

W. Bonner,

Oil-Can Nozzle.

N<sup>o</sup> 69,067.

Patented Sep 24, 1867.

Fig. 1.

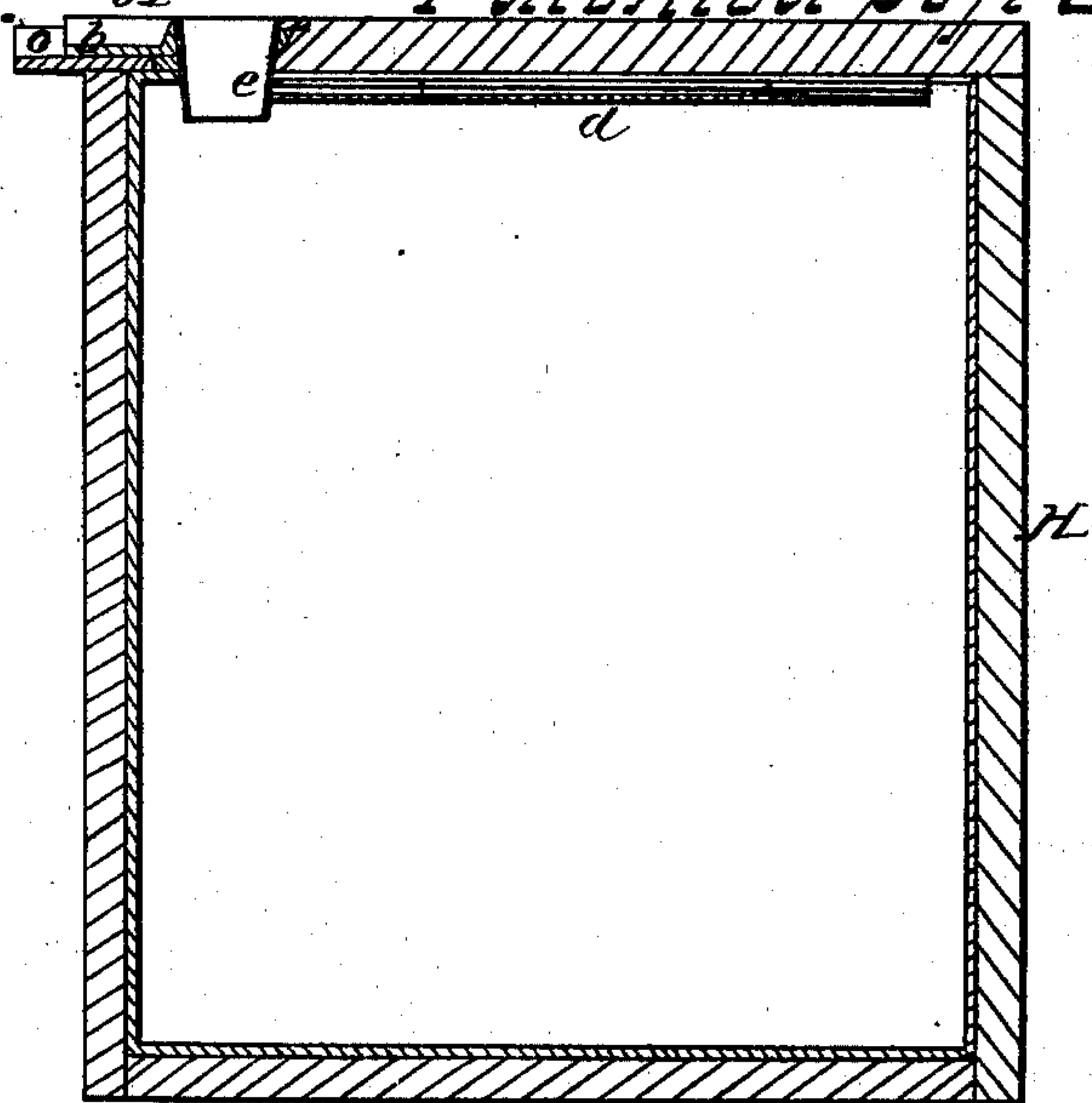


Fig. 2.

