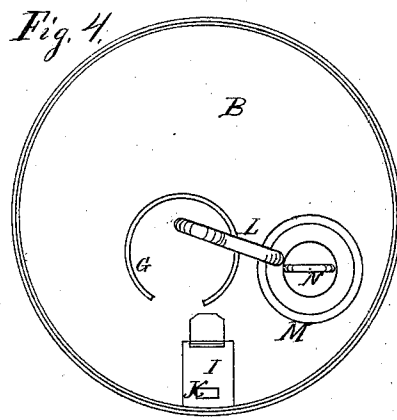
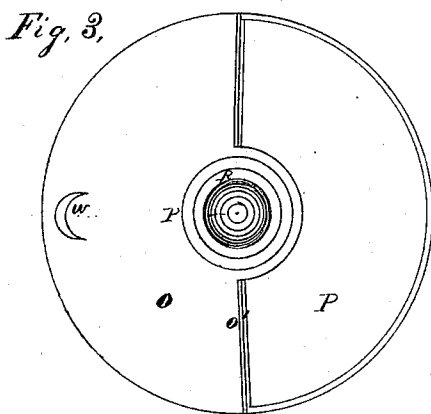
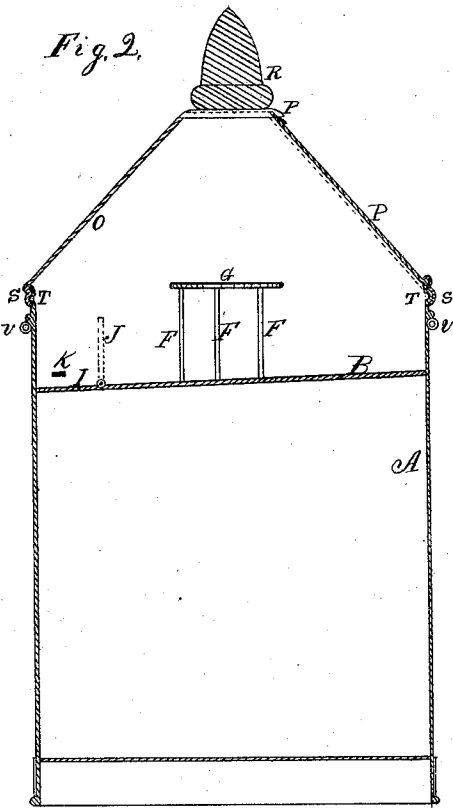
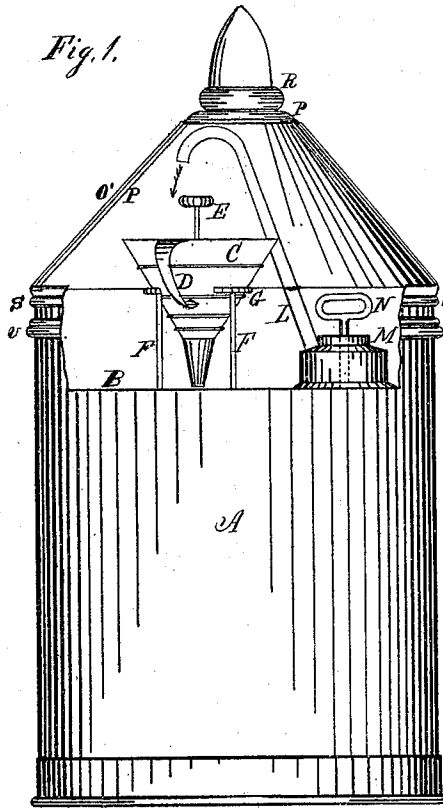


W. C. STRICKLER.

Oil-Tank.

No. 130,762.

Patented Aug. 20, 1872.



Witnesses.

Isaac van Hagen
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UNITED STATES PATENT OFFICE.

WALTER C. STRICKLER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN OIL-TANKS.

Specification forming part of Letters Patent No. 130,762, dated August 20, 1872.

I, WALTER C. STRICKLER, of Chicago, in the county of Cook and State of Illinois, have invented an Improved Oil-Tank, of which the following is a specification:

The following-described invention relates to an improvement in that class of oil-tanks which is provided with pumps for drawing the oil; and its nature consists, first, in providing the tank with a measuring-funnel, a pump, and funnel-holder; second, in providing the tank with a sliding semi-conical cover, which is held in position by a grooved rim or flange sliding around the top of the periphery of the tank, as hereinafter fully described and shown.

In the drawing, Figure 1 is an elevation of my improved can with the cover open, and a portion of the body of the tank, above the partition or inner cover, broken away to show the devices inside; Fig. 2, a vertical section of the tank; Fig. 3, a top view of the tank; Fig. 4, a view of the tank with the conical top removed from the body, and the funnel removed from the holder or rack.

A represents the body of the tank, which, independent of the other parts, is not considered novel, it being made in the ordinary manner. B represents an inclined metal partition or cover, which serves to support the pump M N and the funnel support or rack F G, and convey the dripping from the pump back into the tank by means of a loosely-fitting door, I, which is also used for the convenience of access to the inside of the tank for the purpose of cleaning, &c. A pump, M N, is fastened to the inclined plane B, and is arranged, in the usual manner, to draw out the contents of the tank, force them up through a conducting-pipe, L, and discharge them into a measuring-funnel, C. Nothing new is claimed in the funnel of itself; but I use one which not only measures, but is provided with a valve and rod, E, to hold the contents in the funnel until they are to be discharged into a receptacle. To hold the funnel C in place when it is being filled I employ a circular frame, G, which, supported at a suitable height from the plate B by standards fastened to said plate, as shown

in Figs. 1, 2, and 4, the front part of the frame G being removed to give room for the funnel-handle D. The dome of the tank is shown at O P, the part O being arranged to slide over the part P, as shown in Fig. 1, for the convenience of reaching the devices on the top of plate B. The means for holding the semi-cover O in position to slide consists of rim S, which is provided with a depression or groove on its inside, fitting onto a convex bead or projection, T, on the body of the cam A, as shown at Fig. 2. By this means the dome is securely fastened to the body, and dust or dirt is effectually excluded from devices underneath. The means for stopping the sliding cover at the proper place consists in a metal rod or strip, O', attached to the part P a little distance from its edge, this stop being necessary in order that cover may be opened and closed without any special care.

Pumps have been used with tanks before; so, in the matter of pumps alone with tanks, there is no novelty. Tanks with domes above have been used; so I claim nothing in the dome, except in the matter of construction.

To use the device the cover can be moved back by means of the handle *w*, Fig. 3; after which the pump can be operated by handle N of the piston-rod, which will draw the contents of the tank, in part, into measuring-funnel C; and when the proper amount has been drawn the funnel is to have its nozzle placed over a receptacle, and the valve-rod E raised in the usual manner of such funnel. The funnel is then replaced in rack G F. The tank is filled by means of a door, I.

I claim—

1. The tank provided with with a measuring-funnel, C, funnel-rack G F, and pump M N, substantially as described and shown.

2. The tank A provided with a sliding semi-conical cover, O, in combination with a grooved rim, S, and a stop O', substantially as and for the purpose set forth.

WALTER C. STRICKLER.

Witnesses:

G. L. CHAPIN,
ISAAC VAN HAGEN.