

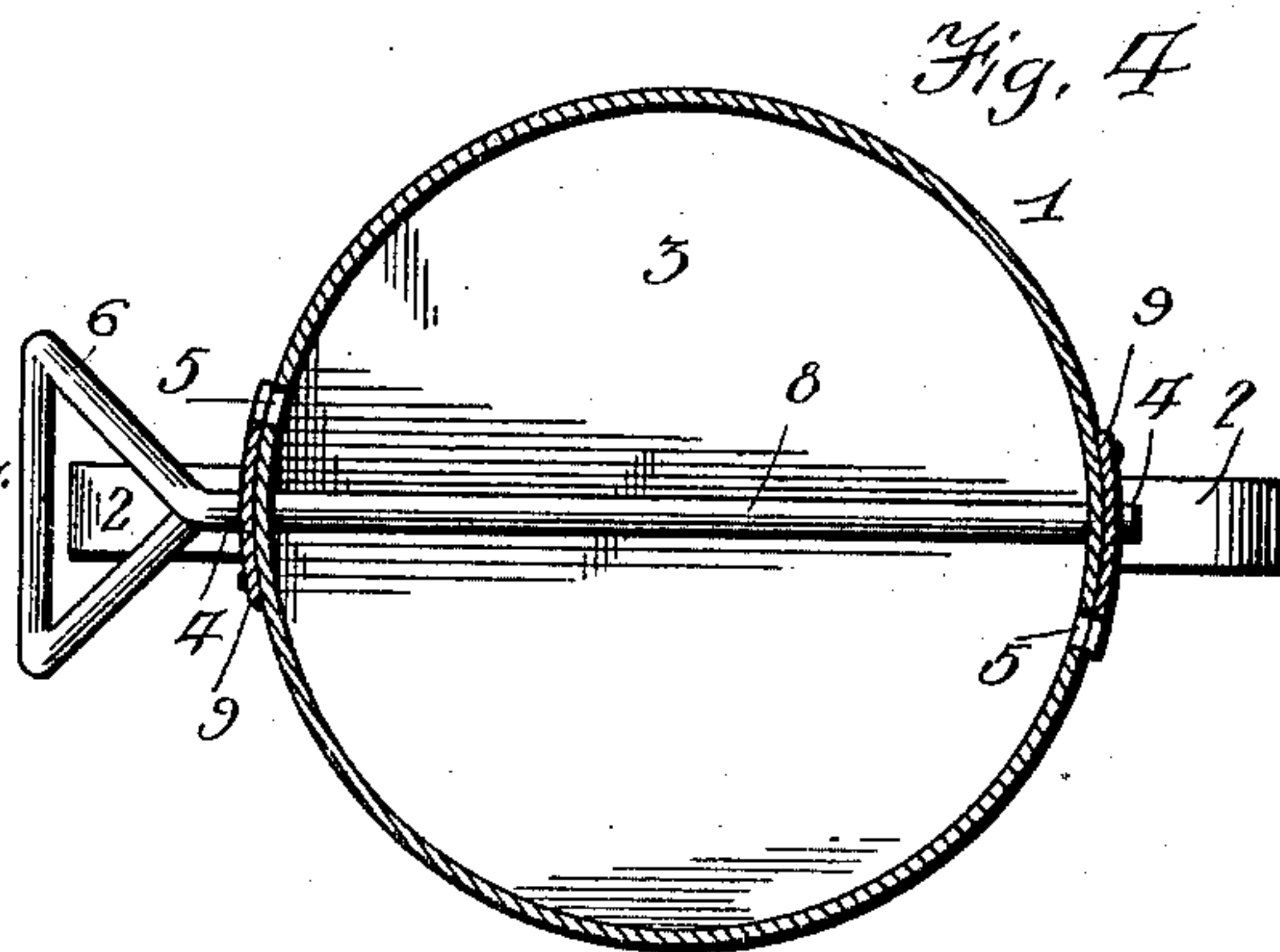
