

No. 733,294.

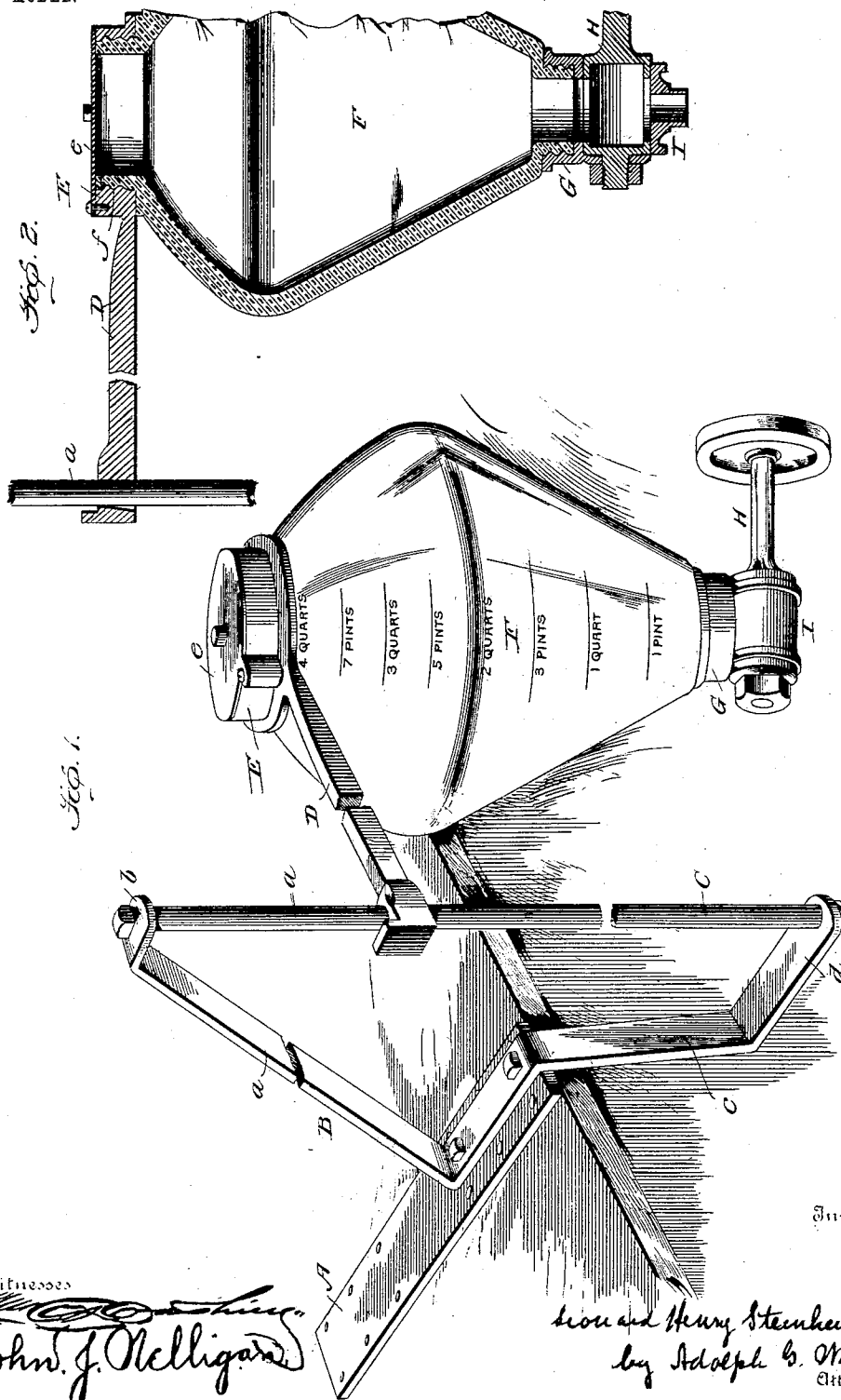
PATENTED JULY 7, 1903.

L. H. STERNHEIMER.

MEASURING FUNNEL AND DEVICE FOR SUPPORTING SAME.

APPLICATION FILED JAN. 27, 1903.

NO MODEL.



UNITED STATES PATENT OFFICE.

LEONARD HENRY STERNHEIMER, OF JONESBORO, ARKANSAS.

MEASURING-FUNNEL AND DEVICE FOR SUPPORTING SAME.

SPECIFICATION forming part of Letters Patent No. 733,294, dated July 7, 1903.

Application filed January 27, 1903. Serial No. 140,780. (No model.)

