

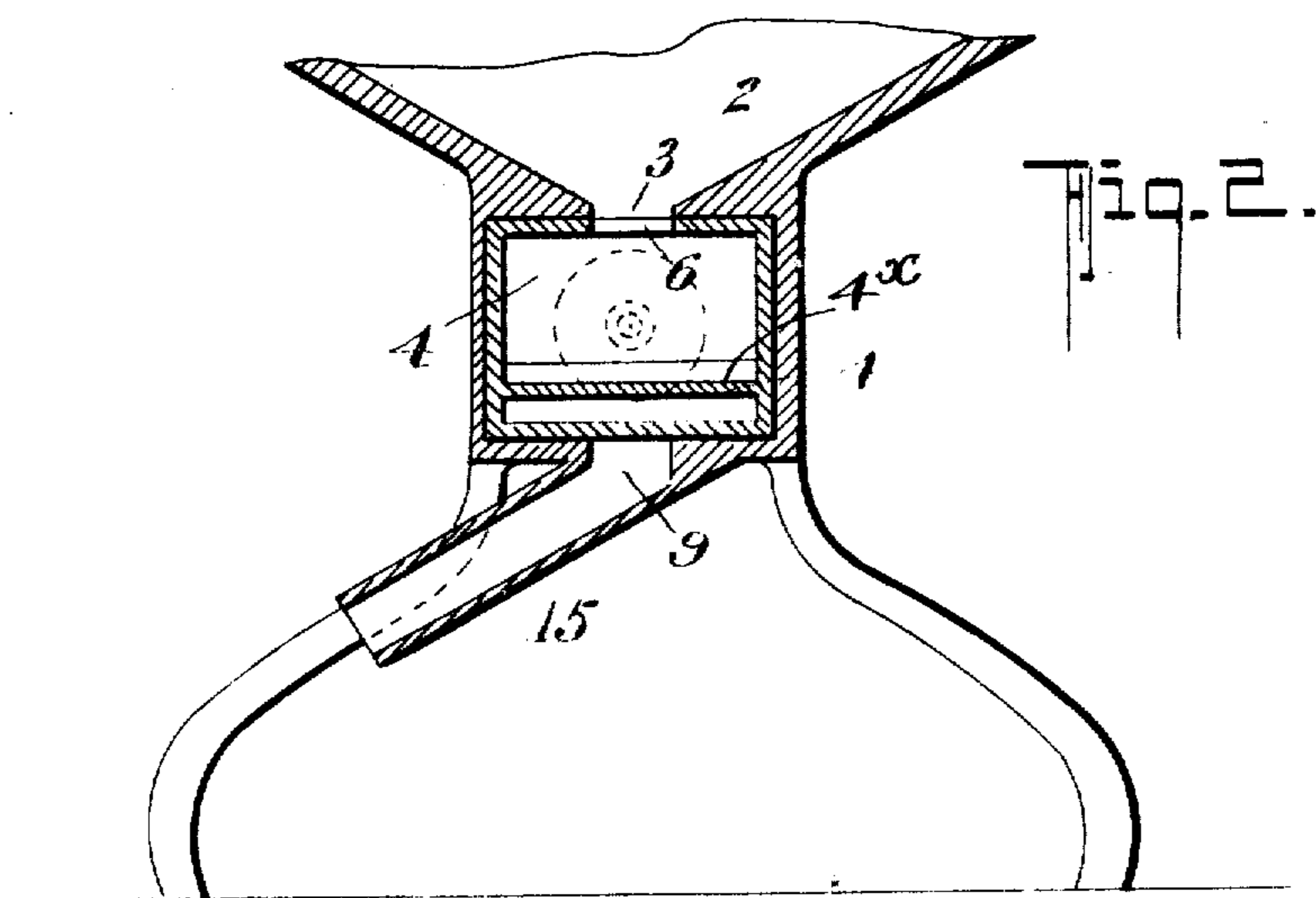