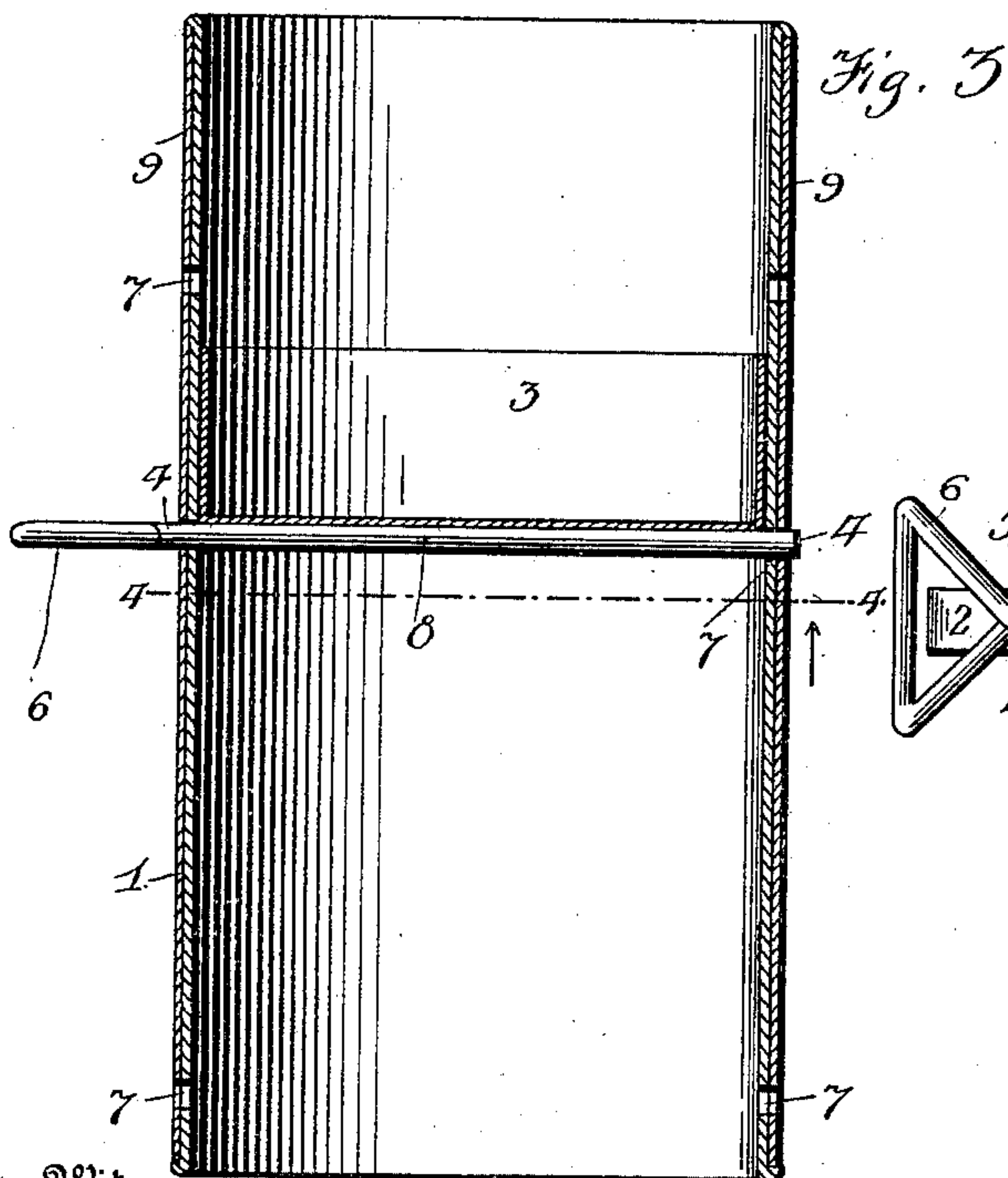
