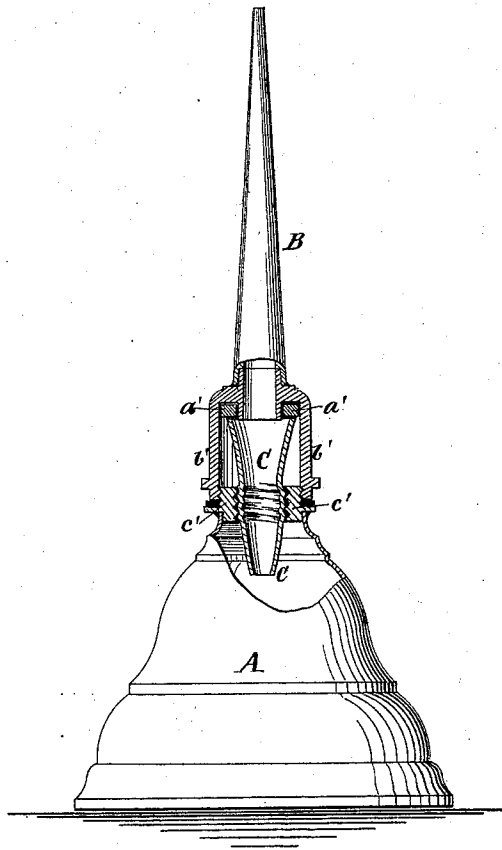


G. F. DUTTON.

Oiler.

No. 165,987.

Patented July 27, 1875.



WITNESSES:

A. W. Almqvist
A. F. Terry

INVENTOR:

Geo. F. Dutton

BY

mmmm
ATTORNEYS.

UNITED STATES PATENT OFFICE

GEORGE F. DUTTON, OF FARMINGTON FALLS, MAINE, ASSIGNOR TO ELIZA C. DUTTON, OF SAME PLACE.

IMPROVEMENT IN OILERS.

Specification forming part of Letters Patent No. **165,987**, dated July 27, 1875; application filed April 17, 1875.

To all whom it may concern :

Be it known that I, GEORGE F. DUTTON, of Farmington Falls, in the county of Franklin and State of Maine, have invented a new and useful Improvement in Oilers, of which the following is a specification :

This invention relates to a new and useful improvement in oil cans or vessels for oiling machinery, and for all the uses to which it is adapted ; and it consists of an oiler having a chamber above the reservoir, in which is a glass tube which screws into the opening at the top of the reservoir, and which forms a tightly-packed joint at the top of the chamber, which chamber is rigidly attached to the discharge - nozzle, and is screwed onto the collar of the reservoir.

The invention is illustrated by the annexed sectional drawing.

Similar letters of reference indicate corresponding parts.

A is the reservoir for oil. B is the discharge nozzle. C is the glass tube. *a'* is the packing at the top end of the tube. *b'* represents the chamber. *c'* is the collar of the oil-reservoir. The reservoir of this oiler does not differ materially from others in use.

To the base of the discharge-nozzle is attached the chamber *b'*, which chamber screws onto the collar *c'* of the reservoir, as seen in the drawing.

The glass tube C screws tightly into the inside of the collar, or may be cemented there-

in, so as to make a tight and permanent joint. This glass tube extends upward within the chamber *b'*, and a tight joint is made by means of packing *a'* with the top of the chamber. When the nozzle and chamber are unscrewed and removed the glass tube is left standing and the packing *a*, remains in its place.

The reservoir is filled by introducing the oil at the top end of the glass tube, and it may be readily seen when the reservoir is full, as the glass is made white and transparent.

The base end of the discharge-nozzle extends down through the upper end of the chamber and enters the glass tube, so that a groove is left, as seen in the drawing, for retaining the packing in place.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination of the tube C with the reservoir A and discharge-nozzle B, having the enlarged or chambered portion *b'*, substantially as shown and described.

2. The combination of the packing *a'* and collar *c'* with the funnel-shaped glass-tube C, the reservoir A and projecting lower end nozzle B, as shown and described for the purpose specified.

GEORGE F. DUTTON.

Witnesses:

CHARLES D. LUCE,
SAML. P. MORRILL.