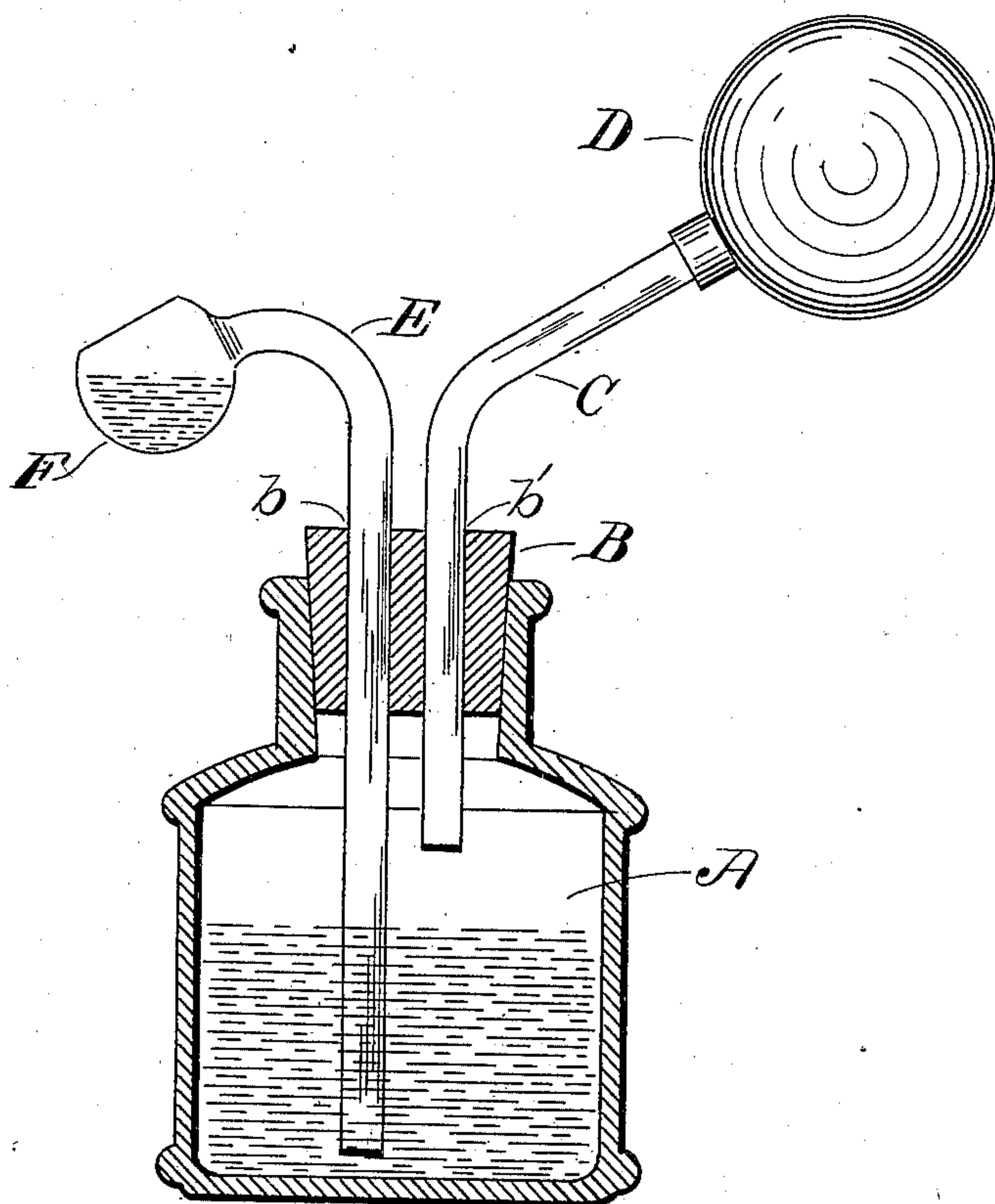


No. 706,806.

L. S. DE FOREST.
BOTTLE ATTACHMENT.
(Application filed Apr. 18, 1902.)

Patented Aug. 12, 1902.

(No Model.)



WITNESSES:

J. J. Coleman
T. A. Powell

INVENTOR

Louis S. De Forest

BY

George W. Robinson
His ATTORNEY

UNITED STATES PATENT OFFICE.

LOUIS S. DE FOREST, OF NEW HAVEN, CONNECTICUT.

BOTTLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 706,806, dated August 12, 1902.

Application filed April 18, 1902. Serial No. 103,615. (No model.)

To all whom it may concern:

Be it known that I, LOUIS S. DE FOREST, a citizen of the United States; and a resident of the city and county of New Haven and State of Connecticut, have invented a new and useful Improvement in Bottle Attachments, which is fully set forth and described in the following specification, taken in connection with the drawing, which forms a part thereof, and in which the figure is a side elevation in section embodying my invention.

This invention relates to bottle attachments, and has for its object the construction of an attachment to the stopper of a bottle by means of which a portion of the fluid contained therein may be fed into a well as needed without removing the stopper.

In the drawing, A represents a bottle having fitted therein a cork or stopper B, of rubber or other suitable material, provided with vertical perforations *b* and *b'*, a tube C, of glass or other suitable material, having at its outer end a collapsible bulb D, adapted to fit through the perforation *b'* in the cork B, with its lower end extending below the cork into the bottle in such manner as to be clear from the liquid contained therein. A tube E, of glass or other suitable material, is adapted to fit through the perforation *b* in the cork B and have one end extend into the fluid contained

in the bottle, said tube E having formed integral with its outer end a well or bucket F, as shown in the drawing.

In operation the pressure of the bulb B compresses the air in the bottle above the fluid in well-known manner, thus forcing the fluid through the tube E and into the well F in sufficient quantity to enable the operator to use it.

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

In a bottle the combination with a stopper B, of perforations *b* and *b'* in said stopper; a tube C adapted to fit through said perforation *b'* in said stopper and have secured at its outer end a collapsible bulb D, and a tube E adapted to pass through the perforation *b* of said stopper and have formed integral with its outer end a well or bucket F, substantially as described.

In witness whereof I have hereunto set my hand, at New Haven, in the county of New Haven and State of Connecticut, this 14th day of April, 1902.

LOUIS S. DE FOREST.

Witnesses:

M. A. SEGAR,
GEORGE W. ROBINSON.