

FICKETT & WARE.  
Liquid Measure.

No. 65,897.

Patented June 18, 1867.

Fig. 2

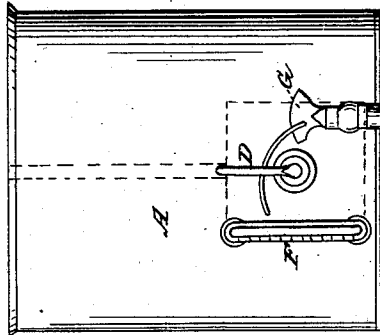


Fig. 4

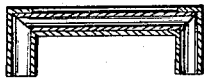


Fig. 3

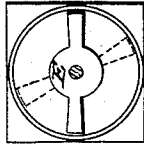
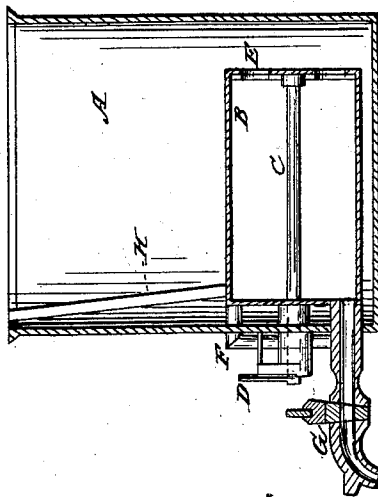


Fig. 1



Witnesses:

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Albert Fickett  
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# United States Patent Office.

ALBERT FICKETT AND JUSTIN C. WARE, OF TITUSVILLE, PENNSYLVANIA.

Letters Patent No. 65,897, dated June 18, 1867.

## IMPROVEMENT IN DEVICE FOR MEASURING LIQUIDS.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALBERT FICKETT and JUSTIN C. WARE, of Titusville, in the county of Venango, and in the State of Pennsylvania, have invented certain new and useful improvements in Devices for Measuring Oil; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making a part of this specification, A represents an oil tank, made large enough to contain one or two hundred barrels of oil, or more or less, as the case may be. Within this tank is secured a vessel, B, of any required or desired shape, which will hold about forty (40) or forty-two (42) gallons of oil. Running through this vessel B is a shaft, C, which said shaft is provided with a lever-handle, D, on one end, which end is outside of the vessel or tank, and on the others with a valve, E. The valve E is made in any desired manner, and is intended to close or open an opening made in the inner end of the vessel B, for the purpose of admitting or excluding oil from said vessel. F represents a pipe, which connects the bottom and top vessel B, running through the sides of tank A, as shown. Within one side of this pipe glass is inserted, so as to render it transparent, and upon the edge of the metal of said tube marks or indicators are made so as to determine the amount of oil in the vessel. G represents a stop-cock, which connects with the vessel B, for the purpose of drawing the oil from it. H represents an air pipe to the vessel B.

The object of this invention is to measure oil within the tank before it is drawn out, and this is done as follows: The lever D is turned so as to open the valve E; the oil passes from tank A to vessel B. As the vessel B fills the amount of oil in it is indicated in the tube F. As soon as the number of gallons to be drawn are indicated in pipe F, the lever D is turned so as to close the valve E. The stop-cock G is then opened, and the oil from the vessel B is allowed to pass into the barrel or other receptacle placed to receive it. Vessel B can be placed without the tank.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The arrangement of the vessel B, secured within the tank A, and used in connection with a valve and stop-cock, substantially in the manner and for the purpose specified.

2. In combination with the above an indicator arranged as and for the purpose specified.

As evidence that we claim the foregoing we have hereunto set our hands in the presence of two witnesses.

ALBERT FICKETT,  
JUSTIN C. WARE.

Witnesses:

J. P. VARIAN,  
JOS. H. LIVINGSTON.