

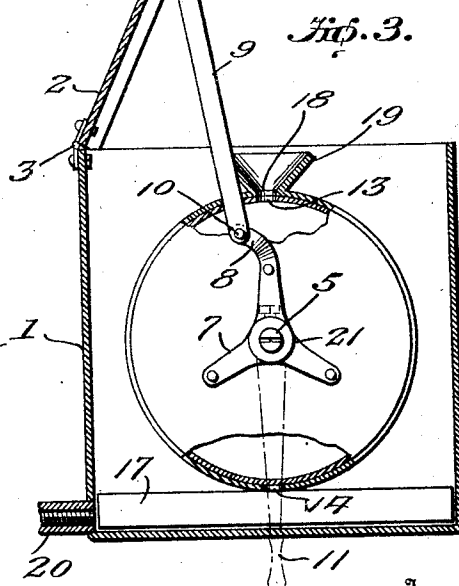
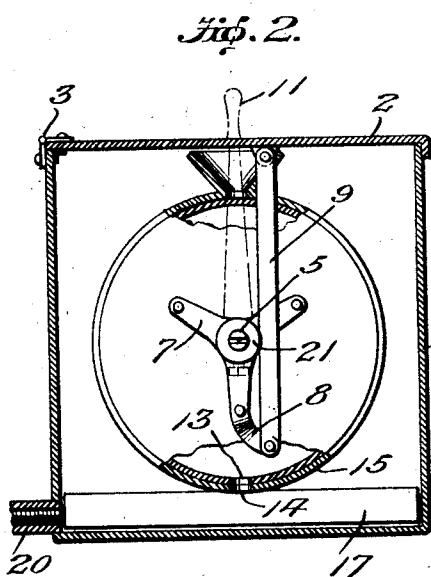
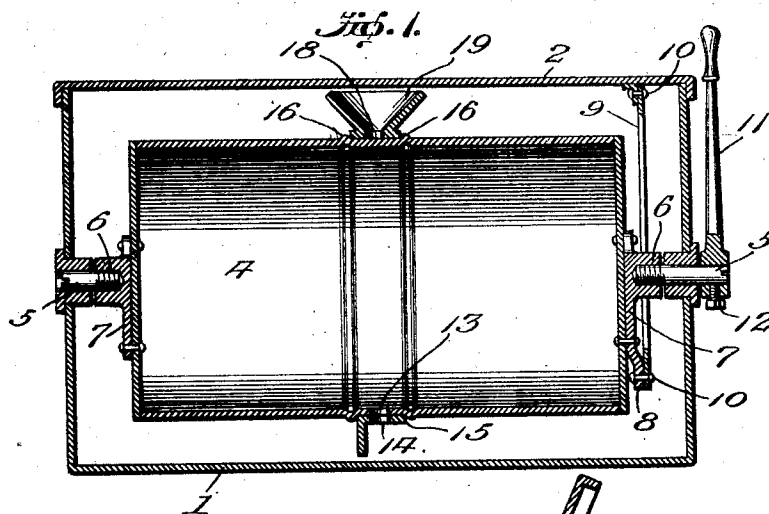
Mar. 3, 1925.

1,528,702

H. M. SHEER

OIL CONTAINER

Filed Jan. 26, 1924



Inventor

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UNITED STATES PATENT OFFICE.

HENRY M. SHEER, OF QUINCY, ILLINOIS.

OIL CONTAINER.

Application filed January 26, 1924. Serial No. 688,806.

To all whom it may concern:

Be it known that I, HENRY M. SHEER, a citizen of the United States, residing at Quincy, in the county of Adams and State of Illinois, have invented certain new and useful Improvements in Oil Containers, of which the following is a specification.

My invention relates to an improvement in oil containers.

This present invention presents some features of improvement over my invention as disclosed in application Serial No. 683,786, filed in the United States Patent Office, December 31, 1923, and it consists in an outer and inner container, the outer container having a movable top and the inner container pivoted to turn simultaneously in opposite directions with the opening and closing of the top, and arranged to receive its contents when the lid is opened and to discharge it when the top is closed.