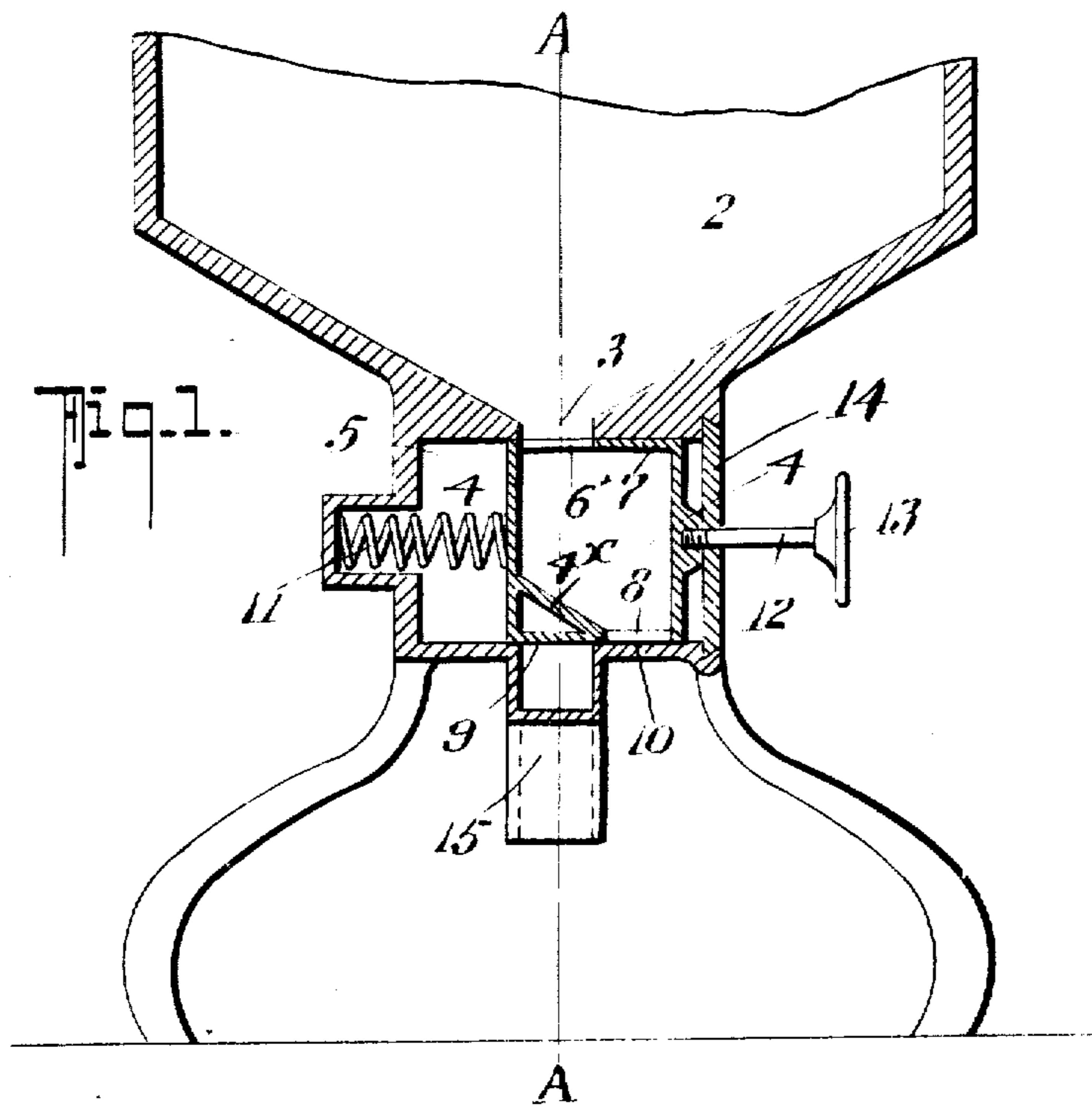
J. T. McLELLAN.

