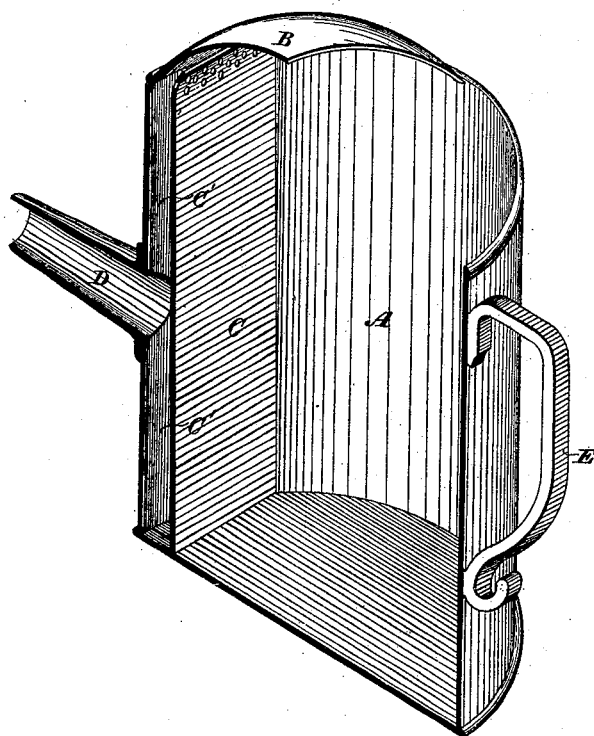


S. R. DUMMER.
LIQUID MEASURES.

No. 189,345.

Patented April 10, 1877.



WITNESSES

Wm. A. Smith
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UNITED STATES PATENT OFFICE

SAMUEL R. DUMMER, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN LIQUID-MEASURES.

Specification forming part of Letters Patent No. **189,345**, dated April 10, 1877; application filed March 1, 1877.

To all whom it may concern:

Be it known that I, SAMUEL R. DUMMER, of Jersey City, in the State of New Jersey, have invented new and useful Improvements in Liquid Measures, of which the following is a specification, that, by reference to the accompanying drawings, will enable those skilled in the art to which my improvements relate to make and use the same.

My invention relates to liquid-measures of the class that are provided with a discharge-spout. In such measures as heretofore constructed the spouts have been located at the top, and in order to empty them through their spouts it has been necessary to hold them in position over a bottle, can, jug, demijohn, or other receptacle until their contents have all been discharged. This, in the case of many liquids—as, for instance, molasses and various viscous and heavy oils—is often a tedious process; and even in emptying the most attenuate and least viscid liquids accidents are liable to occur from carelessness or unsteadiness of the hand.

To avoid these inconveniences, my invention consists in a measure and funnel combined, formed by placing a partition within the measure and near the side on which the spout is, thus leaving a space, canal, or passage between the partition and that side or wall out from which passage, from about the middle height of the measure, the spout projects at right angles.

In the drawing, a central vertical section of my combined measure and funnel is illustrated.

A indicates the body of the measure, which may be of any desired size; B, the hood or dam, which prevents the liquid from being spilled when the measure is tipped forward to empty it; C, the partition forming the passage C', opening under the hood into the top of the measure; and D the spout, leading out of the passage C' through the side of the measure at right angles, and from its middle altitude.

A handle, E, as illustrated in the drawing, may or may not be provided.

It is desirable that the partition C should be a little wider at the bottom than at the top, thus giving it a slight inclination to the elements of the measure, for a purpose that will presently appear. This partition should rise flush with the sides of the measure, and may extend above them, and be perforated or otherwise provided with a strainer.

I do not confine myself to the method of forming the passage C' by means of a partition within the measure, as above described, because it might be formed in other ways, and even upon the outside of the wall of the measure.

The object of having the spout project from the side of the measure midway of its height and at right angles is that, when the spout is inserted in the neck of a bottle or like receiver, it will balance and support the measure and its escaping contents in a horizontal position.

The object of the inclination of the partition, as above set forth, is that, when the measure is thus balanced and supported by the spout, the partition, which thus becomes the bottom, will form an inclined way, down which the liquid will run into the passage to enter the spout.

From the foregoing description of my combined measure and funnel, it will appear that, to empty it, it is only necessary that it be tipped and its spout inserted in the mouth of any receiving-vessel where it will support itself, and may be left until its contents are thoroughly drained out.

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

1. A liquid-measure provided with a passage or canal along its side, from which a circular spout projects about midway of its height and at right angles, substantially as specified.

2. A liquid-measure provided with a hood, B, and partition C, substantially as specified.

3. A liquid - measure provided with an inclined partition, substantially as specified.

4. In a liquid - measure, the combination of a hood, B, a partition, C, and a spout, D, substantially as specified.

5. As an improved article of manufacture, the combined measure and funnel herein described, in which the spout projects from about the middle height of the side of the

measure, so as to balance and support the same for emptying it, substantially as specified.

In testimony whereof I have hereunto subscribed my name.

SAMUEL R. DUMMER.

Witnesses:

C. S. NEWCOMB,

E. M. VAN BEUREN.