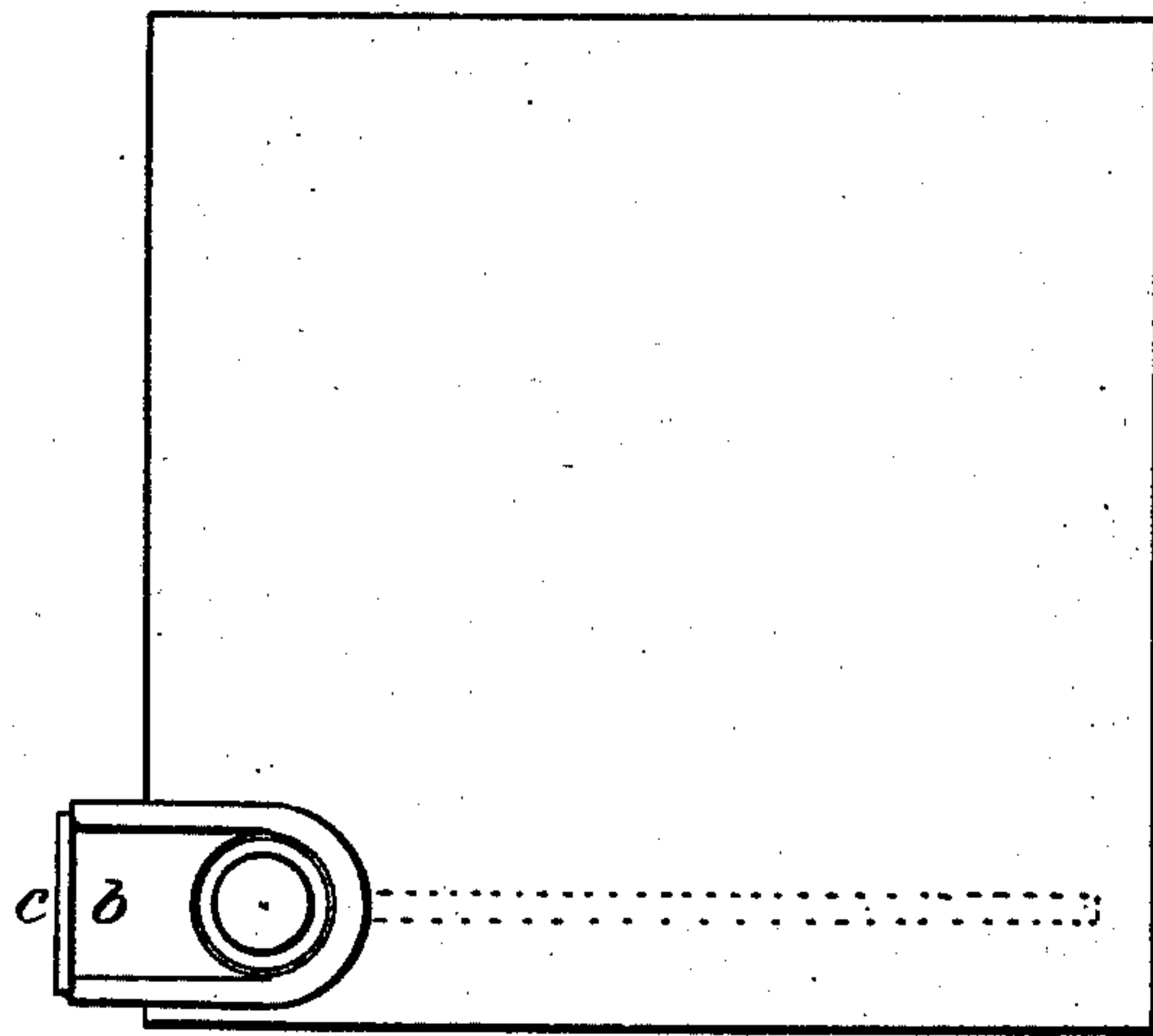
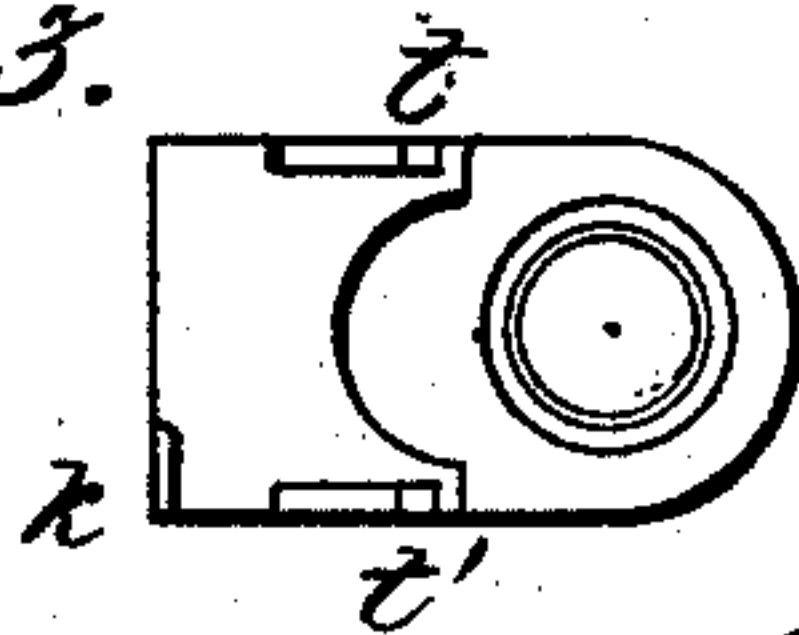


