

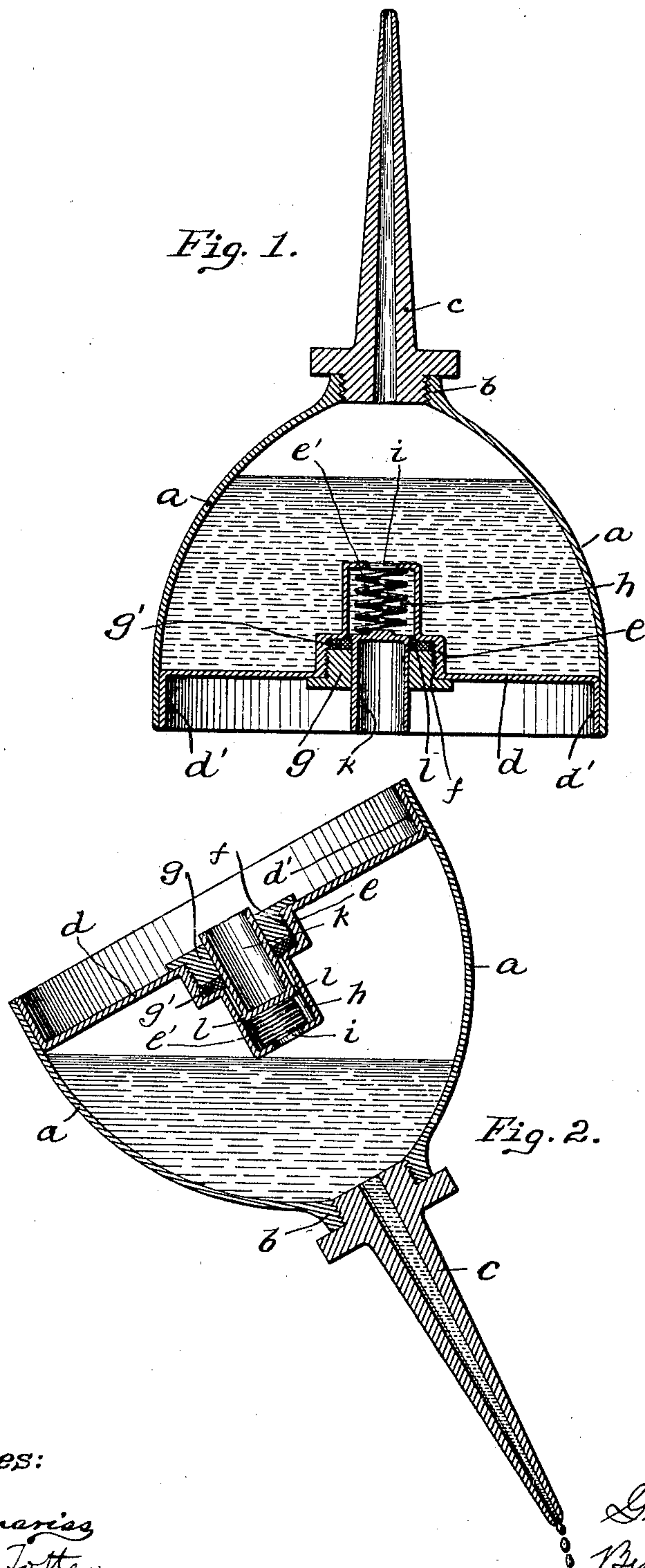
No. 630,264.

Patented Aug. 1, 1899.

G. PALM.
OIL CAN.

(Application filed Feb. 21, 1898.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE PALM, OF BUTLER, PENNSYLVANIA.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 630,264, dated August 1, 1899.

Application filed February 21, 1898. Serial No. 871,154. (No model.)

To all whom it may concern:

Be it known that I, GEORGE PALM, a resident of Butler, in the county of Butler and State of Pennsylvania, have invented a new and useful Improvement in Oil-Cans; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to oil-cans.

The object of my invention is to provide a simple device whereby the oil at whatever height in the can may be readily expelled therefrom, while at the same time the rapidity of its flow and the quantity are always under the proper control of the one handling the can.

The invention consists of the novel features contained in the claims which follow this specification.

To enable others skilled in the art to make and use my invention, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a vertical section of an oil-can, showing the parts in normal position. Fig. 2 is a like view showing the position of the parts when in use.

Like letters of reference indicate like parts in each.

The letter *a* represents the body portion of an oil-can of well-known form. This body *a* has a threaded neck *b*, into which is screwed the lower end of the nozzle *c*. The bottom *d* of the can has the flange *d'* formed around its periphery, which is secured to the lower inner face of the body *a*. By this construction the bottom *d* is slightly elevated to permit of the construction hereinafter set forth.

The bottom *d* may be formed of sheet metal and may be stamped, so as to have the raised central portion *e* formed integral therewith, which extends up a short distance within the can. This raised portion *e* has the threaded seat *f*, with which the nut *g* engages. Above the seat *f* is the cylindrical chamber *h*. The upper end of the raised portion *e* has the opening *i* therein. A spring *e'* is interposed between the upper end of the raised portion *e* and a pusher *k*. This pusher is adapted to enter the chamber *h* and is held from dropping through the nut *g* by means of the lip *l*, surrounding the upper end of the pusher. A gasket *g'* is interposed between the nut *g* and the shoulder on the interior of the raised por-

tion *e*. The pusher *k* extends down through the nut *g* to a distance about flush with the lower end of the body portion *a*.

When the oil-can is in use, the operator tilts it to the proper angle and with his thumb presses on the pusher *k*. The upper end of said pusher moves into the chamber *h*, compressing the spring *e'* as it proceeds. The result of this advance of the pusher is the displacement of a certain amount of air, and the oil is expelled from the nozzle *c*. The oil flows freely from said nozzle, but at the same time the rapidity of its flow and the quantity are always under the control of the operator. There is no strain on the bottom of the can, as in the ordinary construction of these cans, and consequently the bottom does not give way in use. All the oil can be expelled, and the raised portion *e* being elevated none of the thick sediment which gathers at the bottom of the can will be able to find its way into the chamber *h* and clog up the parts. As the central raised portion only extends up a short distance within the can, it does not interfere to any material degree to diminish the capacity of the can.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In an oil-can, the combination with the bottom piece, of a raised central portion formed integral therewith and extending up a short distance therefrom, said raised portion having a chamber therein and an opening at the upper end thereof, and a spring-actuated pusher adapted to enter said chamber, substantially as set forth.

2. In an oil-can, the combination with the bottom piece, of a raised central portion extending up a short distance therefrom, said raised portion having a chamber therein and an opening at the upper end thereof, a spring-actuated pusher adapted to enter said chamber and extending below said bottom piece, and a nut engaging a threaded seat in said raised portion, said pusher having a lip on its upper end engaging said nut, substantially as set forth.

In testimony whereof I, the said GEORGE PALM, have hereunto set my hand.

GEORGE PALM.

Witnesses:

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