To all whom it may concern:

Be it known that I, LEONARD HENRY STERNHEIMER, a citizen of the United States, residing at Jonesboro, in the county of Craighead, State of Arkansas, have invented certain new and useful Improvements in Measuring-Funnels and Devices for Supporting the Same, of which the following is a specification, reference being had to the accompanying drawings and to the letters of reference marked thereon.

My invention relates to an improvement in measuring-funnels and devices for supporting the same.

The object of the invention is to provide a novel construction of measuring-funnel and also to provide an apparatus for supporting the same whereby said funnel may be adjusted to proper position to receive the desired material from a cask or barrel and after the desired quantity has been drawn off into the funnel to deliver the same to a receptacle, such as a jug, bottle, or other vessel.

By the arrangement which I have devised the funnel is attached to a bracket which is supported on an elevation, such as a platform, said bracket being adjustable to operate on one or between two barrels of liquid, the horizontal bar attached to the bracket and to which the measuring-funnel is secured being turned beneath the proper spigot to receive the quantity of liquid desired, said liquid being then transferred to any ordinary receptacle by means of the swinging and sliding bar.

As a general thing there is considerable waste in drawing syrup, cider, oil, vinegar, &c., out of barrels, because it is usually drawn into a jar or keg or vessels with small openings, into which one can scarcely see. Therefore in numerous instances these vessels are run over and considerable dirt and waste caused. In molasses and syrups especially the ordinary funnel is very objectionable, because of the fact that it is left dirty and attracts flies and other insects.

By my arrangement the funnel is closed when not in use, so that even if it is not cleansed after each use there is no danger of insects getting into the same.

The invention consists in the matters here-

inafter described, and referred to in the appended claims.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective of my complete apparatus with the measuring-funnel attached thereto; and Fig. 2 is a sectional view through the cap, the measuring-funnel, and the cock and the faucet attached thereto.

In the drawings, A represents a plate adapted to be secured to a platform or other support and having secured to it in any suitable way an angle-iron B, which has the inclined upwardly-extending support *a*, having the horizontally-turned upper end *b*, said angle-iron having also the depending portion *c*, with the horizontal arm *d* parallel with the part *a*, between which parts *a* and *b* is secured a vertical rod C.

Embracing the rod C is a horizontal arm D, which at its outer end is provided with a cap E, having a swinging cut-off plate *e* and provided with an internal screw-thread *f*, into which is screwed the upper end of a measuring funnel or receptacle F, preferably of glass, and marked off into divisions—as, for instance, one pint, one quart, &c. Upon its lower end said measuring funnel or receptacle has an external screw-thread, upon which is screwed the casing G, carrying a cock and faucet H I. The cock H may be turned to allow the contents of the receptacle to escape or to shut off escape thereof.

The horizontal arm above referred to is so constructed that it may be adjusted on the vertical rod and may swing in a horizontal plane; but it is held in the position to which it is adjusted by means of its own weight. To adjust it, the outer end of the arm is raised slightly by the hand to prevent the wall of the opening through which the vertical rod passes bearing against said vertical rod. It may then be adjusted, and upon releasing the same the rear wall of the opening bears against the vertical rod and holds said horizontal rod in place.

To operate the device, the horizontal rod is swung into proper position, so that the measuring-funnel will be below the spigot or opening of the barrel, cask, or other receptacle through which material is to be drawn. The

slide on the cap is then opened and the cock at the bottom of the measuring funnel or receptacle closed, when the material will run in until the measuring funnel or receptacle is filled to the proper extent. The spigot of the cask or barrel is then closed and the cap at the top is also closed, the cock at the bottom is opened, and the material runs out into the jug or other vessel as desired.

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

1. In a device of the character described, the combination with a bracket, of a vertical
15 rod, a horizontal rod extending therefrom and adjustable thereon, and pivoted to swing horizontally, said horizontal rod being provided at its outer end with a cap having a cut-off valve and a measuring funnel or vessel
20 removably attached to said cap, with a removable cock and faucet attached to the under side of said measuring-funnel, and means whereby the horizontal rod may be held

by its own weight to the position to which it may be adjusted; substantially as described. 25

2. An apparatus of the character described, comprising a bracket having a vertical supporting-rod, a horizontally-swinging vertically-adjustable rod thereon, said rod being
30 provided at its outer end with a screw-threaded cap and a slide for closing the top of said cap, a measuring funnel or receptacle having a screw-threaded upper end adapted to engage the threads on the cap, and having a screw-threaded lower end, and a casing provided with a cock and faucet, said casing
35 having internal threads adapted to engage the screw-threads on the bottom of the measuring funnel or receptacle; substantially as described. 40

In testimony whereof I affix my signature in presence of two witnesses.

LEONARD HENRY STERNHEIMER.

Witnesses:

A. L. MALONE,
N. J. THOMPSON.