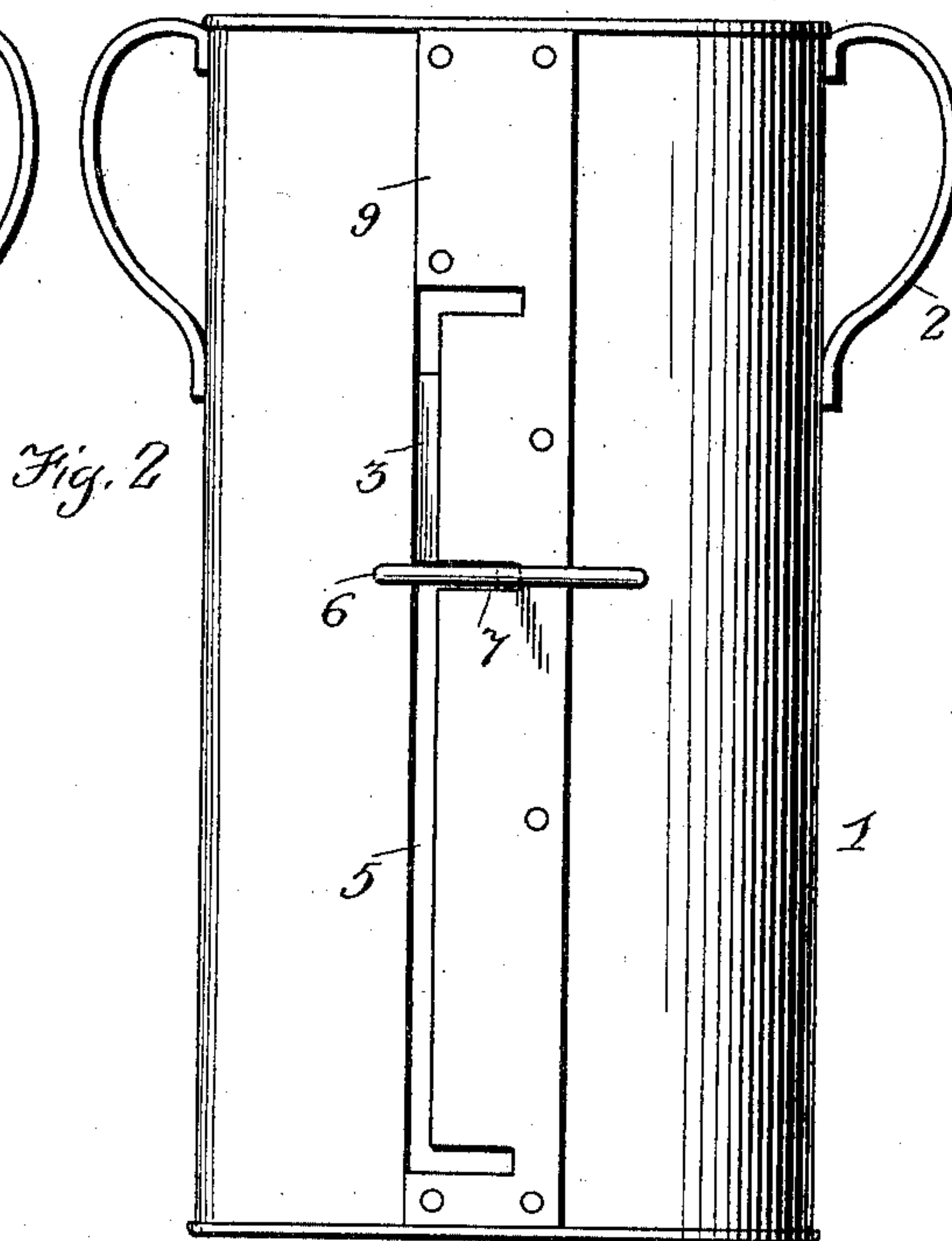
