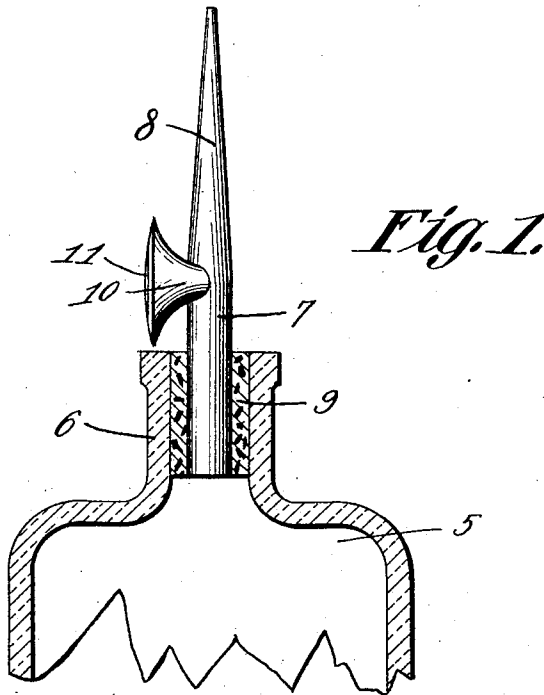
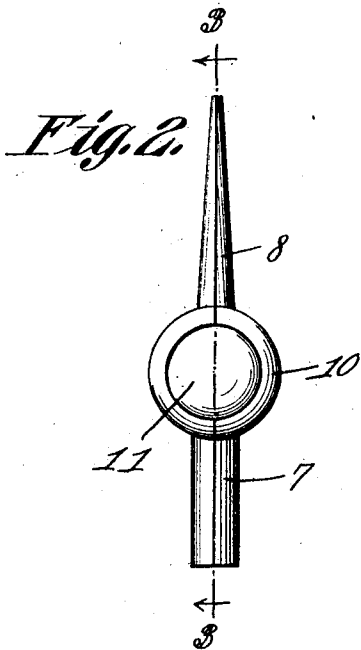
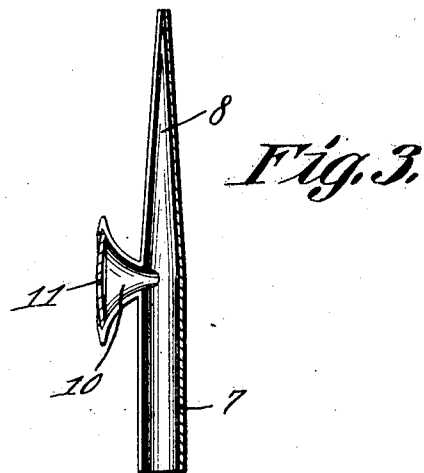


W. W. SADLER.  
OILER.  
APPLICATION FILED JULY 2, 1921.

1,404,481.

Patented Jan. 24, 1922.



Inventor,  
*W. W. Sadler*

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# UNITED STATES PATENT OFFICE.

WILLIAM WALKER SADLER, OF BOONEVILLE, MISSISSIPPI.

## OILER.

1,404,481.

Specification of Letters Patent. Patented Jan. 24, 1922.

Application filed July 2, 1921. Serial No. 482,146.

*To all whom it may concern:*

Be it known that I, WILLIAM W. SADLER, a citizen of the United States, residing at Booneville, in the county of Prentiss and State of Mississippi, have invented a new and useful Oiler, of which the following is a specification.

This invention has reference to dispensing tubes, and more particularly to a dispensing tube designed for use in connection with bottles or cans, for converting the bottle or can into an oil can, whereby the contents of the bottle or can may be dispensed.

A further object of the invention is to provide a device of this character which may be readily and easily applied to the mouth of the bottle or can associated therewith, the tube having novel means forming a part thereof for creating a pressure on the fluid passing therethrough, to cause the fluid to be dispensed from the bottle in spurts.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:—

Figure 1 illustrates a fragmental sectional view through a bottle, showing the device as positioned in the mouth thereof.

Figure 2 illustrates a front elevational view of the dispensing tube, and

Figure 3 illustrates a sectional view taken on line 3—3 of Figure 2.

Referring to the drawing in detail, the reference character 5 designates a bottle which is of the usual construction, the same being provided with a mouth 6 in which a cork is positioned.

In the present showing, the usual cork has been removed, and the dispensing tube, constructed in accordance with the present invention is applied to the mouth of the bottle, and while I have shown the device as employed in connection with a bottle it is to be understood that the device may be constructed for use with cans or the like.

The device comprises a tubular body portion 7 formed preferably of sheet metal, and

is provided with a tapered outer portion 8, which constitutes the discharge end of the tube, while the body portion of the tube is disposed within a plug 9 formed preferably of cork, so that a fluid-tight connection may be maintained between the mouth of the bottle, and the plug and body portion of tube.

Disposed at a point intermediate the ends of the body portion 7, is a cone-shape hollow body portion 10, which is in communication with the body portion. The outer surface of the hollow body portion 10 is disk-like in formation as indicated by the reference character 11, and as shown this outer surface is slightly bulged as indicated more clearly by Figure 3 of the drawing, the outer edges of the wall of the hollow body portion 10 being turned inwardly to embrace portions of the outer surface of the hollow body portion or diaphragm 11 to secure the same thereto.

From the foregoing it is obvious that as the bottle 5 is tilted, the contents thereof will flow into the tubular member, whereupon depression of the diaphragm 11 will cause an air pressure on the fluid passing through the tubular body portion to cause the same to be dispensed or ejected therefrom.

Having thus described the invention, what is claimed as new is:

1. In a device of the character described, a tubular body portion having a tapered discharge end, a plug secured to the body portion adjacent to one end thereof, a hollow body portion in communication with the first mentioned body portion, and a diaphragm forming a part of the latter body portion for forcing material therethrough.

2. In a device of the character described, a tubular body portion, a plug secured to the body portion adjacent to one end thereof, a hollow cone-shaped body portion in communication with the first mentioned body portion, and means forming one wall of the cone-shaped body portion for forcing material through the first mentioned body portion.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM WALKER SADLER.

Witnesses:

J. B. SANDERS,  
R. L. BOTTOR.