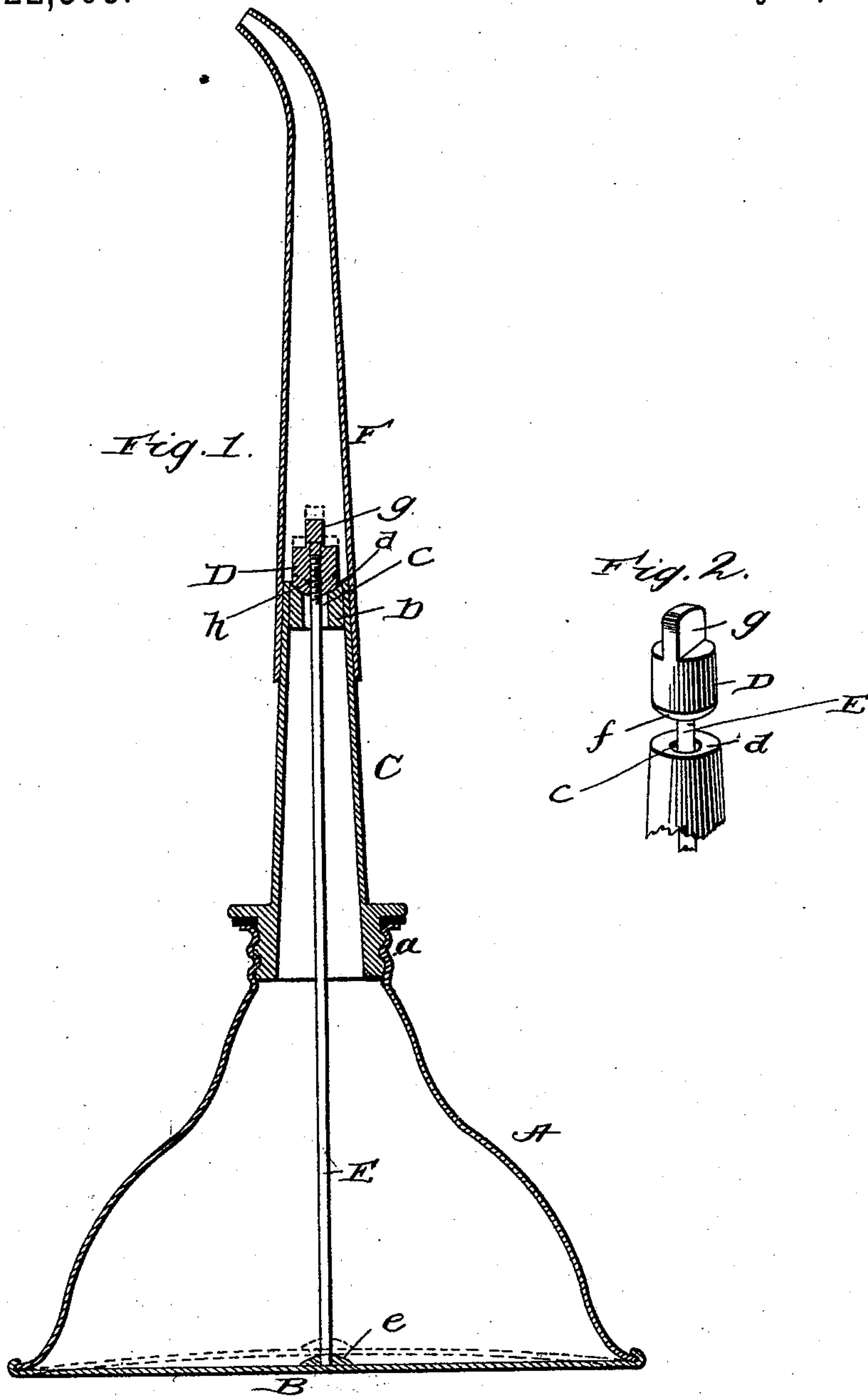


(No Model.)