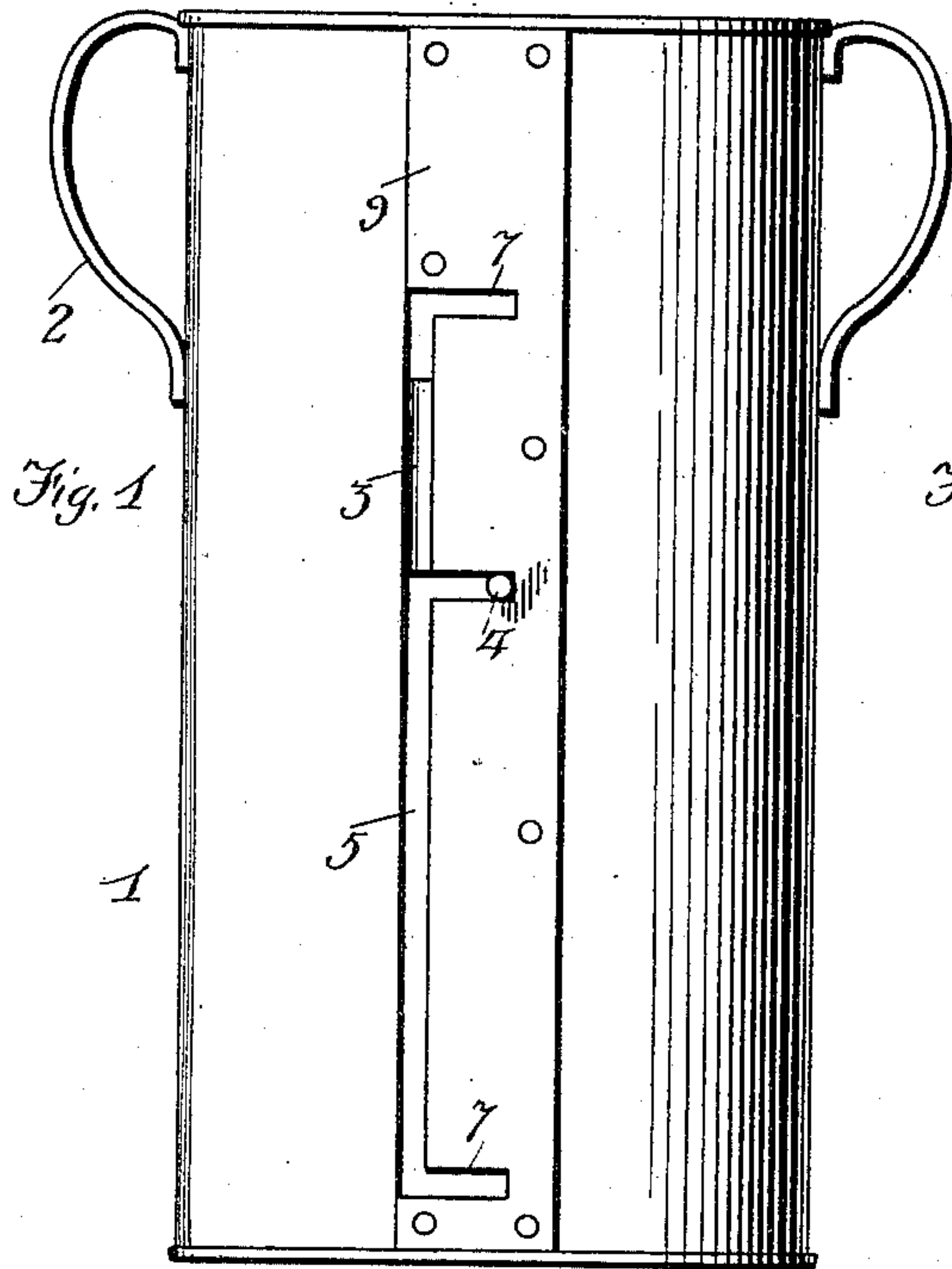
No. 713,688.

