No. 798,539. PATENTED AUG. 29, 1905.

L. H. STERNHEIMER.

MEASURING FUNNEL.

APPLICATION FILED FEB. 19, 1904.

Fig. 1.

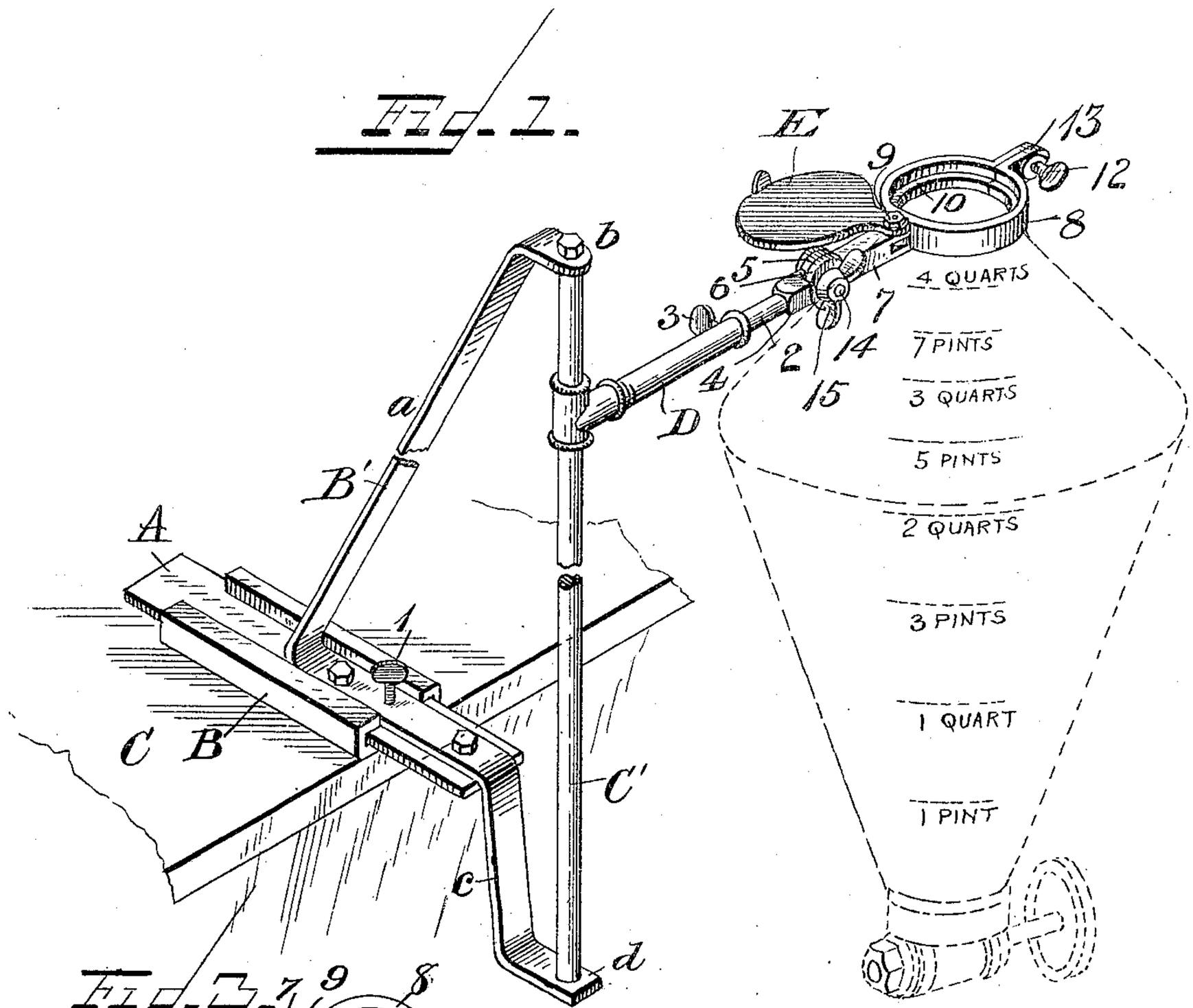

Fig. 3.

