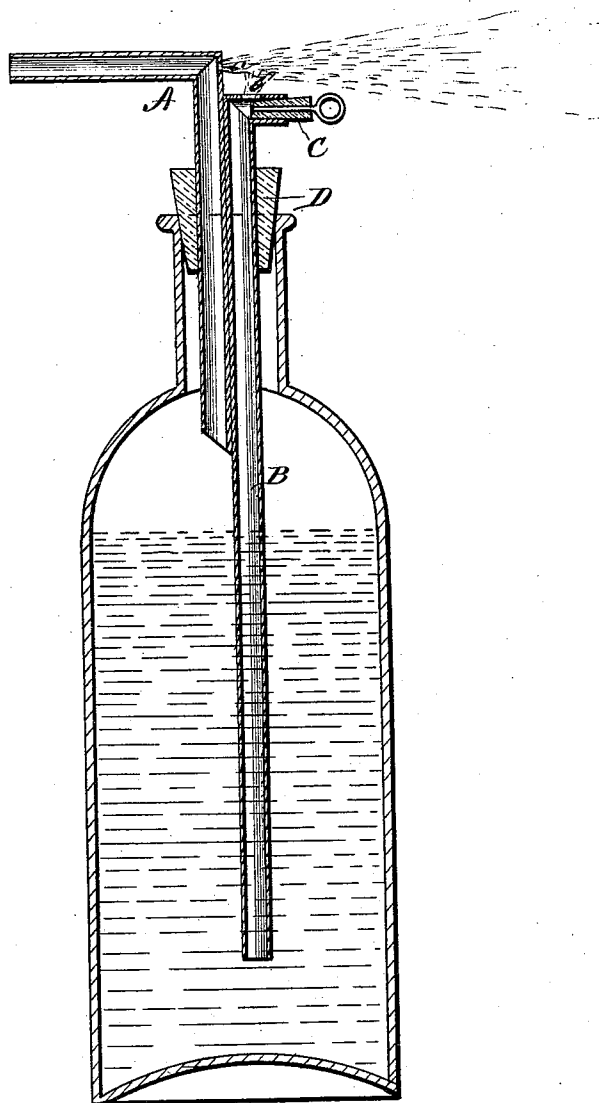


(Model.)

A. ISKE.
Atomizer.

No. 240,421.

Patented April 19, 1881.



Witnesses.
F. L. Ourand
H. Hubrey Paulin

Inventor.
Anthony Iske
By Alexander Macan
Attys. per.

UNITED STATES PATENT OFFICE.

ANTHONY ISKE, OF LANCASTER, PENNSYLVANIA, ASSIGNOR TO ISRAEL L. LANDIS, OF SAME PLACE.

ATOMIZER.

SPECIFICATION forming part of Letters Patent No. 240,421, dated April 19, 1881.

Application filed November 10, 1880. (Model.)

To all whom it may concern:

Be it known that I, ANTHONY ISKE, of Lancaster, in the county of Lancaster, and in the State of Pennsylvania, have invented certain
5 new and useful Improvements in Atomizers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked
10 thereon, making a part of this specification.

This invention relates to certain improvements in that class of atomizers in which the air-tube is extended down through the cork of the vessel containing the liquid to be atomized
15 and terminated in said vessel above the level of the liquid, so as to create a pressure of air above said liquid when the atomizer is being used to supply the spray-tube independently of the action of the jet of air by which the water is sprayed; and it has for its object to provide an improved construction or arrangement of the tubes, whereby they may be readily fitted in a common circular aperture in the cork, as more fully hereinafter specified. These
25 objects I attain by the device illustrated in the accompanying drawing, in which is represented a sectional view of the device entire.

The letter A indicates the air-tube, and B the water-tube or spray-tube. The vertical portions
30 of the two tubes are semi-cylindrical in cross-section, and are secured together with their flat sides adjoining, being permanently fastened by means of solder or in any other convenient manner. The tube A extends slightly above

the tube B, and is provided with a horizontal branch, which serves as a mouth-piece or for connection with any convenient air blast or supply.

The letter *a* indicates a small jet-aperture formed at the rear of the horizontal branch of the tube A, immediately above the horizontal branch of the tube B, which is provided with a small aperture, *b*, through which the water to be sprayed escapes.

The letter C indicates a stopper or valve secured in the horizontal branch of pipe B, by means of which the quantity of water escaping through aperture *b* may be regulated.

The letter D indicates the cork of the bottle through which the cylindrical part of the combined tubes A and B passes.

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

In combination with the pipe A, extending above the end of pipe B, and provided with a horizontal branch and air-jet, the said pipe B, provided with aperture at its top and with a horizontal branch and valve or stopper therein, all arranged substantially as specified.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of October, 1880.

ANTHONY ISKE.

Witnesses:

WILLIAM K. ADAMS,
H. R. MCCONOMY.