

H. HEELEY.  
Cans for Oil, &c.

No. 153,822.

Patented Aug. 4, 1874.

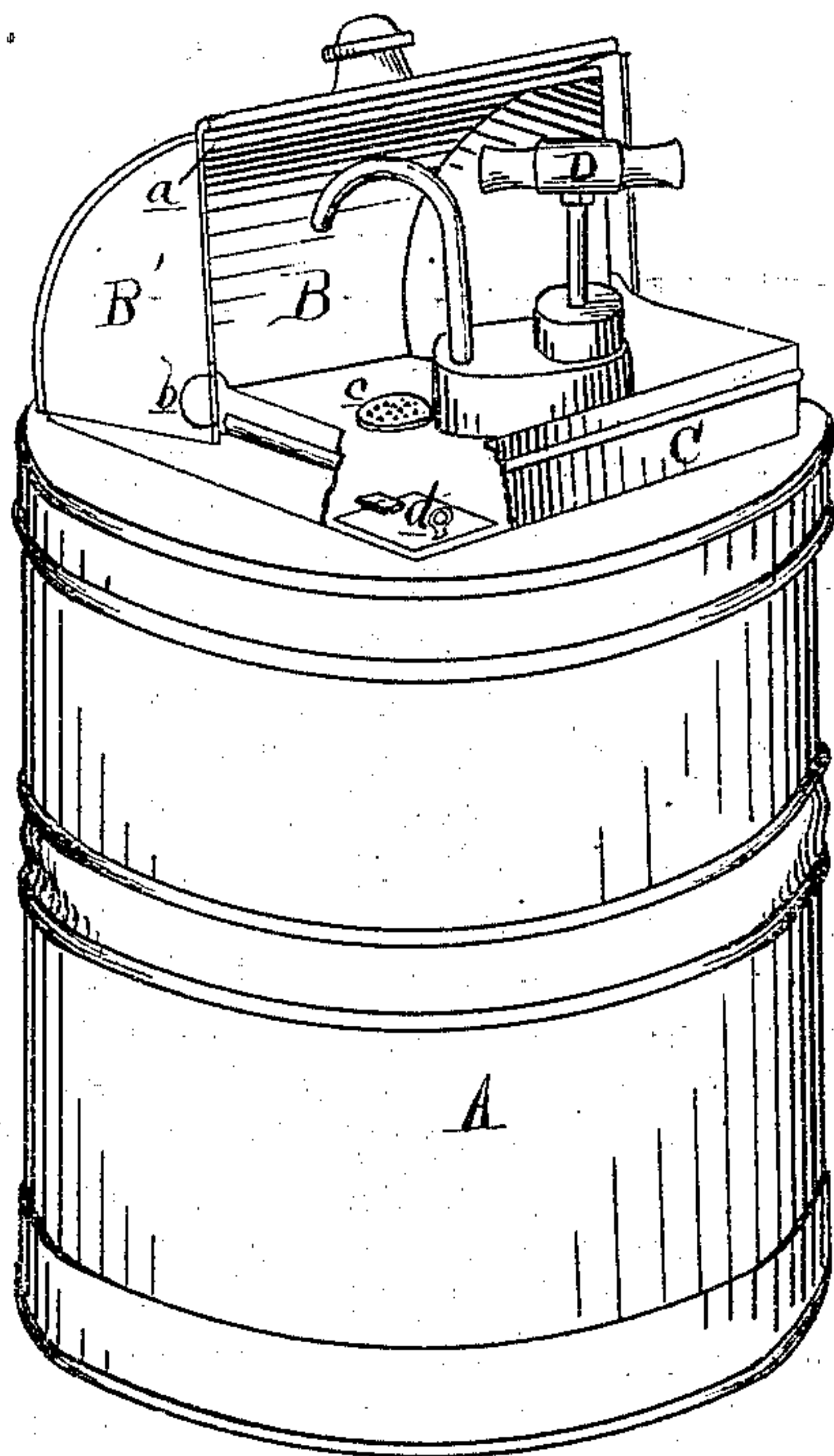


Fig. 1

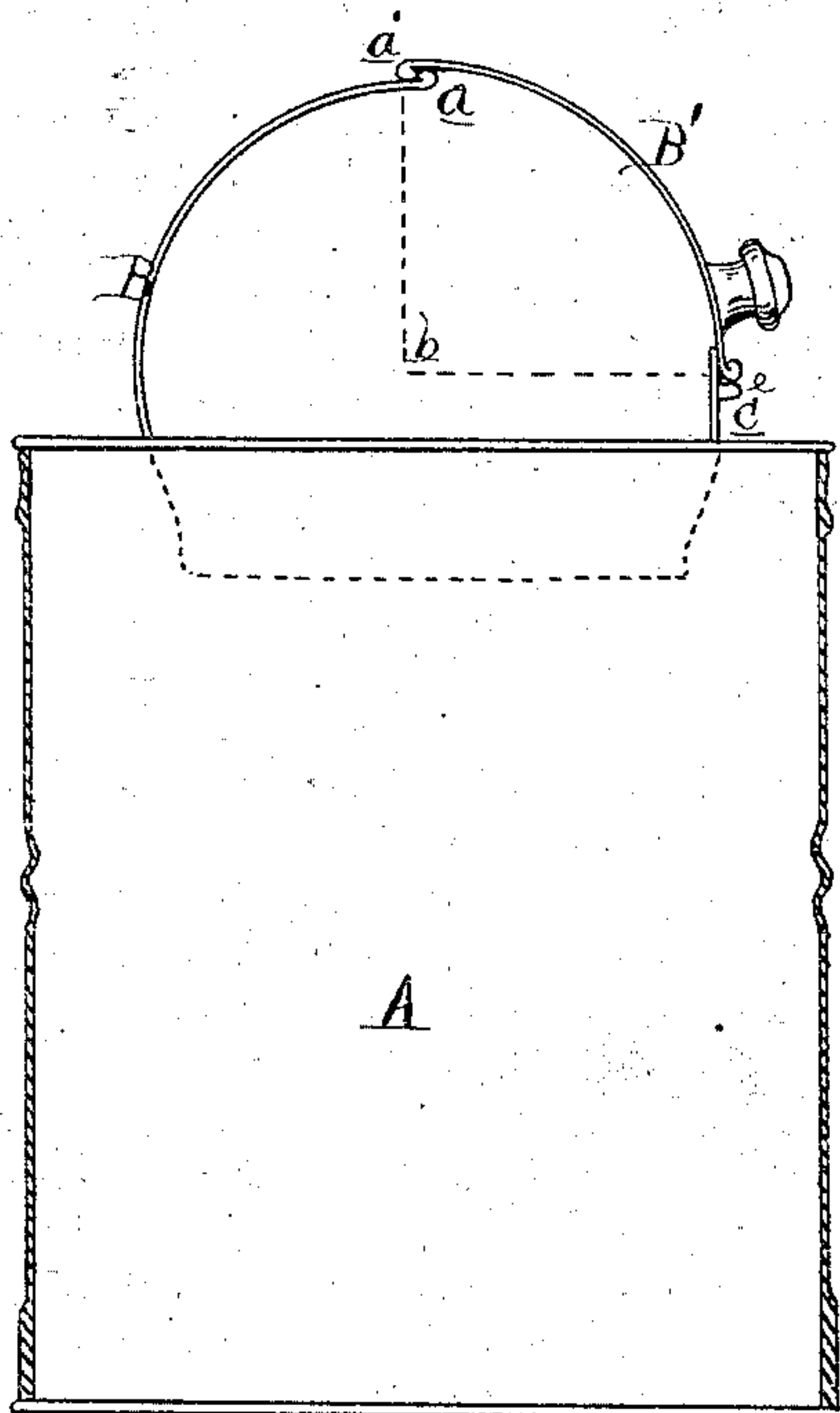


Fig. 2

Attest

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN CANS FOR OILS, &c.

Specification forming part of Letters Patent No. **153,822**, dated August 4, 1874; application filed  
July 15, 1873.