SUGAR BOWL.

APPLICATION FILED JULY 22, 1908.

922,315.

Patented May 18, 1909.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOHN T. McLELLAN, OF VANCOUVER, BRITISH COLUMBIA, CANADA.

## SUGAR-BOWL.

No. 922,315.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed July 22, 1908. Serial No. 444,828.

*To all whom it may concern:*

Be it known that I, JOHN T. McLELLAN, citizen of the Dominion of Canada, residing at Vancouver, in the Province of British Columbia, Canada, have invented a new and useful Improvement in Sugar - Bowls, of which the following is a specification.

This invention relates to a sugar holding receptacle for table use, and is designed to provide a sugar containing receptacle from which dust and flies may be excluded and having provision for the mechanical delivery of a measured quantity of its contents.

The invention is particularly described in the following specification, reference being made to the drawing by which it is accompanied, in which:

Figure 1 is a vertical section through the lower part of the sugar holding receptacle showing my improved delivery means, and Fig. 2, a similar view on the line A A in Fig. 1.

In these drawings 2 represents the lower part of a sugar holding receptacle of convenient size for table use, which receptacle may be provided with a fastened lid or cover. From the bottom of this receptacle a passage 3 delivers into a rectangular valve 4 which is endwise slidable within a correspondingly shaped chamber 5 which may be formed in the stem or support of the sugar vessel. The valve 4 is provided in its upper side with an aperture 6 corresponding to aperture 3 in the sugar receptacle. The aperture 6 is toward one end, and the valve should be of such length that the blank portion 7 will overlap the aperture 3 and effectually close it when the valve is at the other extreme of its endwise movement.

Through the bottom of the valve 4 at the opposite end to 6 is a discharge aperture 8 which, when the valve 4 is in position to close the aperture 3 by the blank 7, uncovers a passage 9 in the bottom of the valve chamber 5 which aperture 9 is vertically under aperture 3 in the top: so that when the valve 4 is at one extreme of its movement its bottom aperture 8 is closed, being opposite to the blank 10 in the bottom of the valve chamber, and the passage 6 registers with the aperture 3 of the sugar receptacle and the sugar is free to flow from the receptacle 2 into the valve 4, but when the valve 4 is at the other extreme of its movement the passage 3 is closed from the receptacle 2 and the passage 8 in the bottom registers with aperture 9 and permits the contents of the valve to fall out

and be delivered through a chute or spout 15 projecting toward one side of the vessel.

The valve 4 is provided with a baffle 4<sup>x</sup> to direct the contents of the valve toward the aperture 8 at all times, see Fig. 1.

The valve 4 may be inserted into the valve chamber 5 through the front and the front end be closable thereafter by a cover 14 having dovetailed edges to engage corresponding grooves in the front opening of the valve chamber, the cover being secured in place by a stem 12 which may be threaded into the end of the valve.

A spring 11 at the back of the valve 4 retains that valve normally in the position in which it will receive a charge of sugar from the receptacle 2 and the stem 12 is provided with a finger engagement 13 by which the valve may be pressed to the forward extreme of its movement and to deliver its charge through the passage 9 and chute 15.

The valve chamber may be integral with the sugar holding receptacle 2 in the stem or support of which it may be formed. The sugar holding receptacle may be of glass or porcelain.

Having now particularly described my invention and the manner of its operation, I hereby declare that what I claim as new and desire to be protected in by Letters Patent, is:

1. In a sugar holding receptacle, the combination with a sugar containing vessel having a dished bottom provided with a central aperture, a neck beneath said bottom having a chamber in communication with such aperture, an off-take chute integrally formed with said neck beneath the same and having an aperture in alinement with the central aperture in the sugar containing vessel and also in communication with the neck chamber, a hollow slide valve within said neck chamber having a pair of apertures one to register with the sugar containing vessel aperture, and the other with the outlet aperture, said valve apertures being out of alinement, a baffle within said hollow valve, a spring within said neck chamber normally tending to move said hollow valve in one direction, said neck chamber opening at one side of the neck and said neck having grooves at said last named opening, a cover for said opening adapted to project in said grooves in the neck and to be inserted from one side of the neck said cover having an aperture, a stem projecting through said

aperture in the cover and engaging said valve to operate the stem, said stem serving to prevent displacement of said cover.

2. In a sugar holding receptacle, a main body portion, a base, and a neck connecting the base and main body portion and integrally formed with said base and main body portion, said neck having a valve chamber provided with an aperture in communication with the main body portion and also provided with an oppositely disposed discharge aperture, a chute integrally formed with said neck and communicating with said discharge aperture, a hollow valve operable within said valve chamber, said hollow valve having an inlet aperture and an outlet aperture, said valve chamber having an opening through the neck, a cover for said opening, a valve stem projecting through said cover and connecting with said valve by means of which the valve may be moved to its different positions, said valve stem serving to retain such cover in position.

3. In a sugar holding receptacle, a main body portion, a base, and a neck connecting the base and main body portion and integrally formed with said base and main body portion, said neck having a valve chamber provided with an aperture in communication with the main body portion and also pro-

vided with an oppositely disposed discharge aperture, a chute integrally formed with said neck and communicating with said discharge aperture, a hollow valve operable within said valve chamber, said hollow valve having an inlet aperture and an outlet aperture, said valve chamber having an opening through the neck, a cover for said opening, a valve stem projecting through said cover and connecting with said valve by means of which the valve may be moved to its different positions, said valve stem serving to retain said cover in position, an integrally formed projection at the neck having an aperture communicating with the valve chamber and a coil spring held in said aperture to abut said valve and force it normally in one direction, and means forming a part of the valve for closing the inlet aperture to the valve chamber when the valve is in one position and for closing the outlet aperture of the valve chamber when the valve is in another position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN T. McLELLAN.

Witnesses:

ROWLAND BRITTAIN,  
CLIVE S. CARMAN.