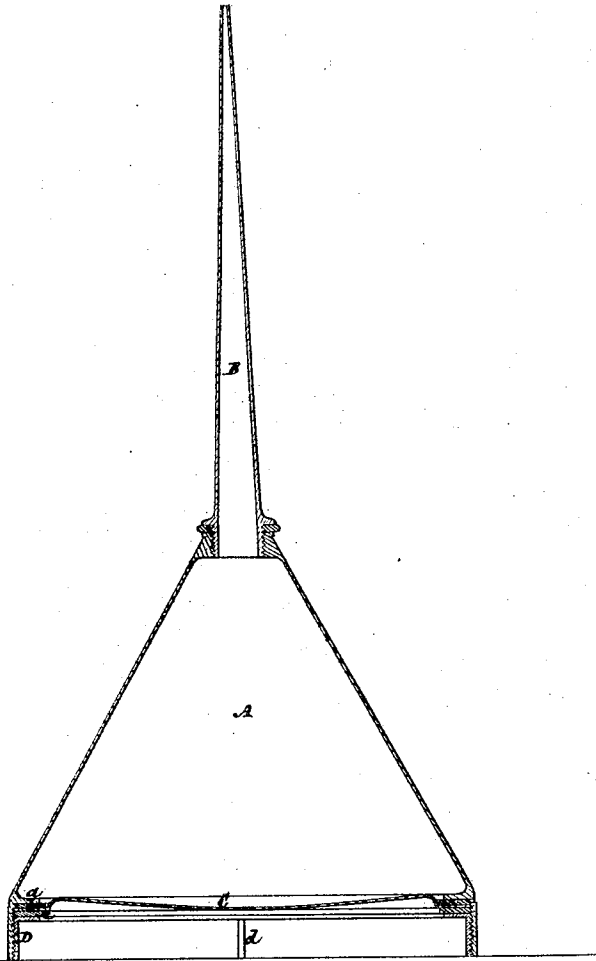


P. J. Dwyer,

Oil Can.

No. 101,839.

Patented Apr. 12, 1870.



Witnesses
Fred. Haynes
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PATRICK J. DWYER, OF ELIZABETH PORT, NEW JERSEY.

Letters Patent No. 101,839, dated April 12, 1870.

IMPROVEMENT IN OIL-CANS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, PATRICK J. DWYER, of Elizabeth Port, in the county of Union and State of New Jersey, have invented a new and useful Improvement in Oil-Cans, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing forming part of this specification, and which represents a longitudinal section of an oil-can constructed in accordance with my improvement.

This improvement relates to oil-cans, in which the oil is ejected by pressure of the thumb upon its bottom, that is made elastic for such purpose.

As these cans have heretofore been constructed, their durability has been but very limited, by reason of the elastic bottom soon wearing out or bursting, while the body of the can remains perfectly sound; and as the bottom has heretofore been soldered to the body, and thereby made an integral part of the latter, the destruction of the bottom has involved the ruin of the whole can, the necessary repair in such case not warranting the expense.

My invention obviates this, by constructing the can so that its bottom is readily detachable, whereby, when one bottom is destroyed, the same may be easily removed and a new bottom inserted; and as such bottoms may be sold in sets together with the can, the sizes varying with the different sized cans, the expense of providing for necessary repair of the can is but trifling.

Referring to the accompanying drawing—

A represents the body of the can, and

B, its spout or tube.

Within the body, preferably at some distance above its lower edge, is an internal annular flange, *a*, secured by solder or otherwise.

Upon the under side of this ring I lay a washer, *b*, made of any suitable soft or compressible material;

and upon or under this, place the separate elastic bottom C, which is secured in its place, and its junction with the body made tight, by a flange-ring, D, having a screw-thread on its exterior, and made to fit a female thread in the lower portion of the body, a soft or compressible packing, *c*, preferably being inserted between the screw-ring D and the bottom C.

The ring D should be provided with ears or projections, *d*, to facilitate its being screwed in or out, as required.

An elastic bottom, which, as well as the body of the can, may be made of any suitable material, thus separately fitted, is readily attachable and detachable, and, when in its place, secure against leakage. Instead of being elastic in itself, it may have an elastic action given to it, or its elasticity be increased, by a spring, arranged within the body of the can, which construction or provision the term "elastic bottom" is designed to include.

By giving the bottom a sunken position within the can, the same is protected from injury, and a steadier bearing for the can insured in resting it on or sliding it over a bench or other surface.

What is here claimed, and desired to be secured by Letters Patent, is—

1. An oil-can, provided with a loose and readily detachable elastic bottom, for operation substantially as specified.

2. The combination and arrangement with the body A of the detachable bottom C, the packing or packings *b c*, and the screw-ring D, essentially as and for the purposes herein set forth.

PATK. J. DWYER.

Witnesses:

JAMES NEWMAN,
REUBEN B. SAVIDGE.