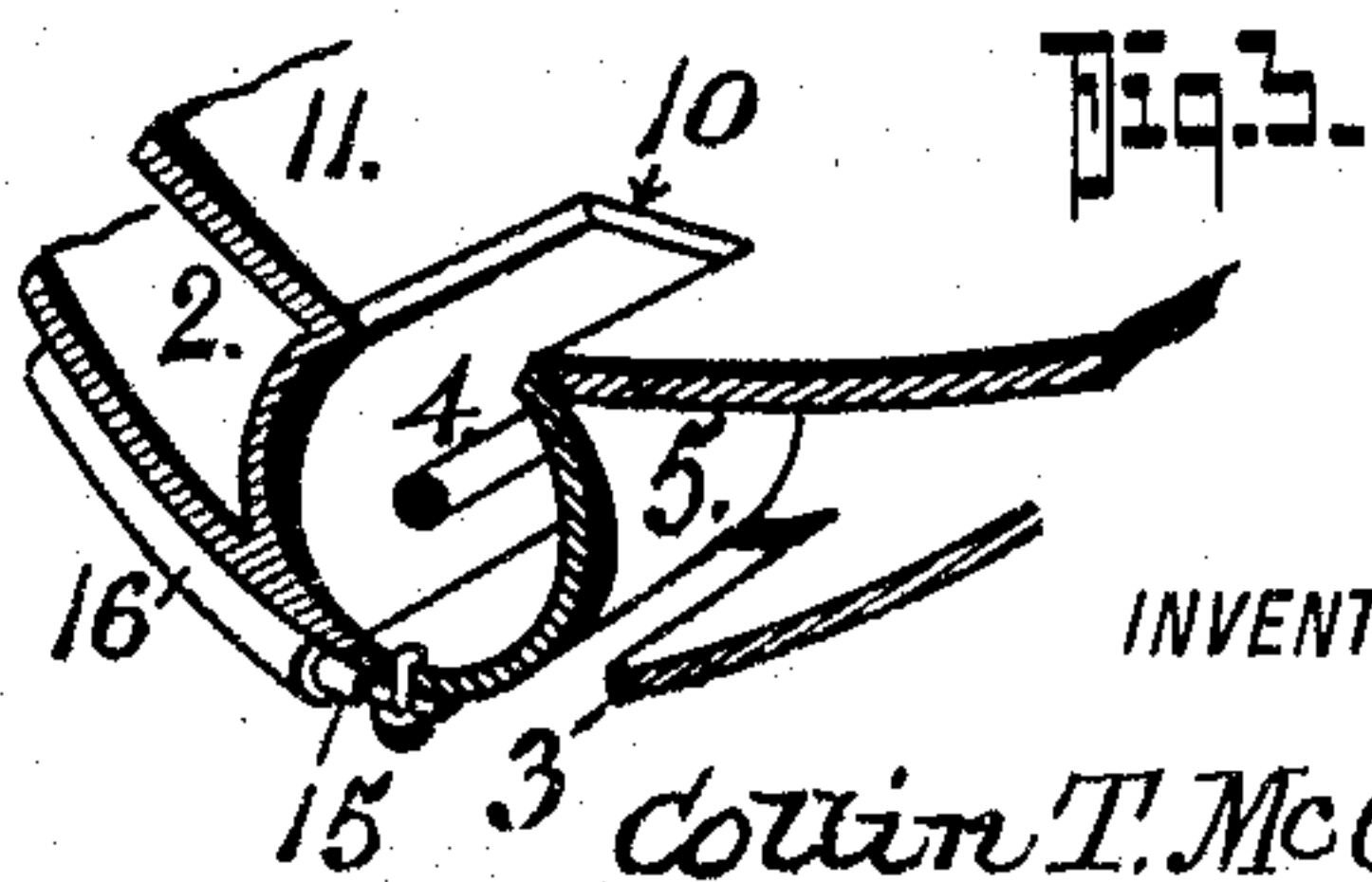