*To all whom it may concern:*

Be it known that I, HEZEKIAH HEELEY, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Oil-Tanks; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 is a perspective view of an oil-tank constructed in accordance with my invention, showing the cover open; and Fig. 2 is a vertical section of the same, showing the cover closed.

Similar letters of reference denote the same parts in the several figures of the drawings.

My invention has for its object to improve the construction of oil-tanks for storage purposes, and for the use of the retail trade. Tanks of this class are generally constructed of large size, varying from sixty to five hundred gallons each, and are provided with a top of such form as shall contain a pump for raising and discharging the oil, a sink to support the measures, and carry back the drippings or surplus oil into the tank, a suitable opening for filling the latter, and a cover for inclosing the whole to conceal the pump and utensils. It has heretofore been customary to construct these tops in three general forms, to wit: First, a conical top secured firmly in the tank, and provided upon the front with a sliding cover, by which access is had to the pump, sink, &c.; secondly, to construct the top in the form of a segmental case, having a radius equal to that of the tank, and hinged to the top of the latter, so as to be raised or swung up for access to the pump, sink, &c.; and, thirdly, to leave the tank entirely open at the top to receive a pan adapted to fit down in and close the mouth of the tank, the pan being provided with the usual hinged cover, sink, pump, &c. These several tops are objectionable upon large tanks for the reason that, as the first is formed of equal diameter with the tank, its construction becomes too expensive, while the second and third forms, in addition to the cost of construction, are too clumsy and heavy to be readily opened and closed. My invention is designed to overcome

these objections; and to this end it consists in constructing the top compartment of less diameter than the body of the tank, whether such top is fixed or removable with respect to the tank. It also consists in certain details of construction, as will be hereinafter more particularly described. My invention also consists in attaching the top compartment directly to the top surface of the tank, instead of letting it into the same, for the purpose of utilizing the entire capacity of the tank.

For the purposes of description I will refer herein to a round top having a square or angular base, as illustrating one method of carrying the first part of my invention into practice.

In the accompanying drawings, A is the body of the tank of a capacity varying from sixty to five hundred gallons. The top is composed of a hood, B, and a folding or sliding cover B'. Instead of constructing the top compartment of equal diameter with the tank, I make it of less diameter, and attach it to the top of such tank, as shown, either in a fixed position or in the form of a pan let into the top of the tank, so as to be removable. By this construction I am enabled to use one general size of top for tanks of different sizes, thereby decreasing the cost of manufacture, while retaining all the advantages resulting from the use of a light and compact inclosing cover.

The special construction of the top, which forms the second part of my invention, consists in the hood B, comprising a little more than a quarter circle, closed at its ends, and provided with a circular cover, B', pivoted thereto at the common axis *b*. The cover B' is closed at its ends, and has its upper edge *a'* turned in and wired to fit against the corresponding wired edge *a* of the hood, so as to form a tight joint for the exclusion of dust, &c., when the cover is closed. C is a ledge or upright flange forming the front base of the hood, and provided with a wire or stop, *e*, against which the cover fits with close contact when closed. *c* is the strainer, through which oil drippings from the measure are returned to the tank; and D is the pump, of any suitable description.



It will be observed that this top is secured directly to the top of the tank, instead of being let into it. This feature constitutes the third part of my invention, and admits of utilizing the entire capacity of the tank, instead of occupying a part of the tank by letting the top into it, and thereby reducing its capacity.

Having thus described my invention, what I claim is—

1. An oil tank or reservoir having its fixed top compartment of less diameter than the body of the tank, substantially as described, for the purposes specified.

2. An oil tank or reservoir having its top

compartment of less diameter than the body of the tank, and secured to a pan let into the head of such tank, substantially as described.

3. The hood B, cover B', and ledge C, combined with the oil-tank A, substantially as described, for the purpose specified.

4. An oil tank or reservoir having its top compartment permanently fastened to the top, instead of being let into it, substantially as described, for the purpose specified.

HEZEKIAH HEELEY.

Witnesses:

D. E. McCONKEY,  
CHARLES WILSON.