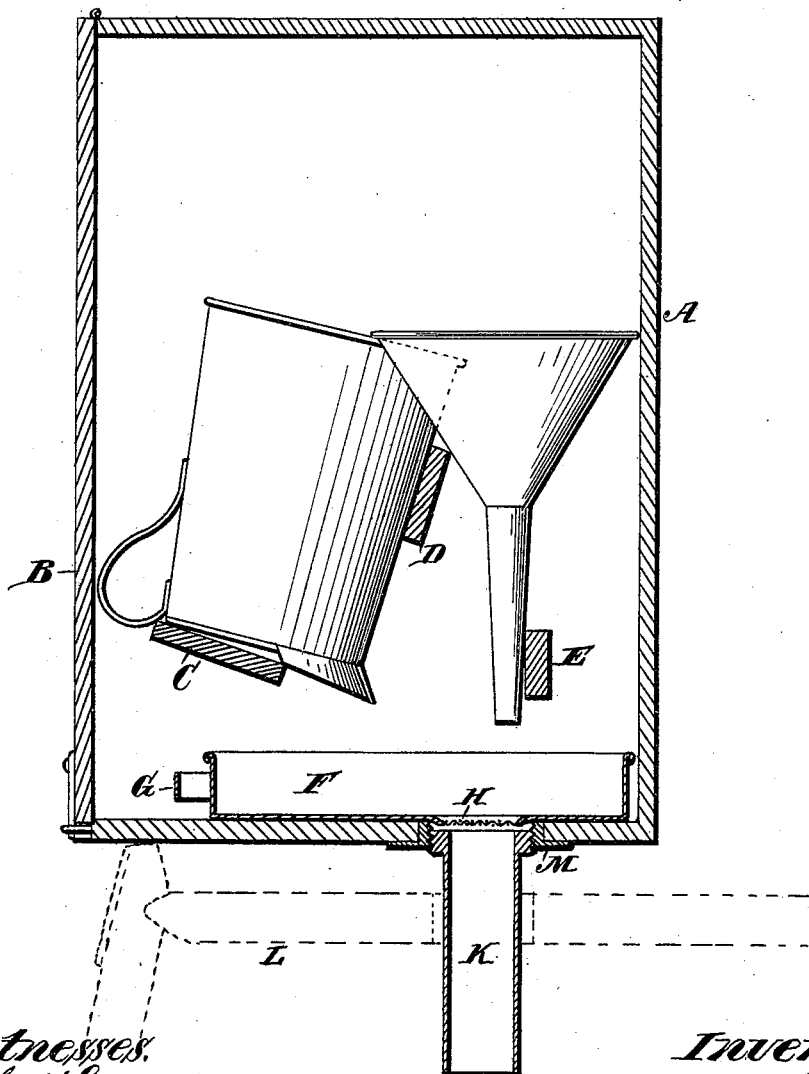


(No Model.)

H. PANNILL.
DRAINER FOR LIQUID MEASURES.

No. 421,754.

Patented Feb. 18, 1890.



Witnesses:
Robert Everett,
Geo. H. Rea

Inventor:
Henry Pannill.
By *James L. Norris.*
Atty.

UNITED STATES PATENT OFFICE.

HENRY PANNILL, OF PETERSBURG, VIRGINIA, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE PANNILL DRAINER COMPANY, OF SAME PLACE.

DRAINER FOR LIQUID-MEASURES.

SPECIFICATION forming part of Letters Patent No. 421,754, dated February 18, 1890.

Application filed September 3, 1889. Serial No. 322,905. (No model.)

To all whom it may concern:

Be it known that I, HENRY PANNILL, a citizen of the United States, residing at Petersburg, in the county of Dinwiddie and State of Virginia, have invented new and useful Improvements in Drainers for Liquid-Measures, of which the following is a specification.

My present invention relates to improvements in the apparatus for draining liquid-measures, described in Letters Patent No. 370,648, granted to me September 27, 1887.

The object of my improvements, herein after described, are to provide a simple, cleanly, and convenient means for straining the drippings from inverted liquid-measures—such as gallon, quart, and pint vessels, used for measuring molasses or other tenacious liquids—and conveying the strained drippings into a suitable receptacle, from which the molasses or other liquid can be subsequently removed as required.

The invention consists of a case or box having an orifice in its bottom wall, a depending discharge-tube secured at such orifice and adapted to enter an opening in a barrel or similar receptacle, a removable drip-pan supported by the bottom wall of the case or box and provided in its bottom with an attached strainer located in coincidence with the discharge-tube, and rails located in the case or box above the drip-pan for supporting the liquid-measures.

The invention is illustrated by the accompanying drawing, in which the figure is a vertical sectional view of the improved apparatus.

As described in my said former patent, the draining apparatus comprises a box or casing A, having a door B, which may be provided with a suitable fastening. Within the box A near the bottom is secured a bar or rail C, adapted to form one of the supports for the vessel to be drained. Another bar or rail D is arranged above and to the rear of the rail C to form another support for the inverted vessel. These rails C and D are preferably inclined toward each other, as

shown in Fig. 1. At the rear of the bars C and D is arranged a bar or rail E, which serves, in connection with the bar D, as a support for funnels and holds them in a vertical position while being drained.

On the bottom wall of the box or casing A, beneath the bars or supports C, D, and E, as shown in Fig. 1, rests a tray or drip-trough F, having a handle G, by which it can be removed.

The bottom of the tray or drip-trough F is provided with an opening in which is placed a strainer H, that communicates with a pipe or tube K, leading to a barrel or other receptacle L located at a level lower than the draining apparatus.

The pipe or tube K may be detachably connected with the draining apparatus or bottom of the casing A by means of a coupling M, of any suitable kind, so that said pipe or tube can be removed.

It will be seen that by means of this improved draining apparatus funnels and liquid-measures can be quickly and thoroughly drained in such a manner as to save the drip and avoid frequent washing or rinsing of said implements, and also that by means of the strainer and the pipe leading from said strainer to a barrel or other closed receptacle any insects, dust, or other impurities that may gain access to the casing or to the measuring implement will be strained out and the drippings saved in a cleanly and economical manner.

By means of this apparatus a set of measuring vessels and funnels can be easily kept clean for immediate use, the drippings can be strained and returned to the barrel or other receptacle from which the liquid was drawn, and thus the ordinary large waste of liquid materials incurred in measuring can be wholly avoided.

What I claim as my invention is—

An apparatus for draining liquid-measures consisting of a case or box having an orifice in its bottom wall, a depending discharge-tube secured at such orifice and adapted to enter an opening in a barrel or similar

receptacle, a removable drip-pan supported
by the bottom wall of the case or box and
provided in its bottom with an attached
strainer located in coincidence with the dis-
5 charge-tube, and rails located above the drip-
pan for supporting the liquid-measures, sub-
stantially as described.

In testimony whereof I have affixed my sig-
nature in presence of two witnesses.

HENRY PANNILL.

Witnesses:

E. S. ROBINSON,
J. M. MULLER.