

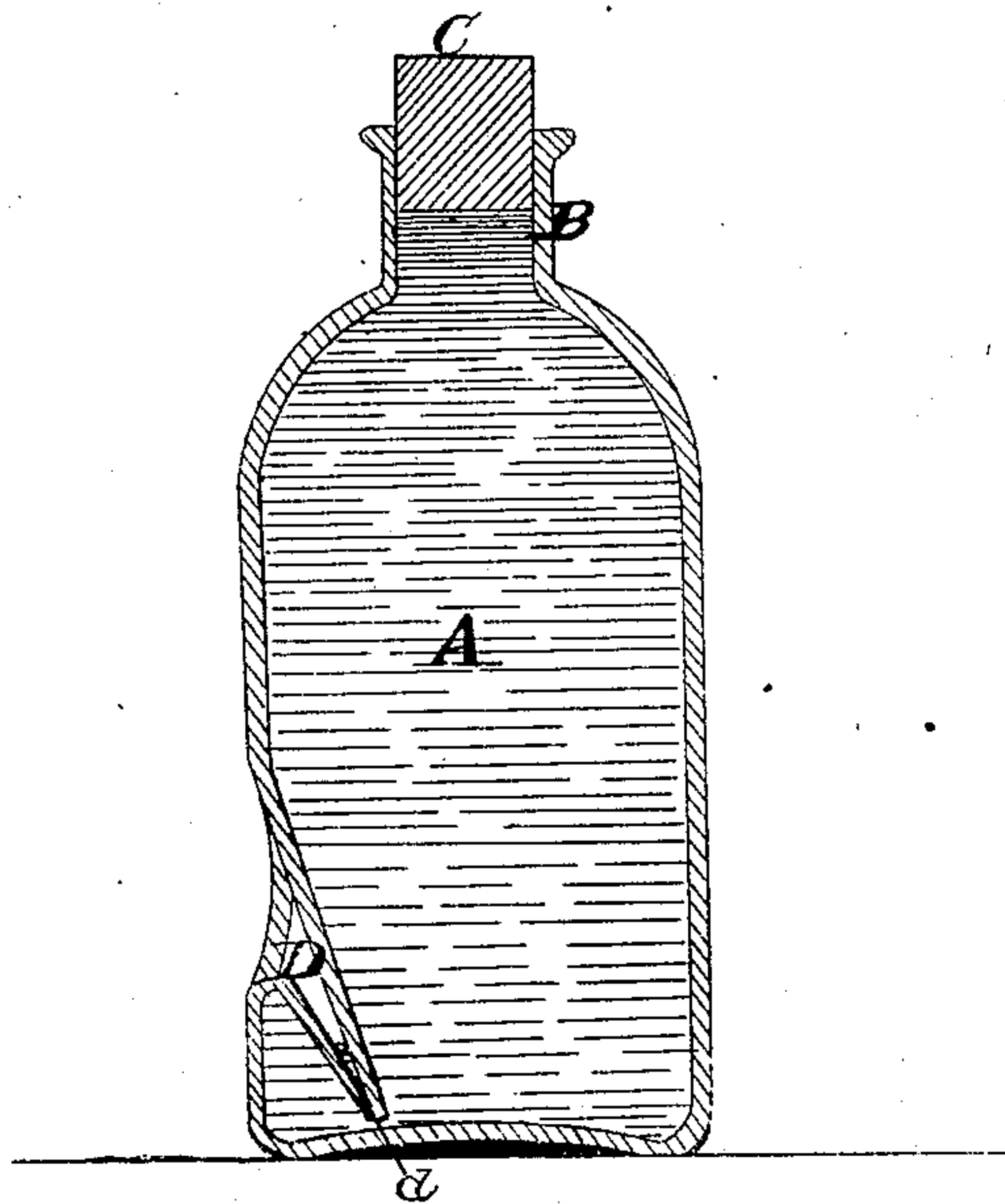
75014

G. G. Hickman.

Bottle.

PATENTED

MAR 3 1868



Witnesses
J. M. Bowen
J. E. Hewin

G. G. Hickman
By Knight Bros
Attys.

United States Patent Office.

GIBBONS G. HICKMAN, OF COATESVILLE, PENNSYLVANIA.

Letters Patent No. 75,014, dated March 3, 1868.

IMPROVEMENT IN BOTTLES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GIBBONS G. HICKMAN, of Coatesville, in the county of Chester, and State of Pennsylvania, have invented a new and useful Improvement in Bottles; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, which is made a part of this specification, and which represents a vertical section of a bottle, illustrating my invention.

My improved bottle is provided with the customary neck, B, for the reception of a cork, C, or other stopper, and may be made in any common form. While the glass is in a plastic condition, I form, in the lower part of the bottle, by means of an iron instrument of proper shape, a conical depression, D, projecting obliquely inward and downward, in the form of a converging tube, to a point very near the bottom of the bottle, and pierced at its extremity with a small aperture, *d*.

It will be apparent that if the bottle A be filled with any liquid, and its neck B closed with a cork, C, the external pressure of the atmosphere will prevent the escape of the liquid through the outlet *d*, upon the familiar principle of the bird-fountain; but my particular improvement consists in the employment of a conical tube projecting inward from the side of the bottle, in such an oblique direction and in such close proximity to the bottom, that however the bottle may be shaken or suddenly turned in any direction, no air can thereby be caused to pass from the tube D to the interior of the bottle, and consequently no liquid can escape; but by introducing through the tube D any thin or pointed instrument, such as a wire, if the bottle be used for oil, or a pen, if it be used for ink, the requisite supply of the liquid is readily taken out for use.

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

The conical tube D, projecting obliquely downward and inward from the side of the bottle A, to a point very near the bottom thereof, as and for the purposes shown and described.

G. G. HICKMAN.

Witnesses:

OCTAVIUS KNIGHT,

J. E. M. BOWEN.