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JABEZ A. BOSTWICK.

Taps for Oil Cans.

No. 121,579.

Patented Dec. 5, 1871.

Fig: 1

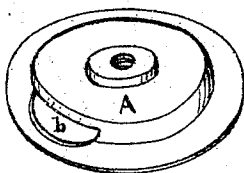


Fig: 2.

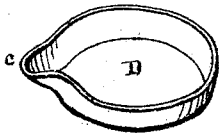


Fig: 3.

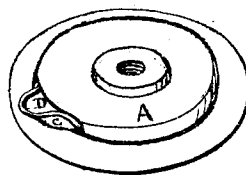
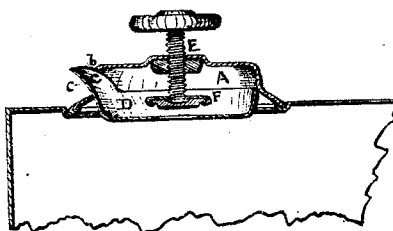


Fig: 4.



Witnesses

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UNITED STATES PATENT OFFICE.

JABEZ A. BOSTWICK, OF NEW YORK, N. Y.

IMPROVEMENT IN TAPS FOR OIL-CANS.

Specification forming part of Letters Patent No. 121,579, dated December 5, 1871.

To all whom it may concern:

Be it known that I, JABEZ A. BOSTWICK, of the city, county, and State of New York, have invented an Improved Tap for Oil-Cans and other vessels, of which the following is a specification:

My invention relates to an improvement in the construction of my "Duplex" nozzle for oil-cans, &c., patented March 21, 1871, whereby it is greatly simplified and the cost thereof reduced; and it consists in so forming the plate which constitutes the valve-seat (or bottom plate) with a discharge-lip thereon, and the plate through which the stem of the valve is secured (or cap-plate) with an aperture therein, as that when the two are properly brought together the discharge-lip on the bottom plate shall project through the aperture in the upper cap-plate and the rim of the former come in contact with the flange on the latter, so that they may be readily soldered together and form a complete combined valve-chamber and discharge-nozzle, as hereinafter more fully described.

In the accompanying drawing, Figure 1 is a view of the cap-plate detached; Fig. 2, a view of the bottom plate detached. Fig. 3, a view illustrating the two combined without the valve and its stem; and Fig. 4, a diametric section illustrating the tap complete when secured upon an oil-can.

A is the upper or cap-plate, and D the bottom plate or valve-seat of my nozzle. These are stamped out of sheet metal in the form substantially as illustrated in the drawing, the plate A

being provided with an enlarged aperture, *b*, as illustrated in Fig. 1, to receive a lip, *c*, formed upon the plate D, as illustrated in Fig. 2. In bringing these two plates A and D together the lip *c* of the plate D is passed through the aperture *b*, as illustrated in Figs. 3 and 4, and the edges of the bottom plate D are soldered upon the inner face of the rim of the plate A, which will still project sufficiently beyond the plate D to admit of being readily secured and soldered over the discharge-opening or mouth of the can or other vessel to which it is to be applied, as illustrated in Fig. 4. The valve-stem E is passed through the threaded aperture or nut in the cap-plate A, and the valve F is secured upon its lower end before the plates A and D are brought together, so that when they are united and secured, as described, the tap is complete.

The simplicity in the construction of this tap in its four pieces—viz., the top and bottom plates, valve, and valve-stem—renders it a very cheap as well as useful device.

I claim as my invention—

The combination of a cap-plate, A, with a bottom plate, D, so that a lip on the latter shall project through an aperture in the former and the two form a valve-chamber and tap for oil-cans and other vessels, substantially as herein described.

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Witnesses:

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(136)