

(No Model.)

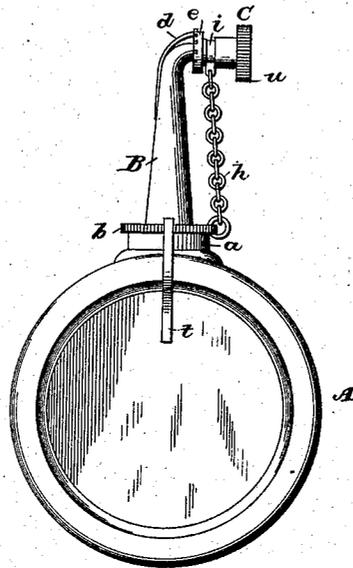
H. B. HART.

OIL CAN.

No. 322,447.

Patented July 21, 1885.

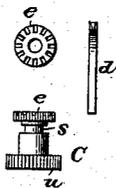
*Fig. 1.*



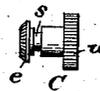
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



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*Contra copu.*  
*J. J. J. J. J.*

*Harrie B. Hart*  
*Inventor: by*  
*J. J. J. J. J.*  
*atys*

# UNITED STATES PATENT OFFICE.

HARRIE B. HART, OF PHILADELPHIA, PENNSYLVANIA.

## OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 322,447, dated July 21, 1885.

Application filed April 1, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, HARRIE B. HART, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Oil-Cans, of which the following is a specification.

My invention relates to that class of oil-cans intended to be carried in the pocket; and it consists in providing the can with a vertical spout bent at the end and threaded to receive a cap connected by a chain to the base of the spout, so that the cap may be turned without the contact of the hand with the chain and without winding the chain around the spout or around the cap, and also in applying suitable springs to the body of the can and spout to prevent the unscrewing of the parts when the can is carried in the pocket, but not interfering with the turning of the same by hand in both directions.

In the drawings, Figure 1 is a side view of an oil-can illustrating my improvements. Fig. 2 is a detached view showing the spout. Fig. 3 is a detail view of the cap or stopper and spring. Fig. 5 is a view showing the connecting-chain and ring-clamp. Fig. 4 is a side view showing a modification of the cap or stopper.

The body A of the can may be constructed in any suitable manner; but for the class of cans to which the invention is especially adapted, and which are intended to be inserted in the pocket, it is preferably flat. The spout B of the can is screwed to a nipple, *a*, projecting from the body to support the spout in a vertical position, and this spout is provided at the base with a disk, *b*, notched or corrugated at the edge. The spout tapers gradually toward the outer end, which is bent at right angles to the other portion and is threaded at the end, as shown. A spring, *t*, soldered or otherwise secured at one end to the body, bears with its free end against the notched edge of the disk *b*, preventing its accidental turning, but permitting it to be revolved in either direction by hand. To the threaded end of the stem is adapted a threaded cap or stopper, C, which, when screwed upon said end, effectually closes the spout, and which is provided with a thumb-flange, *u*, and with a second

flange, *e*, the face of which is preferably corrugated, as shown; and to the spout B is secured in any suitable position a spring, *d*, the free end of which bears upon the corrugated face of the cap, and, without preventing the latter from being turned in either direction upon the application of sufficient force, serves to prevent it from becoming unscrewed when the can is within the pocket.

To prevent the cap C from being lost when detached, it is connected to the upper side of the disk *b* or other part of the can by means of a chain or cord, *h*, which is attached to a spring-ring, *i*, encircling the neck *s* of the cap, where it is provided with a groove, *s*, and which ring permits the cap to be turned without winding up the connecting-chain, the groove *s* being adjacent to the inner end of the cap, which can therefore be turned by the fingers without the latter making contact with the chain. The twisting of the chain around the vertical spout is prevented by bending the end of the spout at right angles to the body, so that the ring *i* and chain *h* hang vertically at right angles to the cap and parallel to the body of the spout. Where the spring *d* is not used the ring *i* will ordinarily clamp the cap sufficiently to prevent its turning, the chain not being long enough to wind upon the cap. I prefer, however, in most instances to use the spring also.

The flange *e* may be plain instead of being corrugated, and may be milled upon the edge, as shown in Fig. 3, and the springs *t* and *d* may be of any suitable shape, and may be secured in any suitable position, so as to bear against some portion of the cap and spout.

I am aware of Patent No. 291,375, to I. T. Mee, January 1, 1884, and do not claim the construction therein shown.

Without limiting myself to the precise construction and arrangement of parts shown and described, I claim—

1. The combination, with a threaded spout and threaded cap, of a spring arranged to bear upon the cap and permitting its rotation by hand in either direction, but preventing it from turning without manipulation, substantially as described.

2. The combination, with the vertical spout of an oil-can bent at the upper end and thread-

ed, of a cap threaded and adapted to the said bent end, a chain connecting the cap to the base of the spout, and a spring arranged to bear frictionally upon the cap when in place, but permitting its rotation in both directions, substantially as described.

3. The combination, with the spout threaded at the end, of a cap or stopper adapted to said threaded end and provided with a corrugated face, and a spring carried by the spout and bearing upon said face, substantially as described.

4. The combination of the screw-spout having a bent end, a screw-cap adapted thereto and provided with a flange having a beveled corrugated edge, a chain connecting the cap and the base of the spout, and a spring bearing against the corrugated and beveled face of the cap when in position, substantially as described.

5. The combination of the can, vertical spout bent laterally and threaded at the end, a socketed screw-cap adapted to said threaded end and provided with a flange, *u*, and with a groove near the end opposite the flange, and a chain attached to the base of the spout, and a spring-ring fitting the groove and connected to the chain, substantially as described.

6. The combination, with an oil-can, of a vertical spout and the spring-catch attached to the body of the can and bearing frictionally against the flange or base of the spout, as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HARRIE B. HART.

Witnesses:

WALTER S. GIBSON,  
WM. A. REDDING.