W. DOE.

Nozzle for Oil-Cans.

No. 162,223. Patented April 20, 1875.

Fig. 1.

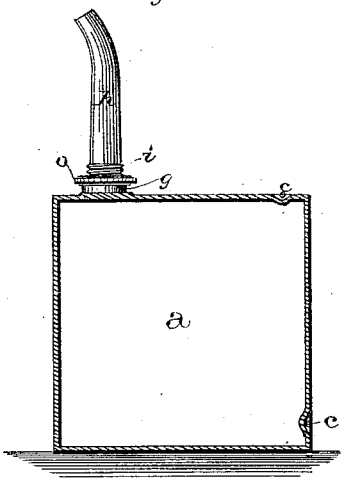


Fig. 2.

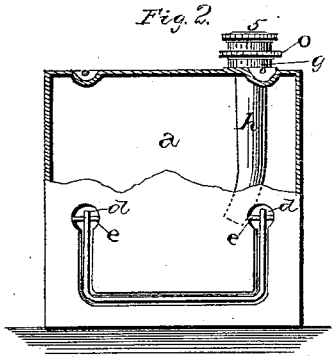
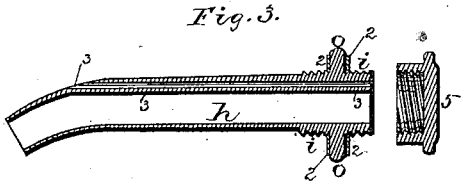


Fig. 3.



WITNESSES.

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per

F. A. Lehmann, Atty.

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UNITED STATES PATENT OFFICE.

WILLIAM DOE, OF RENO, PENNSYLVANIA.

IMPROVEMENT IN NOZZLES FOR OIL-CANS.

Specification forming part of Letters Patent No. **162,223**, dated April 20, 1875; application filed February 23, 1875.

To all whom it may concern:

Be it known that I, WM. DOE, of Reno, in the county of Venango and State of Pennsylvania, have invented certain new and useful Improvements in Vents for Oil-Cans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in taps or vents for oil-packages; and it consists in the arrangement and combination of parts that will be more fully described hereafter.

The accompanying drawings represent my invention.

a represents an ordinary rectangular can, which has attached to it, on the top and side, the two bails *c*. In order that these bails may be protected from injury during transportation, the sides of the can are indented in such a manner that the bails sink down into the indentations so as to be flush with the surface of the can. At those points where the ends of the bails are attached a small recess, *d*, is formed in any suitable manner, across the top of which are secured the rods *e*, to which rods the ends of the bails are fastened.

Secured to the top of the can, preferably near one corner, is the screw-collar *g*, into which the nozzle *h* fits. This nozzle may be made of any desired size or length, and has two separate distinct screw-threads, *i*, formed upon its lower end, both of which fit the collar *g*. Between these two threads is formed a milled flange, *o*, which serves the double purpose of screwing and unscrewing the nozzle, and forming a surface for washers 2, made of paper or other suitable material, to bear against and thus prevent leakage.

The operation is as follows: When it is desired to pour the oil from the can the nozzle is screwed into the collar *g*, as shown in Fig. 1, when, by tilting the can by means of the handle on the side, the oil can be readily poured into any receptacle, the air-tube 3 inside of the nozzle serving to admit air into the can so that the oil will flow freely out. After a sufficient quantity of oil has been poured out, or while the can is being transported about, the nozzle is reversed, the small end being thrust down into the can, as shown in Fig. 2, the upper screw-thread screwed into the collar *g*, and then a screw-cap, 5, screwed down over the open end of the nozzle, so as to close it.

By using paper washers upon each side of the flange *o* the joints at the collar and cap are both closed so that no leakage can occur.

I am aware that a nozzle for oilers having a double thread, so that its ends can be reversed, is not new, and this I disclaim. My invention consists in the construction of a vent for cans that are used in the transportation of oil.

Having thus described my invention, I claim—

In cans for the transportation of oil, the combination of the can *a*, reversible nozzle *h*, provided with the internal air-tube 3, threads *i*, and flange *o*, with the screw-cap 5 for closing the end of the nozzle, substantially as shown and described.

In testimony that I claim the foregoing, I have hereunto set my hand this 13th day of February, 1875.

WILLIAM DOE.

Witnesses:
M. J. CROZIER,
LUCIEN H. CULVER.