

E. C. Carleton.

Shot Measure.

N^o 105,641.

Patented Jul. 26, 1870.

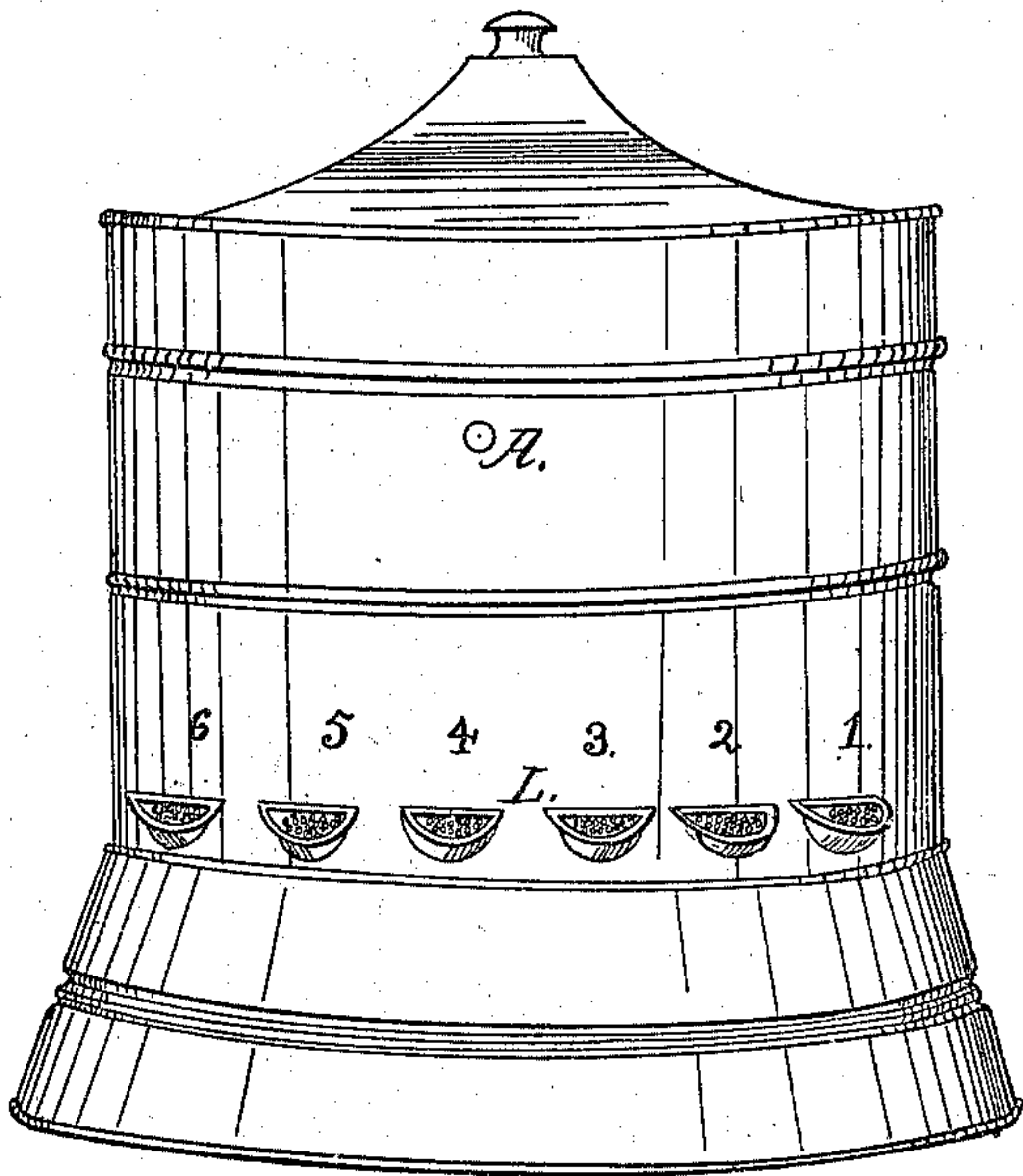


Fig. 1.

