

(No Model.)

W. C. WINFIELD & O. R. GRIMMESEY.

OIL CAN.

No. 251,151.

Patented Dec. 20, 1881.

Fig. 1.

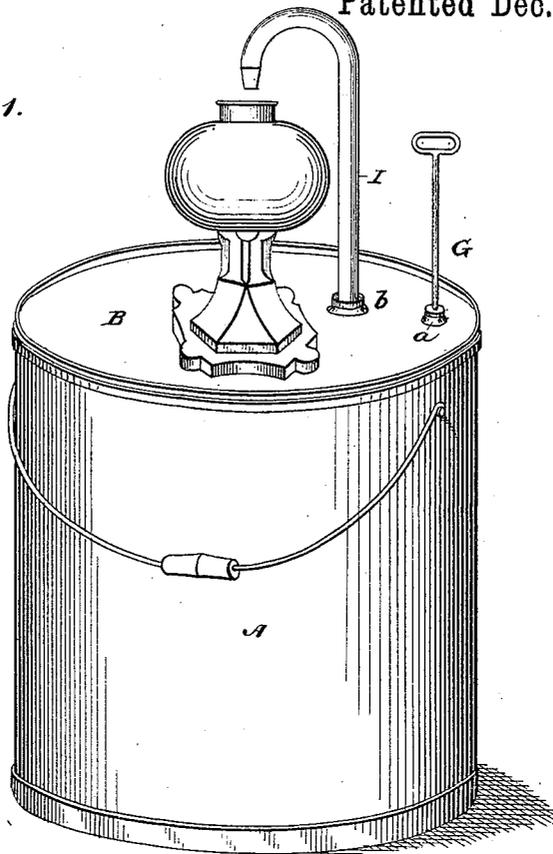
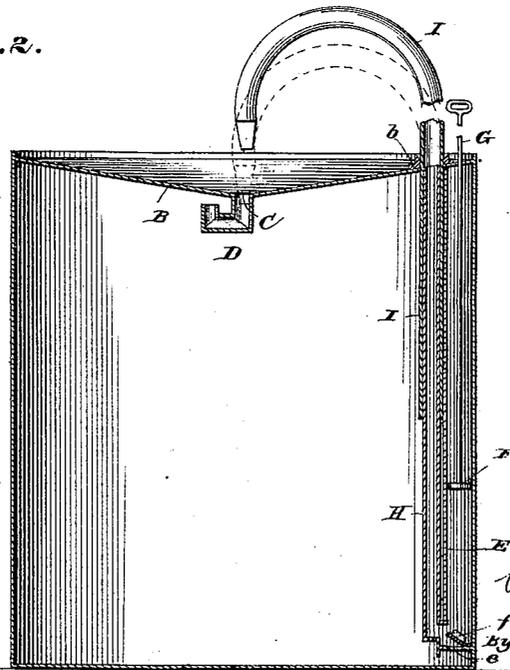


Fig. 2.



Witnesses:
All Long.
A. M. Tanner

Inventor.
Wm C. Winfield.
Orris Grimmesey.
by Paine, Chaffin & Ladd.
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM C. WINFIELD AND ORRIS R. GRIMMSEY, OF HUBBARD, OHIO.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 251,151, dated December 20, 1881.

Application filed August 11, 1881. (No model.)

To all whom it may concern:

Be it known that we, WM. C. WINFIELD and ORRIS R. GRIMMSEY, citizens of the United States, residing at Hubbard, in the county of Trumbull and State of Ohio, have invented certain new and useful Improvements in Oil-Cans; and we 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 or figures of reference marked thereon, which form a part of this specification.

The present invention relates to that class of oil-cans which are specially designed for filling lamp-reservoirs, and generally consist of a can or vessel, a rotating discharge-tube, and a force-pump or other device for expelling the oil through said tube.

The invention consists in an oil-can having a vertically adjustable and rotating discharge-tube, the nozzle end of which serves as a stopper for closing the can when the tube is pushed down and not in use.

In the drawings, Figure 1 is a perspective view of an oil-can constructed according to our invention. Fig. 2 is a vertical section of the same, the dotted lines showing the position of the tube when pushed down to close the can.

The letter A designates a can or reservoir, which may be of any desired form and size, and is provided with a sloping or dish-shaped cover or top, B, that serves as a supporting-tray for the lamp to be filled, as is clearly shown in Fig. 1. An opening, C, made in the center or lowermost portion of the cover or tray B, serves as a medium for filling the can, and also permits the overflow or drip from the lamps to return into the cans. Said opening C is generally provided with a short angular tube, D, acting as a liquid seal, as is shown in Fig. 2, at one side of the can, and extending along the interior wall thereof is located a pump barrel or cylinder, E, which contains a plunger, F, and rod G, the latter passing through a packing-box, a, in the top of the can, so that it can be manipulated. A stationary discharge-tube, H, rising from the bottom of the pump-barrel, terminates at or near the top of the can, and a second tube, I, en-

circling said tube H or fitted thereon, extends through a packing-box, b, in the cover and terminates in the curved nozzle or goose-neck J. The diameter of the tube H is less than that of the tube I, so that the latter can be freely moved up and down on the former and turned thereon, for the purposes hereinafter stated. The pump-barrel is in the present instance provided with a bottom inlet-opening, e, and check-valve f above the same, so that the upstroke of the piston will fill said barrel and the downstroke expel the oil through the discharge-tubes. We also propose to employ other means—such as air-bulbs and air-pumps—for forcing the oil from the can.

The movable or adjustable discharge or feed tube employed by us will permit lamps of various heights to be placed on the tray or top of the can and to be filled with facility and dispatch, because the tube can be drawn up or down to bring its nozzle end into the mouth of the lamp-bowl or in proper proximity thereto. The curved discharge-tube can also rotate in its packing-box and on the stationary supply-tube, so as to bring its nozzle end outside or beyond the same for filling lamps or vessels placed thereat.

When the can is not in use the discharge-tube is pushed down so as to cause its nozzle or mouth end to enter the opening C in the can-cover, which serves to close said opening.

The end or nozzle of the tube is of course made of such a size and form as to constitute a liquid-tight stopper, and may in certain instances have an india-rubber packing-sleeve applied thereto.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

An oil-can having a vertically adjustable and rotating discharge-tube, provided with a curved discharge-nozzle adapted to serve as a stopper for the can, as and for the purpose set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM C. WINFIELD.
ORRIS R. GRIMMSEY.

Witnesses:

MATHIAS RUSHITSH,
WARREN HIRST.