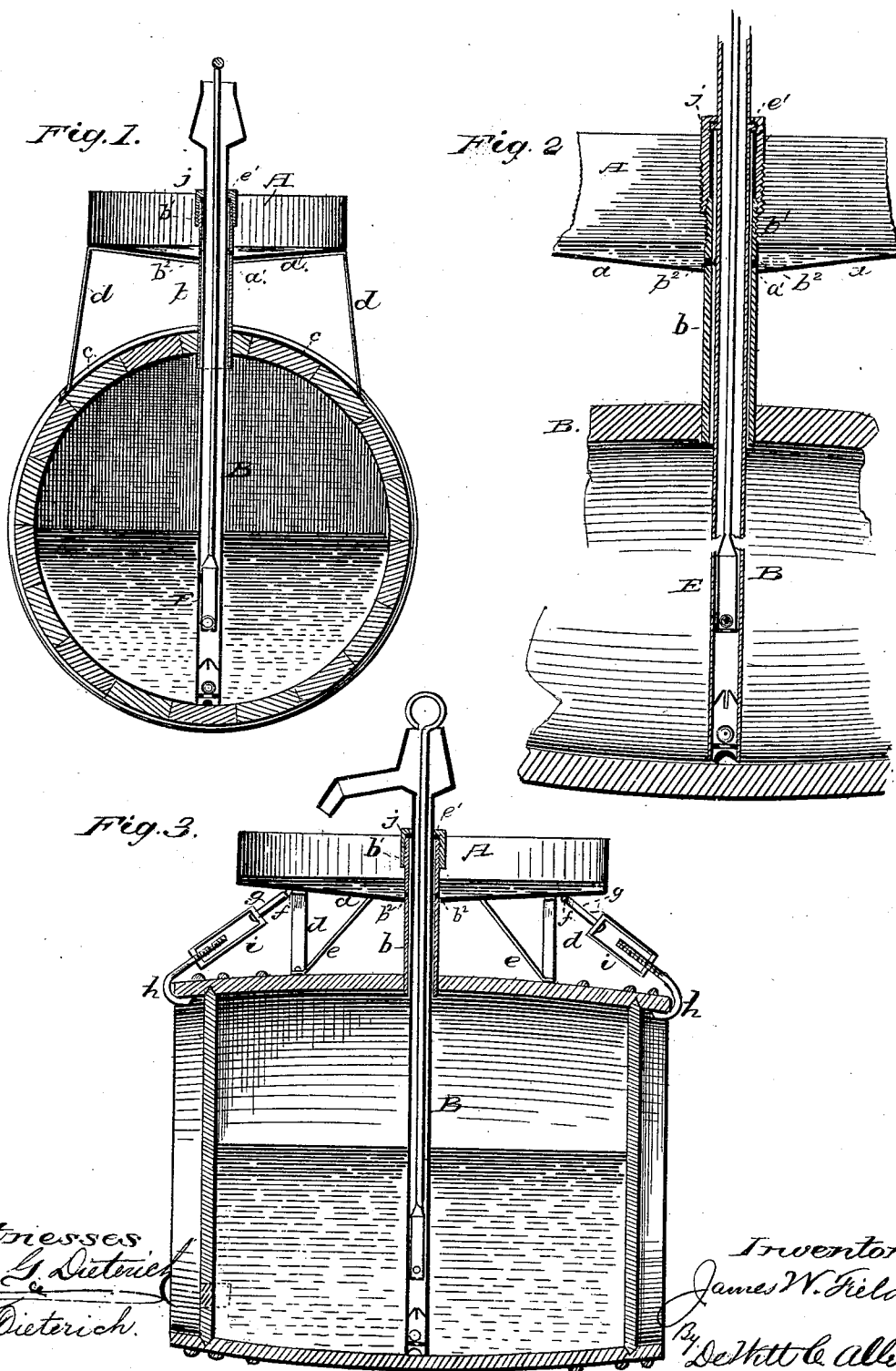


J. W. FIELD.
Apparatus for Dispensing Liquids.
No. 217,932. Patented July 29, 1879.



Witnesses
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IMPROVEMENT IN APPARATUS FOR DISPENSING LIQUIDS.