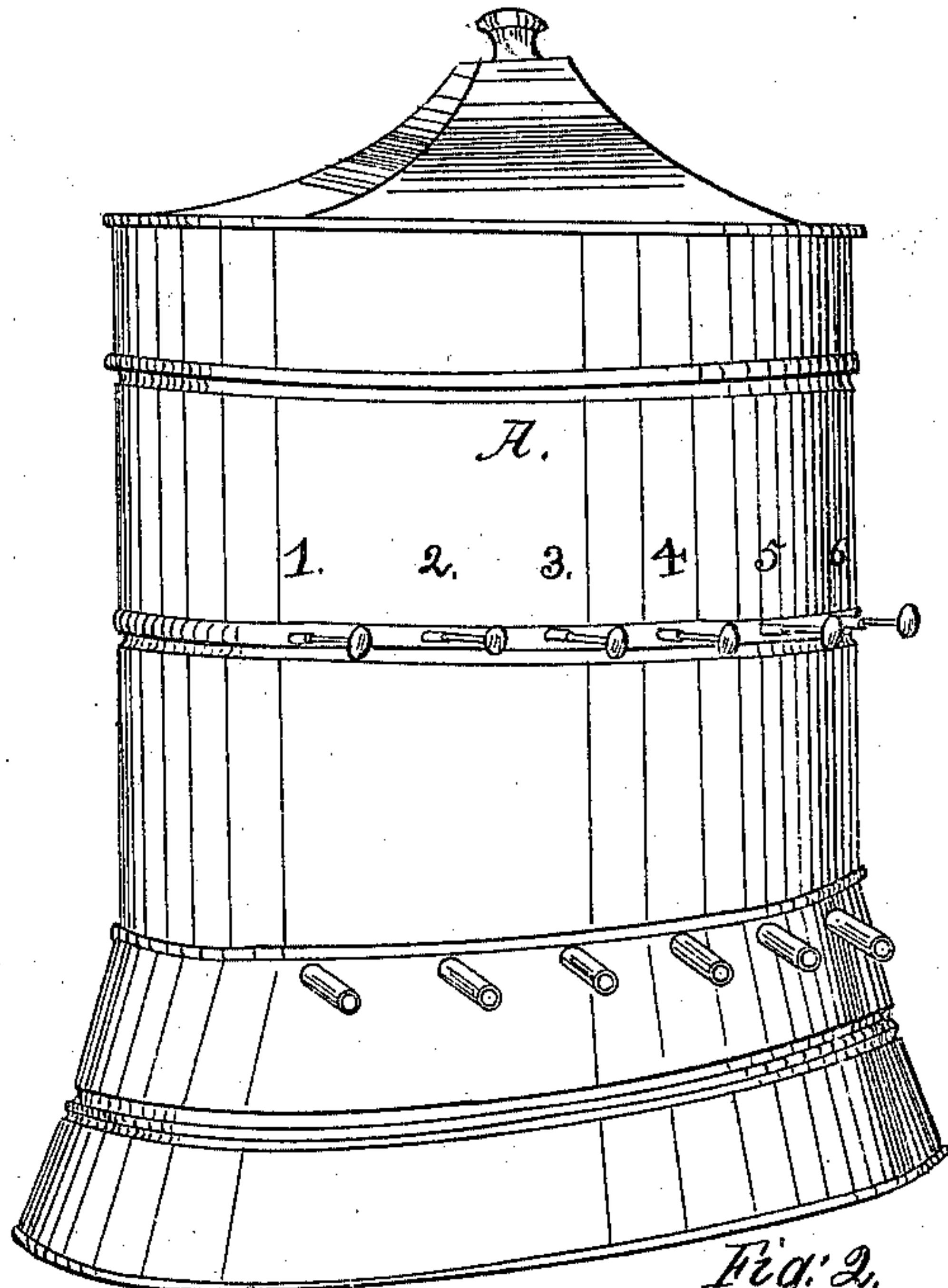


Fig. 2.

