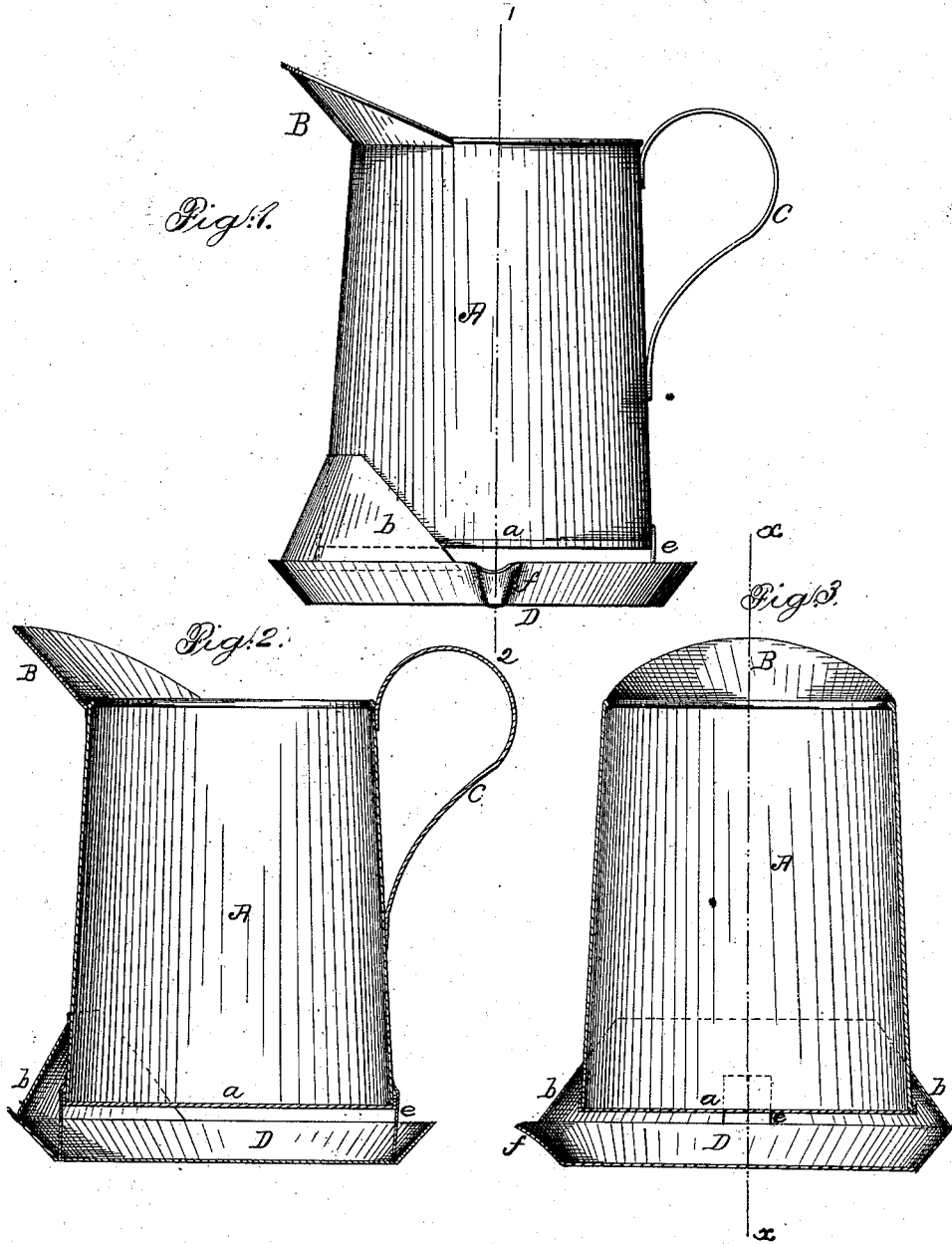


E. M. SHIRLEY.
Drip-Pan for Liquid Measure.

No. 207,138.

Patented Aug. 20, 1878.



Witnesses;
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Chas. O. Gill

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Edward M. Shirley
By his atty.
Cox and Cox

UNITED STATES PATENT OFFICE.

EDWARD M. SHIRLEY, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN DRIP-PANS FOR LIQUID-MEASURES.

Specification forming part of Letters Patent No. **207,138**, dated August 20, 1878; application filed July 31, 1878.

To all whom it may concern:

Be it known that I, EDWARD M. SHIRLEY, of Washington, in the District of Columbia, have invented a new and useful Improvement in Liquid-Measures, of which the following is a specification, reference being had to the accompanying drawings.

The invention relates to an improvement in liquid-measures; and consists in providing below the bottom of the measure a drip-pan, substantially as shown, and for the purpose set forth hereinafter; the object being to afford a means whereby any overflow or dripping from the measure may be readily caught and saved.

Referring to the accompanying drawings, Figure 1 is a side elevation of a device embodying the elements of the invention. Fig. 2 is a central vertical section of same through the line *x x*, Fig. 3. Fig. 3 is a similar view through the line 1 2, Fig. 1.

In the accompanying drawings, A represents an ordinary liquid-measure, having the lip B and handle C, and supplied at a proper distance below the bottom *a* with the drip-pan D, the sides of which deflect upward and outward, and which is connected as to its front portion with the measure by the flange *b*, extending from the upper edge of the pan inward, and being rigidly or otherwise suitably affixed to the body of the measure directly below the lip B, and a suitable distance above its bottom *a*. The rear portion of the measure A is supported by the standard *e*, which passes from the edge of the bottom *a* downward, and is secured to the bottom or sides of the drip-pan. Upon one side or both of the drip-pan D, and adjacent the flange *b*, may be furnished a spout, *f*, if desired, whereby any matter in the said pan may be readily poured into a small-mouthed receptacle without spilling.

The design of the drip-pan is to receive any matter that may overflow the sides of the measure in rear of its lip B, and that of the flange *b* is to form, in connection with the sides

of the drip-pan, a receptacle to retain, while the contents of the measure are being poured off, such matter as may have previously entered the said pan, as above stated. After the measure has been emptied and returned to a vertical position, it is obvious that the liquid in the drip-pan may be withdrawn by means of the spout *f* by simply turning the measure sidewise. Thus every particle of the liquid is saved—a very great desideratum when fine brandies and wines are being handled.

If desired, the front edges of the drip-pan may be a little more elevated than its rear, and an inclined groove formed along the junction of the drip-pan and flange *b*, so that should any drops trickle from the lip B, they could enter the said groove and pass into the pan.

The drip-pan also serves to protect the measure from being injured, by elevating it above the floor and preventing its bottom being knocked.

It is manifest that the drip-pan above described could be attached to the measures now in use without difficulty, thus obviating the necessity of purchasing a whole new measure.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. As an attachment for a liquid-measure, a drip-pan secured below the bottom of the measure, and held in position as to its front edge by a flange and as to its rear by a standard, or equivalent devices, substantially as shown and described.

2. The measure A, in combination with the pan D, having the flange *b* and standard *e*, substantially as specified.

In testimony that I claim the foregoing improvement in liquid-measures, as above described, I have hereunto set my hand this 31st day of July, 1878.

EDWARD M. SHIRLEY.

Witnesses:

CHAS. C. GILL,
JOS. T. K. PLANT.