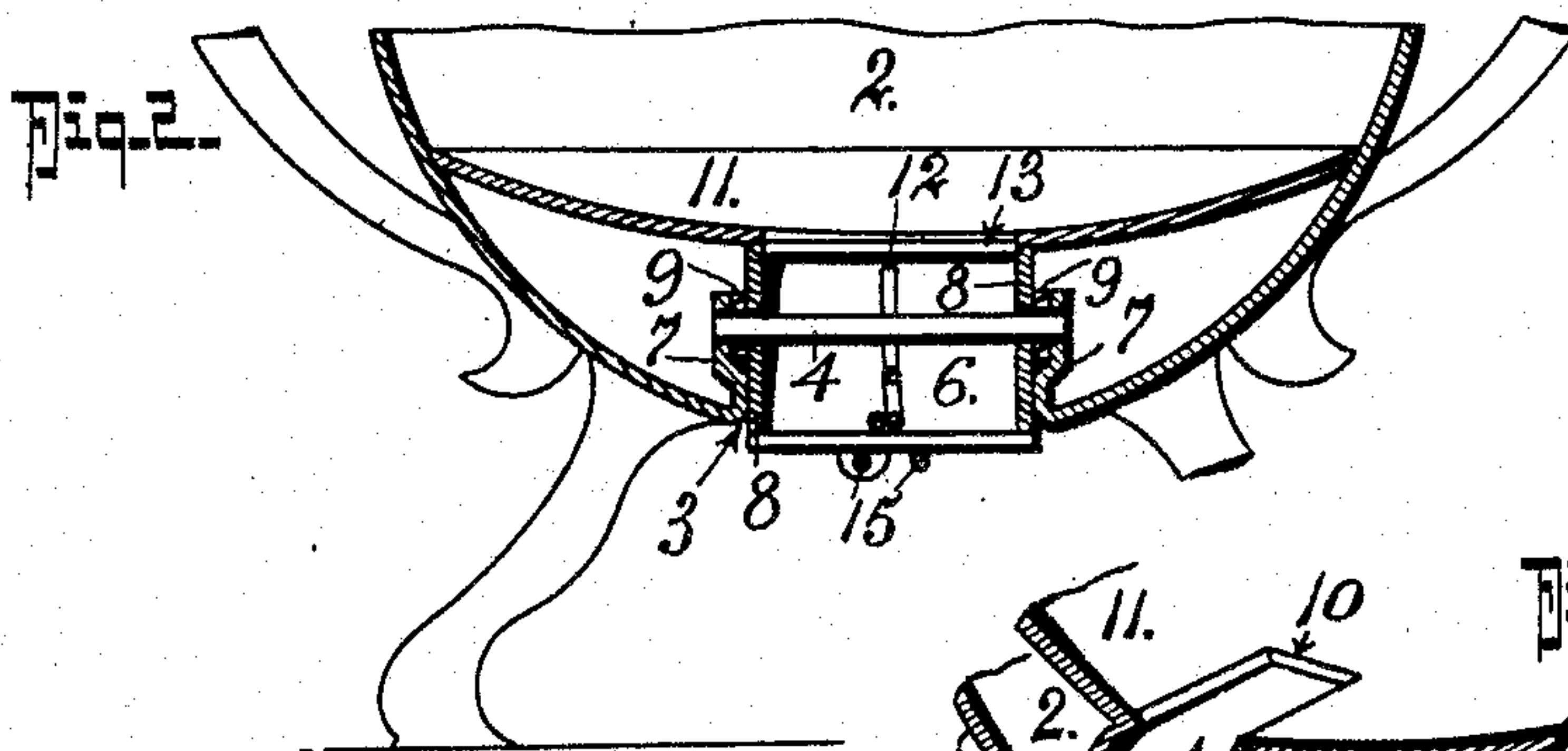
