L. S. Enos,

Oil Can.

No. 14,229. Patented Feb. 12, 1856.

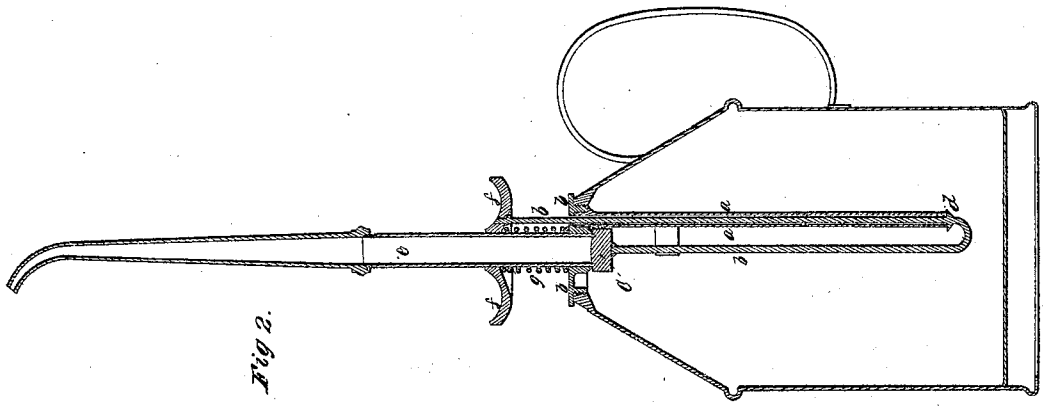


Fig 2.

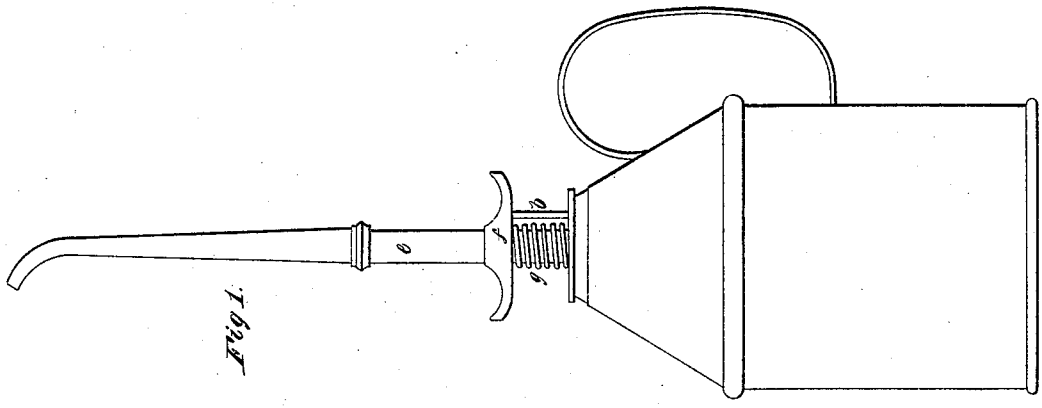


Fig 1.

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

LEVI S. ENOS, OF OLEAN, NEW YORK.

IMPROVEMENT IN OIL-CANS.

Specification forming part of Letters Patent No. **14,229**, dated February 12, 1856.

To all whom it may concern:

Be it known that I, LEVI S. ENOS, of Olean, in the county of Cattaraugus and State of New York, have invented a new and Improved Oil-Can; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification.

Figure 1 is a side elevation of my improved oil-can, and Fig. 2 is a vertical section in a line passing through the center thereof.

The discharging-tube *e* of my improved oil-can is secured within an aperture in its removable cover *h*, and the aperture of said tube within the can is closed by the valve *c*. A spiral spring, *g*, embraces the discharging-tube *e*, and rests upon the cover *h* of the can. An annular thumb-piece, *f*, also embraces the discharging-tube *e* and rests upon the spiral spring *g*. An air-tube, *a*, is secured within an aperature in the can-cover *h*, and descends nearly to the bottom of the can. A valve-rod, *b*, descends from the thumb-piece *f* through the air-tube *a*, and then curves upward, and is connected to the valve *c*. The size of the valve-rod *b* is enough smaller than the air-tube *a* to leave a space for air to pass freely through the tube into the can, when the can is thrown into a reversed position to eject oil from the nozzle of the tube *e*. To prevent the oil from escaping through the air-tube *a* when the position of the can is reversed, there is an annular enlargement, *d*, of the valve-tube *b* immediately below the mouth of the tube *a*, upon which is placed suitable packing to form a valve for closing the mouth of said tube. The position of the valve *d* on the rod *b* bears such a relation to the length of said rod and to the length of the air-tube *a* that the action of the spring *g* will tightly close both of said valves over the inner apertures of the tubes *a* and *e*, and a downward pressure upon the thumb-piece *f* will simultaneously open both of said valves.

When my improved oil-can is held in the hand preparatory to being used, the thumb is placed upon the thumb-piece *f*, which enables the can to be held with greater firmness and steadiness. When the can is thrown into a reversed position, the oil will flow away from the inner end of the air-tube *a*. Consequently, by pressing the thumb upon the thumb-piece *f* when the can is in a reversed position, the air will rush in through the air-tube *a* and act upon a broad surface of oil, which will cause a jet of oil to be energetically thrown from the nozzle of the tube *e* upon the portion of machinery that is to be oiled; and when the said thumb-piece is relieved from pressure, the valves *c* and *d* will be instantly closed by the action of the spring *g*, which will exclude the air from the body of the can, and prevent any waste or breakage.

Having thus fully described my improved oil-can, what I claim therein as new, and desire to secure by Letters Patent, is—

The compact arrangement with each other of the air-tube *a*, the discharging-tube *e*, the thumb-piece *f*, the spring *g*, the valve-rod *b*, and the removable cover of the can, which enables the said operating parts to be easily withdrawn from the can for examination and repairs, and as easily replaced again for service, substantially as herein set forth.

The above specification of my improvement in oil-cans signed and witnessed this 5th day of November, A. D. 1855.

LEVI S. ENOS.

Witnesses:
Z. C. ROBBINS,
GEO. W. ADAMS.