Fig. 3.



Witnesses.

Sam'l. S. Boyd

Henry J. Carter

Inventor.

Wm Bonner - per

Boyd & Co Attorneys

# United States Patent Office.

WILLIAM BONNER, OF ST. LOUIS, MISSOURI, ASSIGNOR TO H. M. BAYLESS,  
OF THE SAME PLACE.

*Letters Patent No. 69,067, dated September 24, 1867.*

## IMPROVEMENT IN EXTENSION-NOZZLE AND VENTILATING OIL-CANS.

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, WILLIAM BONNER, of the city and county of St. Louis, State of Missouri, have invented a new and useful improved Nozzle for Oil-Cans, of which the following is a full, clear, and exact description, reference being had to the annexed drawing, constituting a part of this specification, in which—

Figure 1 represents a transverse section of my can, with its casing, and having my invention attached.

Figure 2 represents a top view of the upper sheet of an oil-can, having my invention attached.

Figure 3 represents a bottom view of a portion of my invention, as it appears when detached from the upper sheet.

Similar letters indicate like parts.

My invention is intended to be applied particularly to cans used for the transportation of oil, and is designed to insure the free and even flow of oil from the can, thus saving the great waste incurred when other cans are used.

My invention consists in applying to a nozzle, A, made in the usual way, a lip, *b*, with a slide, *c*, and a tube, *d*, as clearly shown in fig. 1 of the drawing annexed, which represents the slide as it appears drawn out when the oil is to be poured from the can. The tube *d* is attached directly to the under side of the upper sheet of the can, and one end of it opens into the can, and the other into the nozzle A at *e*. The slide *c* is prevented from falling, when drawn out, by the fingers of the same striking against the studs *f f'*, fig. 3, and is kept firmly in place by the casing H (made in the ordinary manner) of the can, said casing being nearly flush with the lip *b*, as shown in fig. 1. When oil is to be poured from the can, bring the slide *c*, by means of the ear *k*, fig. 3, into the position shown in fig. 1, then tip the can, and at the same time that the oil pours out of the nozzle and over the lip, the air rushes into the can through the nozzle and the tube *d*, preventing that bubbling, spattering, and unsteady gushing of the oil seen in other cans.

The same would be the case with any other liquids, and I claim my invention when used with any kind of liquids, or made of any known material.

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

The lip *b*, slide *c*, and tube *d*, when constructed and arranged substantially as shown and specified.

WILLIAM BONNER.

Witnesses:

SAM'L S. BOYD,

HENRY T. CARTER.