

(No Model.)

J. F. FISK, JR.
VALVE NOZZLE FOR OIL CANS.

No. 486,373.

Patented Nov. 15, 1892.

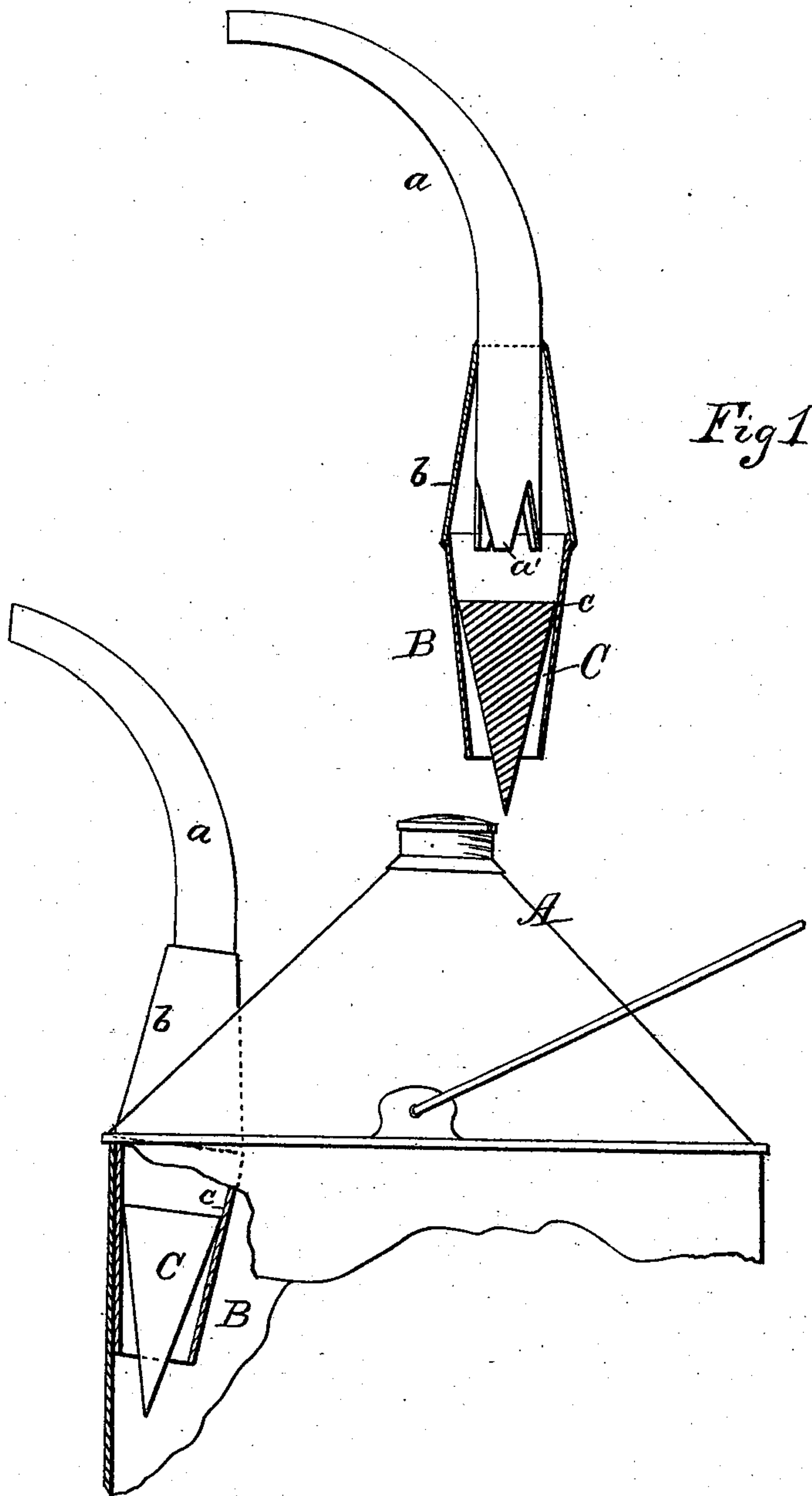


Fig. 1

Fig. 2.

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Witnesses

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By

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UNITED STATES PATENT OFFICE.

JOHN F. FISK, JR., OF CINCINNATI, OHIO.

VALVE-NOZZLE FOR OIL-CANS.

SPECIFICATION forming part of Letters Patent No. 486,373, dated November 15, 1892.

Application filed July 30, 1892. Serial No. 441,659. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. FISK, Jr., a citizen of the United States of America, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Valve-Nozzles 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in automatic stoppers for the spouts of liquid-containing vessels, as oil-cans, the object of which is to provide a simple, cheap, and effective plug or stopper which will automatically close the spout when the can rests upon its base and which will open when the can is tilted to allow the oil to flow out of the spout; and the invention consists in the special construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, forming part of this specification, Figure 1 is a sectional view, and Fig. 2 is a sectional view showing the application of my improvement to an oil-can.

A designates the body of the can, and B the discharge-spout thereof. The discharge-spout is preferably made up of three parts, *a*, *b*, and *c*, the parts *b* and *c* being conical and the widest ends connected to each other in any suitable manner, preferably by upsetting the edges of the metal upon each other and beating them or by solder, if preferred. The narrow or smaller end of the section *c* is attached to the breast or upper portion of the

can. The discharge-spout *a* tapers, as shown, and one end is cut or slit to form V-shaped notches, which lie within the conical sections and extend beyond the juncture of the same, this spout being supported by the narrow end of the section *b*.

C designates a plug of heavy material, as lead or pewter. This plug is conical in construction, and the flat end of the same is adapted to abut against the projecting portions *a'* of the section *a* when the can is tilted, so as to allow the contents of said can to flow around a portion of the plug and through the notches or recesses. When the can sets upon its base, the plug will tightly close the conical section *c* and prevent the contents of the can evaporating.

I am aware that prior to my invention it has been proposed to provide a nozzle for cans with a vent-stopper, which consists of a valve-seat and movable plug or ball, and I do not claim such construction as my invention; but

What I do claim as new, and desire to secure by Letters Patent, is—

The combination, with a nozzle constructed substantially as shown, of the hollow conical sections connected to each other and containing a plug C and the discharge-nozzle extending within the upper conical section, the end thereof extending beyond the juncture of said conical sections with each other, said discharge-nozzle having projecting ends, against which the plug is adapted to abut when the can is tilted, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN F. FISK, JR.

Witnesses:

JNO. E. BRUCE,
BLANCHE BROMWELL.