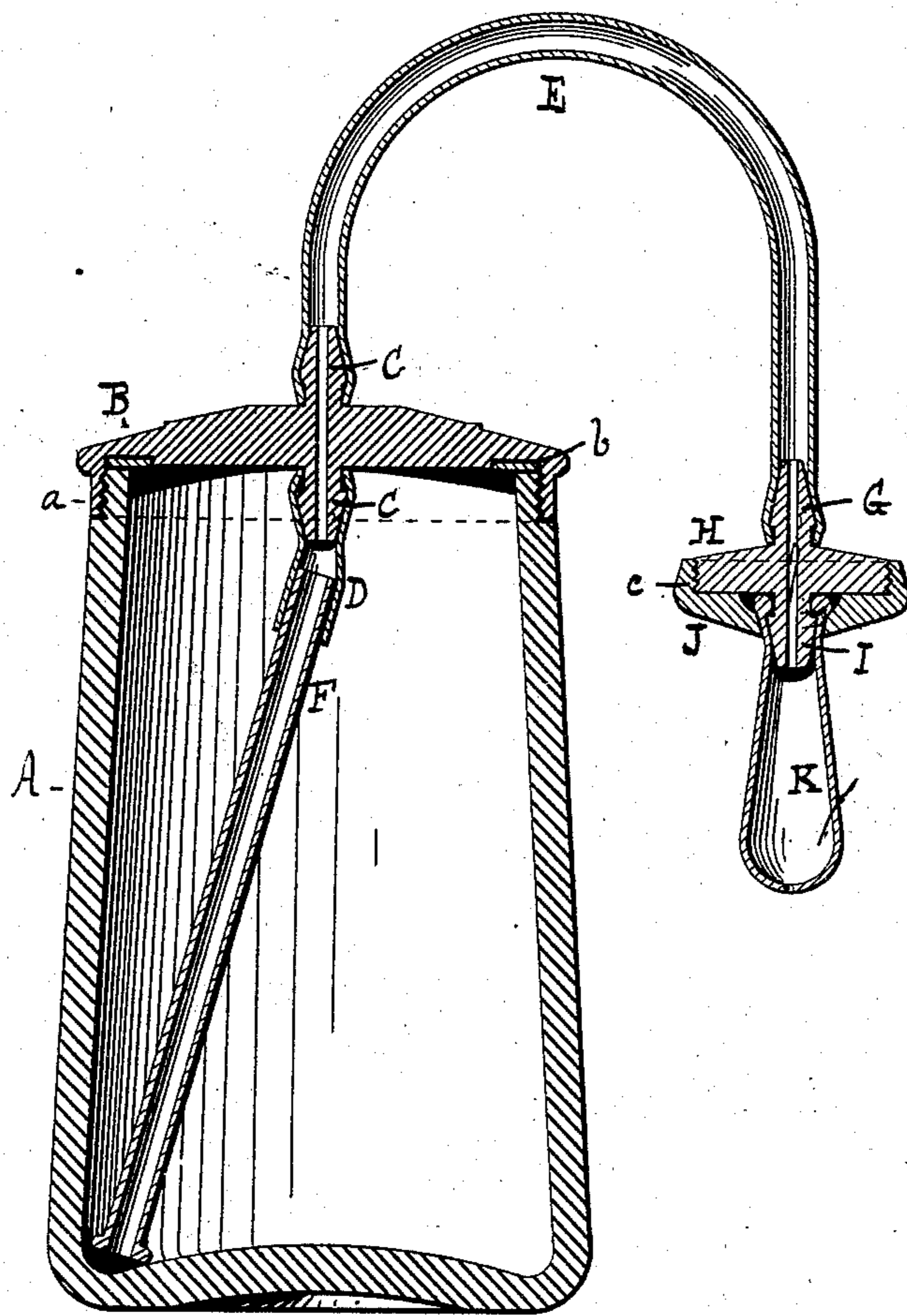


J. E. POTTER.
Nursing-Bottle.

No. 224,557.

Patented Feb. 17, 1880.



WITNESSES.

Stephen Smith
Warren R. Perce

INVENTOR.

John E. Potter

UNITED STATES PATENT OFFICE.

JOHN E. POTTER, OF PROVIDENCE, RHODE ISLAND.

NURSING-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 224,557, dated February 17, 1880.

Application filed June 24, 1878.

To all whom it may concern :

Be it known that I, JOHN E. POTTER, of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Mouth-Pieces for Nursing-Bottles, of which the following is a specification, reference being had to the accompanying drawing, which shows a vertical section of my invention as applied to a nursing-bottle.

The invention consists in making the mouth piece or plate in two parts—a disk and a screw-cap—between which the nipple is securely locked.

The bottle A, which is preferably cylindrical in form from bottom to top, is made of glass or other suitable material. Upon the top of the bottle is a screw-thread, *a*, to which is fastened the cap or cover B. This cap is made of any proper material, and by means of a washer, *b*, fits tightly upon the bottle. Perforated studs or projections C C are made upon the upper and under side of the cap B, which is itself perforated to allow the passage of the liquid. The rubber tubing D E is drawn over these studs, and so held securely in place, the piece D also embracing the end of the glass tube F within the bottle, while the piece E connects with the mouth-plate by means of the perforated stud G.

By thus dividing the rubber tube and fitting it upon the studs on both sides of the cap, as shown, I secure a more easy method of adjustment, and can more easily and thor-

oughly clean out the tube than if it were in one piece inserted in and drawn through a central aperture of the cap, and also avoid the stretching, and consequent liability of breakage or leakage, heretofore experienced.

The mouth-plate is made in two parts, one being a perforated disk, H, bearing the tubular studs G and I, and having a screw-thread, *c*, upon its periphery, and the other being a screw-cap, J, having a central aperture to receive the nipple K. The bulb of the nipple is first inserted and drawn through this central aperture; then the cap J is screwed upon the disk H, thus forcing the stud I into the nipple and beyond the head or rim at the neck of the nipple, the several parts so engaging together that when in position the nipple is securely locked, and cannot be drawn or pulled off.

This arrangement of the nipple and mouth-piece also permits thorough cleaning of the parts, and possesses many obvious advantages.

I claim, as a novel and useful invention and desire to secure by Letters Patent—

The combination of the disk H, having a screw-thread, *c*, and studs G I, with the screw-cap J and nipple K, substantially as and for the purpose specified.

JOHN E. POTTER.

Witnesses:

STEPHEN SMITH,
WARREN R. PERCE.