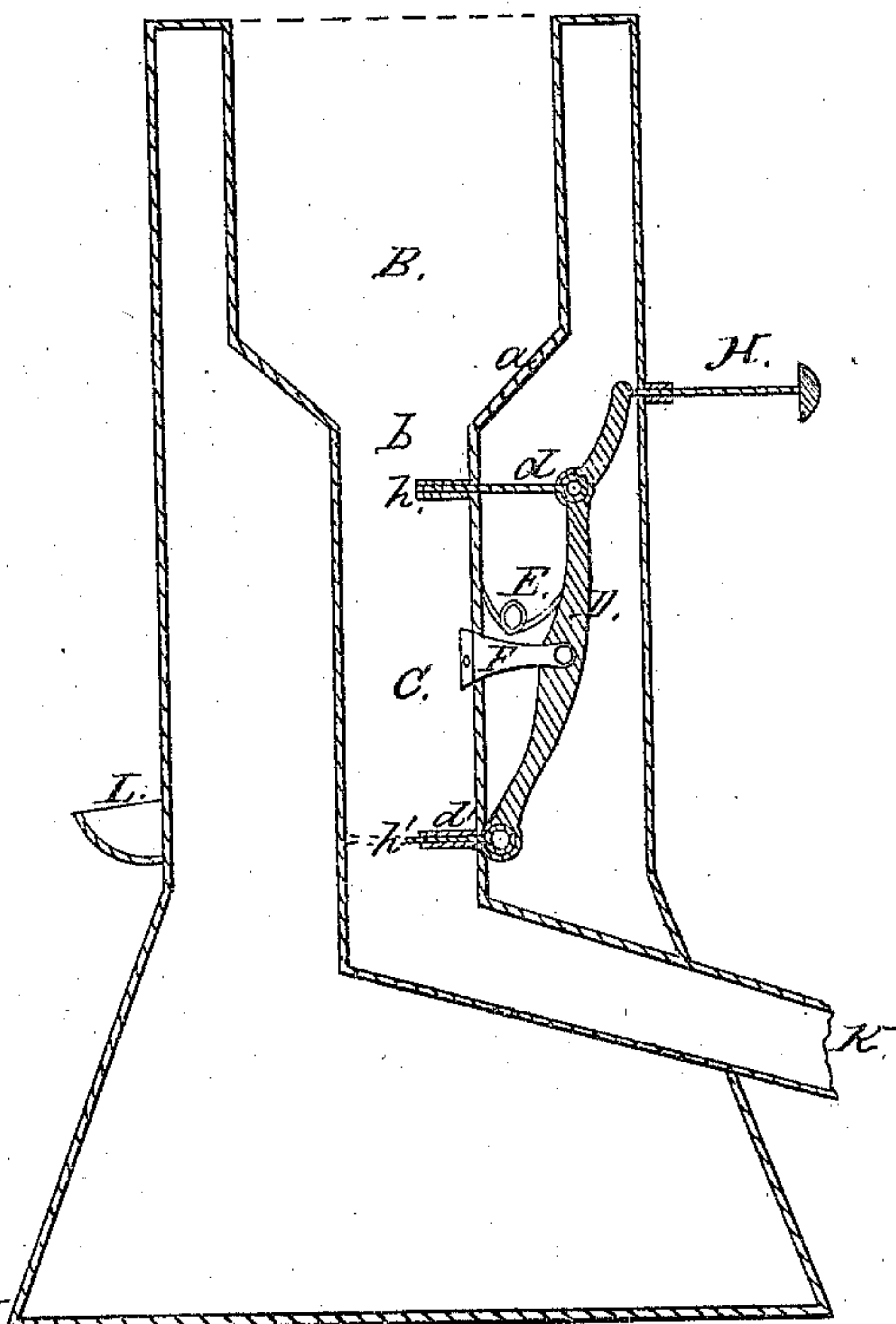


Fig. 3.

Witnesses.
Friedrich Ebert.
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EZRA C. CARLETON, OF PORT HURON, MICHIGAN, ASSIGNOR TO WILLIAM STEWART & CO., OF SAME PLACE.

Letters Patent No. 105,641, dated July 26, 1870.

IMPROVEMENT IN RECEPTACLE FOR MEASURING OUT SHOT.

The Schedule referred to in these Letters Patent and making part of the same

To whom it may concern:

Be it known that I, EZRA C. CARLETON, of Port Huron, in the county of St. Clair and State of Michigan, have invented a new and useful Improvement in Cases for Holding and Measuring Shot for Retailers; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 is a perspective of the front of my device;

Figure 2 is a similar view of the opposite side; and

Figure 3, a transverse vertical section of the device, on the line *x x* in figs. 1 and 2.

Like letters refer to like parts in each figure.

The nature of this invention relates to the construction of a case for holding and measuring shot, and is more especially designed for the use of retailers of that article.

The invention consists in a new and ingenious arrangement of the various parts for accomplishing the desired object, as more fully hereinafter explained.

In the accompanying drawing—

A represents a case, preferably of sheet metal, which may be made as ornamental or plain as desired.

Within this case are arranged, side by side, a series of compartments, B, more or less, as occasion may require, the lower portions of which are funnel-shaped, as shown at *a*, and terminate with an orifice, *b*, somewhat smaller than the tube C, into which said orifice opens.

The lower ends of the tubes C project through the sides of the case A, as shown in fig. 2.

A lever, D, is pivoted in any suitable manner to the side of the tube C, and is connected with the valve-slides *d d'*, which have a horizontal movement through the slots *h h'* in the side of the tube, and which, when closed, fill the cross-section of the tube, and prevent the shot from running out.

E is a spring, secured to the side of the tube above

the fulcrum-standard F, to which the lever is pivoted, and in its operation compels the valve-slide *d'* to close the tube, while it withdraws the valve-slide *d* from the tube, until the stem H, (one end of which rests against the upper end of the lever D while the other end projects through the side of the case A, and is provided with a suitable head or button for the purpose,) is pressed inward by the operator, when the position of the valve-slide is reversed, thereby cutting off the flow of shot from the compartment B into the tube C, and allowing the shot in the tube to run out into a suitable bag at the mouth K of the tube.

The slide-valves *d d'* should be placed at such distances, one above the other, that the space in the tube B between said valves should hold a given weight of shot, say, one pound, or more, or less.

The case should be provided with a proper cover, K, which, being removed, will allow the various compartments to be filled with the shot to be sold, while a small quantity of the same size should be placed in the corresponding sample-cases L, which should be covered with a glass, to prevent the shot contained therein from being mixed by careless handling.

These sample-cases or boxes are rigidly secured to the front of the case, and should be numbered or lettered, to correspond with the interior compartments B and the stems H, which project through the opposite side of the case.

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

The arrangement, within the case A, of the compartments B, terminating in tubes C, provided with mouths K projecting through said case, in combination with the stem H, the lever D, the spring E, and the valve-slides *d d'*, when constructed as described and shown, and as and for the purposes set forth.

EZRA C. CARLETON.

Witnesses:

SAM. J. SPRAY,

FREDERICK EBERTS.