Patented Nov. 18, 1902.

A., J., C. & F. SANSONE.
ADJUSTABLE MEASURE.

(Application filed Feb. 21, 1902.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

ANTONIO SANSONE, JOHN SANSONE, CHARLES SANSONE, AND FRANK
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ADJUSTABLE MEASURE.

SPECIFICATION forming part of Letters Patent No. 713,688, dated November 18, 1902.

Application filed February 21, 1902. Serial No. 95,135. (No model.)

To all whom it may concern:

Be it known that we, ANTONIO SANSONE, JOHN SANSONE, CHARLES SANSONE, and FRANK SANSONE, citizens of the United States, residing at Keokuk, in the county of Lee and State of Iowa, have invented certain new and useful Improvements in Adjustable Measures; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to measures; and its object is to provide a measure in which the bottom is adjustable to regulate the depth of the measure or size of the receiving portion thereof to adapt the measure for measuring out different quantities of materials.

A further object of the invention is to provide simple and effective means for locking the adjustable bottom in adjusted position.

The invention consists of certain novel features and parts and combinations of the same, as will be fully described hereinafter and then pointed out in the claim.

A practical embodiment of the invention is represented in the accompanying drawings, in which similar characters of reference indicate corresponding parts in all the views.

Figures 1 and 2 are opposite side elevations of the measure. Fig. 3 is a central vertical section of the same. Fig. 4 is a horizontal section on the line 4 4 of Fig. 3 looking in the direction of the arrow upward toward the adjustable bottom.

Referring now more particularly to the drawings, the numeral 1 represents the body of the measuring vessel, which may be of any approved form and construction to suit the purpose and made of any suitable material. Sheet metal, however, is preferably employed. As shown in the present instance, the vessel is in the form of a cylinder open at top and bottom and provided with handles 2 for convenience in lifting and transporting it.

Arranged within the vessel is an adjustable cup-shaped bottom or follower 3, which is provided at opposite sides with lugs 4, which are adapted to fit and slide in vertical slots 5, formed in opposite sides of the vessel. One of these lugs terminates in a handle 6, which

projects exteriorly of the vessel 1 and by means of which the bottom may be adjusted. The two slots 5 are provided with reversely-extending horizontal recesses or offsets 7, the lower edges or walls of which extend coincident with lines of graduations on the vessel 1, such lines indicating the depth to which the vessel should be filled below the top to measure out determined quantities. The vessel may be of any desired capacity and graduated to measure from a quart to a bushel of any dry material.

The cup-shaped bottom may be adjusted up or down in the vertical slots 5 by means of the handle 6, and in this operation it will of course be understood that the lugs 4 slide in said slots. When the bottom has been adjusted to the proper position, it is given a partial rotation, so as to bring said lugs into the proper offsets 7, on the base-walls of which the lugs rest and support the bottom in position, thus making the device ready for use in measuring. A reverse partial rotation of the bottom will unseat the lugs and again bring them into the slots 5 for further adjustment of the bottom either up or down, as desired.

The lugs are shown in the present instance as being formed by the end extensions of a rod or wire 8, secured to the under side of the bottom 3; but they may be formed in any other preferred manner.

The sides of the vessel 1 are reinforced by riveted strips 9, forming a double thickness of metal to reduce wear on the walls of the offsets.

From the foregoing description, taken in connection with the accompanying drawings, it is thought that the construction, operation, and advantages of the improved measure will be readily apparent without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

A measuring vessel comprising a body provided in its opposite sides with vertical slots having lateral offsets, a cup-shaped follower-bottom adjustable in the body, a rod secured
5 to the under side of the follower and having extended ends forming lugs to slide in said slots and fit in said offsets, and a handle extended from one of said lugs, substantially as described.

10 In testimony whereof we have hereunto set

our hands in presence of two subscribing witnesses.

ANTONIO SANSONE.
JOHN SANSONE.
CHAS. SANSONE.
FRANK SANSONE.

Witnesses:

GEO. W. TUCKER,
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