J. H. QUACKENBUSH.
OIL CAN.

No. 522,303.

Patented July 3, 1894.



Witnesses
C. A. Rader
N. P. Matthews.

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UNITED STATES PATENT OFFICE.

JAMES H. QUACKENBUSH, OF HASTINGS, MICHIGAN.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 522,303, dated July 3, 1894.

Application filed February 27, 1894. Serial No. 501,709. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. QUACKENBUSH, a citizen of the United States, residing at Hastings, in the county of Barry and State of Michigan, have invented a new and useful Improvement in Combination Oil-Cans, of which the following is a specification.

This invention relates to an improvement in that class of oilers in which a rod is provided with a valve for regulating the discharge through the nozzle and preventing an accidental discharge of the contents and it has for its object to improve the efficiency of such devices by simplifying the construction and rendering it less liable to get out of order and permitting of a quick and ready disconnection and attachment of the parts.

The invention will be fully understood from the following description and claim when taken in connection with the annexed drawings, in which—

Figure 1, is a vertical, central, sectional view of an oiler with my improvements applied, and Fig. 2, is a perspective view of the valve seat on the upper end of the nozzle and the valve raised from its seat.

Referring by letter to said drawings:—A, indicates the body of the can or oiler, and B, the elastic bottom thereof which may be of the character and construction usually employed.

C, indicates the spout or nozzle which is attached to the body at one end by the usual threaded joint or connection *a*. In the opposite or outer end of the spout is placed a bushing *b*, with a central, vertical channel *c*, for the passage of oil from the can and this bushing has a concavity *d*, on its upper side surrounding the channel to receive and seat the valve D, as will be hereinafter more fully described.

E, indicates a rod which is secured at one end to the inner central side of the elastic bottom by solder or otherwise, as shown at *e*, so that the movements of the bottom will impart a corresponding movement to the rod. This rod has its opposite end threaded and passes through the channel of the bushing *b*. The valve D, is convex on its lower side as

shown at *f*, so as to snugly seat itself in the concavity of the bushing and it is provided on its upper side with a thumb piece *g*, so as to permit it to be quickly and easily handled and turned. This valve is also provided with a central, vertical screw-tapped aperture *h*, to receive adjustably the upper end of the threaded rod.

F, indicates an extension nozzle which is placed over the upper valved end of the spout or nozzle C.

From the construction described it will be seen that any ordinary oiler can be provided with my improvements without materially altering the construction and such improvements can be applied at a very small expense.

To fill the can or holder it is simply necessary to slip off the extension nozzle and then unscrew the valve D, when the nozzle or spout C, can be unscrewed and the can filled. After replacing the nozzle or spout C, the valve D, can be placed back on the rod and adjustably secured thereto so as to regulate the quantity of discharge, and when the extension nozzle has been placed in position, the valve and rod will be concealed from view.

It will be observed that I dispense with the use of springs which have been found so objectionable in use and I do not alter the construction of the ordinary can body or other parts in any manner and I attach importance to the durable and cheap construction which I employ.

I am aware that it is not new to provide an oiler with a rod secured to its elastic bottom and having threads, and to place on said rod a valve for regulating the discharge of oil and therefore do not claim such devices broadly, but

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

The oiler having the elastic bottom, in combination with the nozzle or spout C, detachably secured to the body and having the bushing *b*, at its outer end provided with the central channel and the concave seat *d*, the

rod secured at one end to the elastic bottom
and having its opposite end passing through
said channel and screw threaded, the valve
D, having the screw-tapped aperture to re-
5 ceive the threaded rod and also having the
finger piece on its outer end and convex on
its inner end so as to snugly bear on the con-

cave seat and an extension nozzle, substan-
tially as specified.

JAMES H. QUACKENBUSH.

Witnesses:

JOHN G. NAGLER,
EDWIN D. MALLORY.