In the accompanying drawings:

Figure 1 is a vertical longitudinal section;

Fig. 2 is a transverse section with the lid or top closed; and,

Fig. 3 is a similar view with it raised or open.

The numeral 1 represents a tank or outer container and 2 is the top or lid connected at one edge thereto by ordinary hinges 3.

An inner container 4 in the form of a cylinder is pivotally mounted at the ends by means of screw trunnions or similar means 5 which are screwed into the threaded holes 6 of the brackets 7 which latter are bolted or riveted to the ends of the cylinder container 4.

From an arm 8 forming an integral part of one bracket 7 a connecting rod 9 extends to the lid or cover 2, to which two parts it is pivotally connected by bolts or rivets 10.

A hand lever 11 is held fast on the outer end of one of the screw trunnions 5 by set screw or similar means 12.

When the handle is raised to a vertical position as shown in full lines in Fig. 1 and dotted lines in Fig. 2 it closes the lid or cover and turns the cylindrical inner container 4 so that the opening 13 is at the bottom in registry with the opening 14 of the band 15 which surrounds and loosely fits the center zone of the cylindrical inner container 4, it being confined between the circumferential beads 16 preferably formed in the cylindrical container on either side of the band.

A stop 17 prevents the band from turning as in my former application.

When the handle 11 is turned down as shown in dotted lines in Fig. 3, the cylindrical inner container 4 is given a half turn which brings the opening 13 into registry with the hole 18 in the bottom of the filling funnel 19, at the same time the lid or cover is raised as fully illustrated in Fig. 3.

Thus with a half turn of the cylindrical inner container 4 and the handle 11 the lid or cover is raised or lowered and the inner container is changed simultaneously from a filling to an emptying position or vice versa. The numeral 20 indicates an oil outlet from the outer container or tank 1.

By reference to Fig. 2 it will be noted that the hub 21 in cooperation with the arm 8 forms a lateral stop against which the connecting rod 9 impinges when the lid or cover is down thereby preventing further turning of the inner container in that direction.

I claim:

1. The combination of a stationary tank, a container rotatably mounted therein, a movable lid for opening or closing the stationary tank, and means forming a direct connection between the rotatable container and the lid whereby movement of either one necessarily causes simultaneous movement of the other.

2. The combination of a stationary tank, a container rotatably mounted therein, a movable lid for opening or closing the stationary tank, and a rigid link forming a connection between the rotatable container and the lid whereby the movement of either one will simultaneously move the other.

3. The combination of a stationary tank, a container rotatably mounted therein, a movable lid for opening or closing the stationary tank, means extending from the container to the lid for connecting the two, and means for rotating the container for simultaneously opening or closing the lid.

4. The combination of a stationary tank, a container rotatably mounted therein, pivotal means for said rotatable container, a lid hinged to the stationary tank, a connecting rod pivotally connected with the lid and inner container, and means connected with the pivotal means adjacent one end of the container for turning the latter and simultaneously raising or closing the lid.

5. The combination of a tank or outer

container, an inner rotatably supported container having an opening therein, a surrounding band having openings at different points to register successively with the opening in the inner container, a lid or cover hinged to the outer container, connecting means extending from the lid or cover to the inner container and means for turning the latter on its axis whereby the lid is raised with the turn of the inner container in one direction and closed with its turn in the opposite direction.

6. The combination of an inner and outer container, the latter rotatably supported within the former, a lid hinged to the outer container, a connecting rod pivotally connected with the lid and inner container for causing the two to move simultaneously, the

relative position of the pivots of the connecting rod and the hub of the inner container being such that when the lid or cover is closed the hub forms a lateral stop for the connecting rod thereby preventing the further turning of the inner container.

7. The combination of a stationary tank, a rotatable container pivotally mounted therein, brackets secured to the ends of the container, trunnions journaled in the sides of the tank and extending into the brackets and acting as pivots for the container, one of said trunnions extending outwardly to a point exteriorly of the tank, and a handle secured to said trunnion for rotating the same and the container.

In testimony whereof I affix my signature.
HENRY M. SHEER.