Specification forming part of Letters Patent No. **217,932**, dated July 29, 1879; application filed March 5, 1879.

To all whom it may concern:

Be it known that I, JAMES W. FIELD, of Marysville, in the county of Union and State of Ohio, have invented a new and useful Improvement in Apparatus for Dispensing Liquids; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is an end sectional elevation through the center of apparatus. Fig. 2 is a detail sectional elevation of connection between drip-pipe and pump. Fig. 3 is a side sectional elevation of apparatus, showing mode of attachment to barrel or other vessel.

Similar letters of reference indicate corresponding parts.

This invention relates to new and useful improvements in the class of portable and adjustable or detachable cases or sinks provided with a pump, and adapted to be applied to an ordinary cask, barrel, or receptacle containing oil or other liquid, whereby the oil or other liquid can be economically dispensed, with regard to time and labor; and the invention consists in a construction and arrangement of parts for supporting and adjustably or detachably securing the case or sink to a cask or barrel, whereby it is also adapted to be applied to different-sized casks or barrels.

It also consists in a novel means for adjustably, but rigidly, securing a pump to the drip-pipe of the sink or case, all as will be hereinafter fully described.

In the drawings, A represents a case or sink having a sloping bottom, *a*, and a central opening, *a'*, through which passes a vertical drip or waste tube, *b*, rigidly secured to said case or sink. The case or sink may also be provided with a foraminous stand to support the measures while the oil or other liquid is being drawn. The said tube *b* is to be inserted in the bung-hole of a barrel or cask, and extend down into the interior thereof when the case or sink is applied thereto, said tube being provided with apertures *b'*, to allow the liquid in the case or sink to return into cask or barrel, as shown in Fig. 2.

The case or sink is supported above the cask or barrel B by the standards *d d*, secured to the under side of the case or sink, and to the curved plates *c c*, fitting over the cask or barrel, and the diagonal braces *e e*, secured to the center of the curved plates *c c*, and near the center of case or sink, thereby supporting the center of the same. Attached to the under side of the case or sink by hinge-joints *f f* are metallic rods *g g*, having hooks *h h* on the lower ends, which engage with the chimes of the cask or barrel, said rods being provided with turn-buckles *i i*, by means of which the entire apparatus is adjusted and firmly secured to the barrel or cask, and by means of which it can be applied to different-sized casks or barrels.

E is a suction-pump of the ordinary construction, the stock of which extends down through the drip or waste tube, and is supported and adjustably secured to said tube in the following manner: The end of the drip or waste tube extending up into the case or sink A is provided with an exterior screw-thread, *b'*, for engaging with a screw-cap, *j*, working on a collar, *e'*, secured around the pump-stock, and near the upper end thereof, so that when said cap *j* is screwed on the drip or waste tube *b* it draws the pump-stock firmly to the bottom of the barrel or cask and secures it to the case or sink, thus making the entire apparatus perfectly solid. The screw-cap *j* also affords a means of adjustment for varying depths of casks or barrels, all as clearly shown in Fig. 2.

By my improvements the case or sink can be applied to different-sized casks or barrels, and the pump-stock adjusted to correspond with the varying depths thereof.

I am aware that a portable sink provided with a pump, a drip or waste tube, and adjusting devices for securing it to a cask, barrel, or other receptacle, is old, and such I do not claim, broadly, as my invention; but,

Having thus fully described my invention, what I do claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the case or sink A, and devices for supporting the same on a barrel or cask, of the hooked rods *g g*, hinged

or pivoted to the case or sink, and provided with the turn-buckles *i i*, substantially as and for the purpose herein shown and described.

2. The combination, with the case or sink *A*, of the drip or waste tube *b*, provided with an exterior screw-thread, *b'*, at its upper end, and the pump-stock provided with the collar

e' and the screw-cap *j*, substantially as and for the purpose herein shown and described.

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