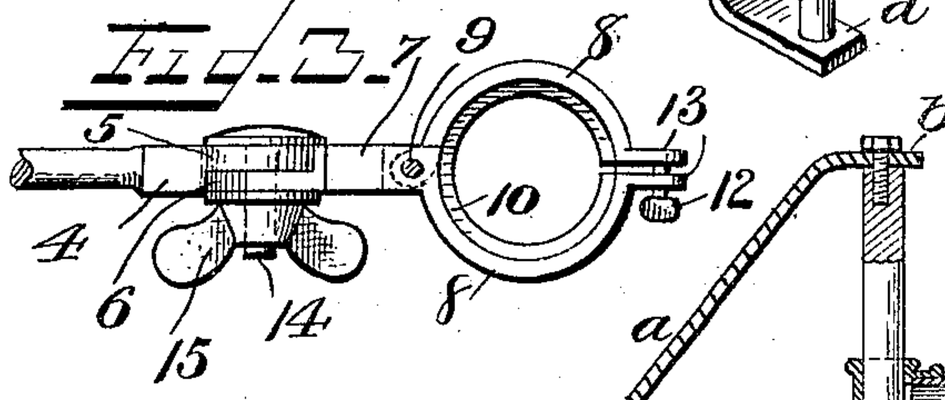

Fig. 2.

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LEONARD HENRY STERNHEIMER, OF JONESBORO, ARKANSAS.

MEASURING-FUNNEL.

No. 798,539. Specification of Letters Patent. Patented Aug. 29, 1905.

Application filed February 19, 1904. Serial No. 194,372.

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, of which the following is a description, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon.

My invention relates to an improvement in measuring-funnels, and particularly to devices for supporting the same and is an improvement upon the patent heretofore granted to me on the 7th day of July 1903, No. 733,294.

The object of the present invention is to provide mechanism for accomplishing certain necessary or desirable adjustments whereby the supporting-bracket shown in said patent may be adjusted to and from the platform, the measuring-funnel may be adjusted to and from the bracket, the angle at which the measuring-funnel is held may be varied, and a new means provided for supporting the measuring-funnel.

The invention therefore consists in the matters hereinafter described, and referred to in the appended claim and while the various features are shown applied to a measuring-funnel such as illustrated in the patent referred to it will be understood that so far as the various features are concerned they may be applicable to other forms of measuring-funnels.

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

Figure 1 is a perspective view of my improved apparatus. Fig. 2 is a side elevation showing the various parts in section, portions of the supporting-platform and funnel being broken away; and Fig. 3 is a top plan view of a portion of Fig. 1, illustrating an adjustment for the measuring-funnel and also illustrating the arrangement of the clamping-ring for the top of the measuring-funnel.

In the drawings, A represents a plate guided in ways on a bracket-plate B, screwed to the platform C. This plate A has secured to it an angle-iron B′, which has the inclined upwardly-extending support *a*, having the horizontally-turned outer 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′.

The plate A is adjustable on the guiding-bracket B and is held in adjusted position by the thumb set-screw 1. Embracing the rod C′ is the horizontal hollow tube D, this tube D being adjustable on the rod C′ and pivoted thereon in the same manner as the arm D in the patent above referred to. Said tube D embraces the tubular shank of the arm 2, which is adjustable in the tube D by the thumb set-screw 3. The arm 2 is enlarged at its outer end, as shown at 4, said enlarged part having a reduced flattened portion 5, which fits against the reduced flattened portion 6 of the head 7, to which head are pivoted the clamping-arms 8 by means of the pivot-screw 9, these clamping-arms 8 being formed with an internal flange 10, forming a shoulder to receive the external flange 11 on the top of the measuring-faucet.

The clamping-arms together form a ring which is secured together by the thumb-screw 12 passing through the lugs 13 in the ends of the clamping-arms. This arrangement provides for the ready insertion and removal of the measuring-funnel. The parts 4 and 5 are pivoted together by the screw 14 and thumb-nut 15, whereby a vertical angular adjustment is given to the head 7, carrying the measuring-funnel.

E represents the cap for closing the funnel. The other parts are in construction like those referred to in the aforesaid patent.

Various minor modifications and changes may be made without departing from the spirit of my invention.

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

In a device of the character described, the combination with a bracket, a horizontal pivotal support, adjustable thereon and comprising a tubular rod, and a funnel-supporting head, and having clamping segmental rings with internal flange to support the funnel, and adjustably secured to said tubular rod, substantially as described.

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

LEONARD HENRY STERNHEIMER.

Witnesses:

L. S. JOHNSTON,

J. R. CONAWAY.