

W. P. Miller,
Bottle Faucet,
Nº 57,948, Patented Sept. 11, 1866.

Fig. 3.

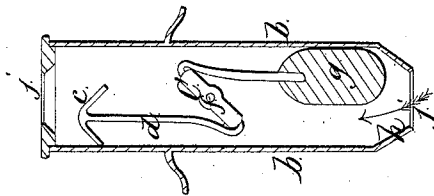


Fig. 2.

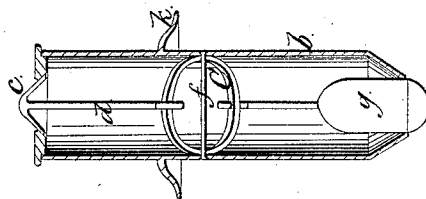
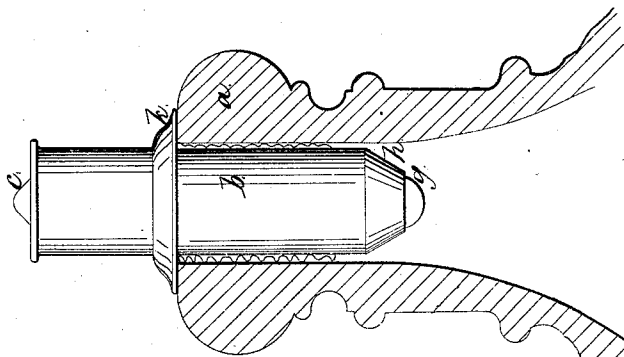


Fig. 1.



Witnesses.

S. D. Ford
P. Murphy

Inventor.

Wm. P. Miller

UNITED STATES PATENT OFFICE

WARREN P. MILLER, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN BOTTLE-VALVES.

Specification forming part of Letters Patent No. 57,918, dated September 11, 1866.

To all whom it may concern:

Be it known that I, WARREN P. MILLER, of the city and county of San Francisco, and State of California, have invented a new Mode of Constructing Gravitation-Valves for Bottles; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure No. 1 is a view of the valve-case inserted into the neck of a bottle; Fig. No. 2, a section of the case and valve and the device by which the valve is operated; Fig. No. 3, section of the same, representing the valve as being open.

The nature of my invention consists in constructing a case of suitable size to be inserted into the neck of a bottle, said case provided with a valve that will close when the bottle stands on its bottom, and open when the bottle is turned on its side.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct a round case, as shown at *b*, Fig. 1, with flange *k* and incline *h*. *e*, Figs 2 and 3, is a beam, (*f* the pivot,) to which the valve-stem *d* and the weight *g* are attached. *c* is the valve; *j*, the hole in the top of the case into which the valve is fitted; *i*, hole in the bottom of the case, through which the liquid flows, but which is closed by the weight at the same time that the valve closes the top.

The object of closing the bottom of the case by the weight is, first, to prevent the liquid from entering the case while the valve is yet closed; second, the liquid is used to force the weight down the incline, and thus insure the opening of the valve.

What I claim as my invention, and desire to secure by Letters Patent, is—

The valve *c*, when made to operate in the case *b* by means of the weight *g*, substantially as shown and described.

WARREN P. MILLER.

Witnesses:

S. P. FORD,
PATRICK MURPHY.