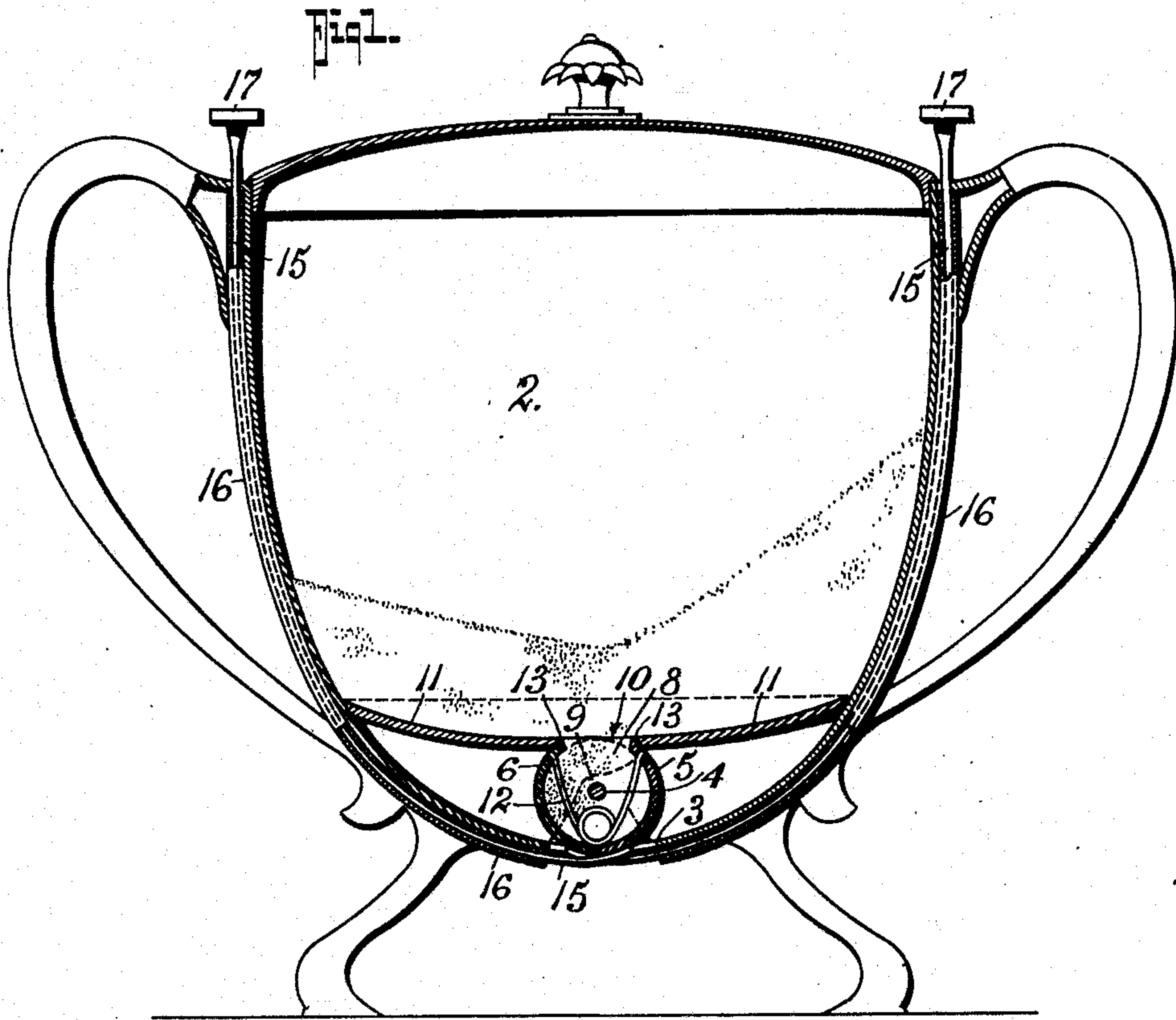


C. T. McCREERY.
SUGAR BOWL.

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939,066.

Patented Nov. 2, 1909.



WITNESSES:

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SUGAR-BOWL.

939,066.

Specification of Letters Patent.

Patented Nov. 2, 1909.

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To all whom it may concern:

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

This invention relates to a sugar bowl having a delivery means in its base from which a measured quantity of sugar can be discharged at will, and my improvement is directed to the provision of a simple and efficient valve for receiving a charge of sugar from the bowl and for delivering the same therebeneath and to the provision of an actuating means for this valve that can be conveniently operated from the handle of the bowl.

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

Figure 1 is a vertical section of a sugar bowl provided with this improved delivery means, Fig. 2 a longitudinal section of the valve, and Fig. 3 a perspective view of a modified form having only one movable delivery valve.

The bottom of the bowl 2 is provided with a rectangular aperture 3 over which is rotatably mounted on a common axis 4, hollow cylindrical segments 5 and 6 the axis of the segments being carried in bearings 7 projecting upward from the bottom of the bowl which upwardly projecting members may be stamped from the aperture. One of these segments 6 is provided with circular ends 8 and the end bearings 9 of the other segment are preferably outside of 8. These segments 5 and 6 are each less than a semicircle and their lower edges normally fit close against one another so that their upper edges are apart a sufficient distance to permit the contents of the bowl to flow freely in through a rectangular aperture 10 in a false bottom 11 fitted in the bottom of the bowl.

The upper edges of the segments 5 and 6 are held apart by a spring 12 applied in any convenient manner and the opening is centered with the aperture 10 in the false bottom by projections 13 on the edges of the valve segments which engage the edges of the aperture. Each of these segments 5 and 6 may be opened against the resistance of the spring 12 by flexible wires 15 endwise movable in small tubes 16 which extend up

the sides of the bowl to a position adjacent to the upper part of the handle where the stem is increased slightly in diameter and furnished with a finger engaging button 17. The wire from the right side is connected by a screw or other suitable fastening to the lower edge of the left hand valve segment and the left hand wire is similarly connected to the right hand segment, so that on pressure of the button 17 one of the segments will be rotated to close the top aperture 10 and cut off communication with the bowl, and to open at the bottom and deliver the contents of the valve through the aperture 3 in the base.

In Fig. 3 is shown a modification wherein one of the segments is secured to the bottom of the bowl adjacent to the edge of its aperture 3 and to the corresponding edge of the aperture 10 of the false bottom 11. In this case the closed ends 8 will form a part of the fixed segment and will support the movable segment and thus dispense with the necessity for the upward projections 7. There will obviously be only occasion for one operating means.

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

1. As a means for delivering sugar and the like, a sugar bowl having a handle, a rotatable valve situated in the lower part of the bowl, means for operating said valve from a position adjacent to the handle, said means comprising a flexible wire, and a guide for constraining the wire to follow the bend of the bowl, said wire being connected to the valve at the lower end, and a finger engaging button secured to the wire at the upper end.

2. In a device of the class described, the combination with a bowl having an aperture in its base and having a handle, a rotatable valve controlling said aperture, and means for operating said valve from a position adjacent to the handle of the bowl, said means comprising a flexible wire connected to the valve and carried up the side of the bowl and a guide for said wire.

3. In a device of the class described, the combination with a bowl having a handle and having an aperture in its base and a false bottom having a corresponding aperture, a rotatable segment of a hollow cylinder between the base and the false bottom,

means for holding the upper end of said
segment normally in a position to leave open
the aperture in the false bottom and for
closing the aperture in the base, and means
5 for operating the segment to close the aper-
ture in the false bottom and open that in
the base, said means comprising a flexible
wire, an inclosing tube therefor following
the contour of the bowl from a position at
10 the upper edge adjacent to the handle of
the bowl to a position proximate to the seg-

ment, said wire being connected to the seg-
ment at the lower end, and a finger engag-
ing button carried by the upper end of said
wire. 15

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

COLIN T. McCREERY.

Witnesses:

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