

W. S. CALLERY.
GLASS AND DISH CLEANER.
APPLICATION FILED OCT. 4, 1907.

910,641.

Patented Jan. 26, 1909.

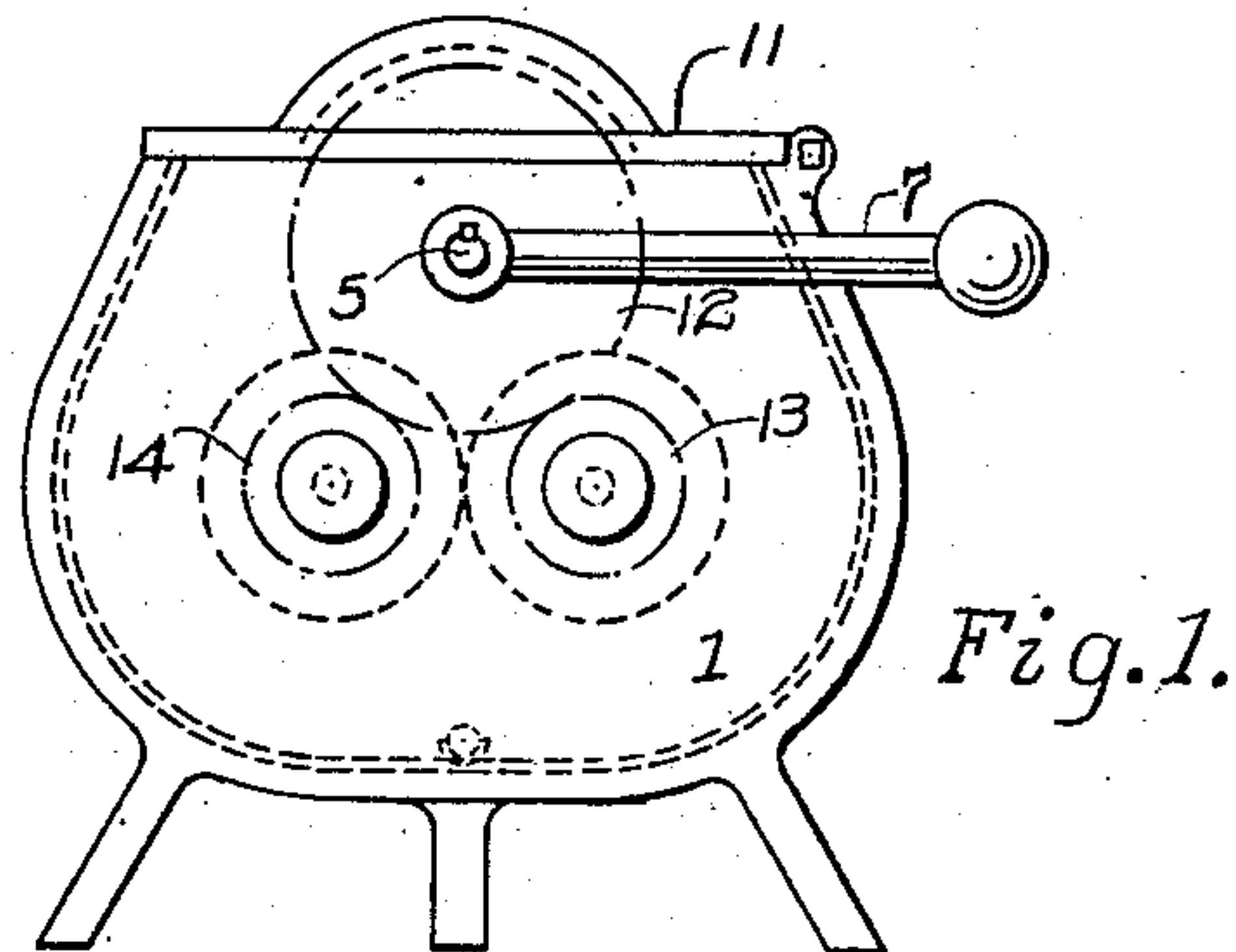


Fig. 1.

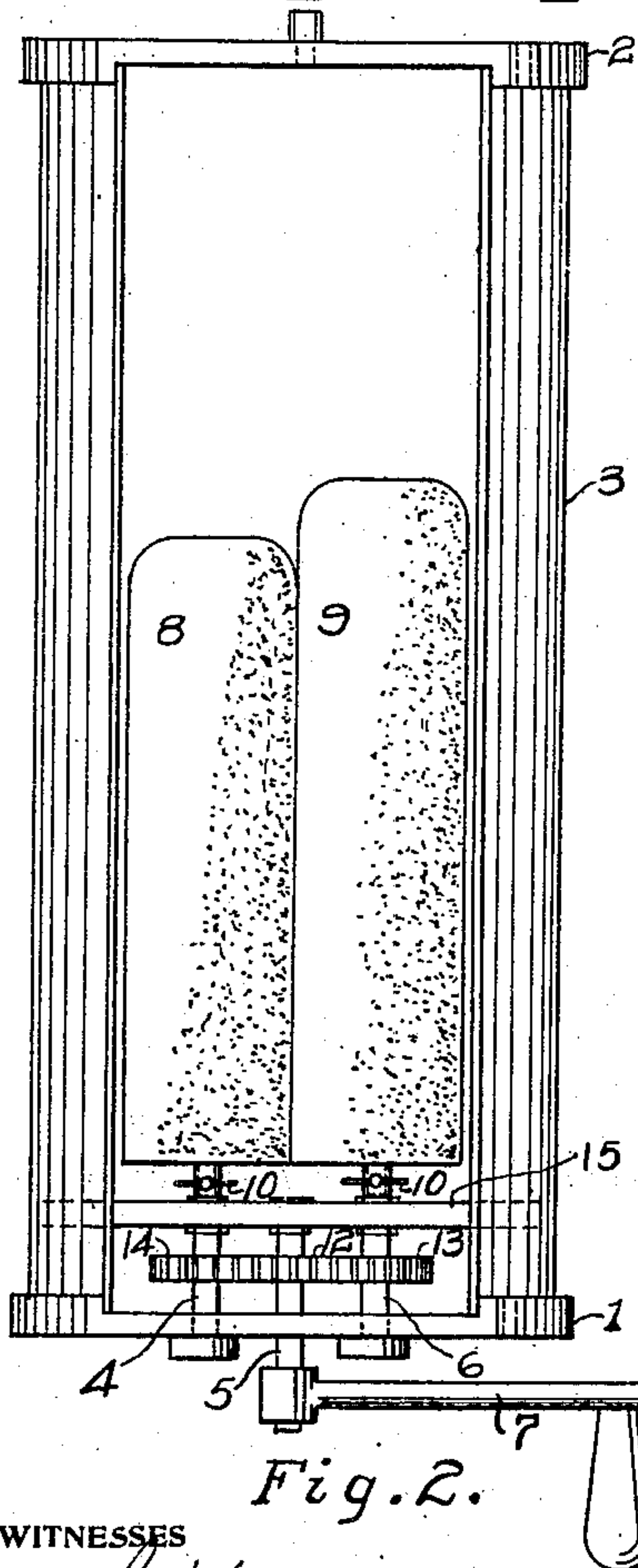


Fig. 2.

WITNESSES

Frank Hodge
Delmer L. Bowman.

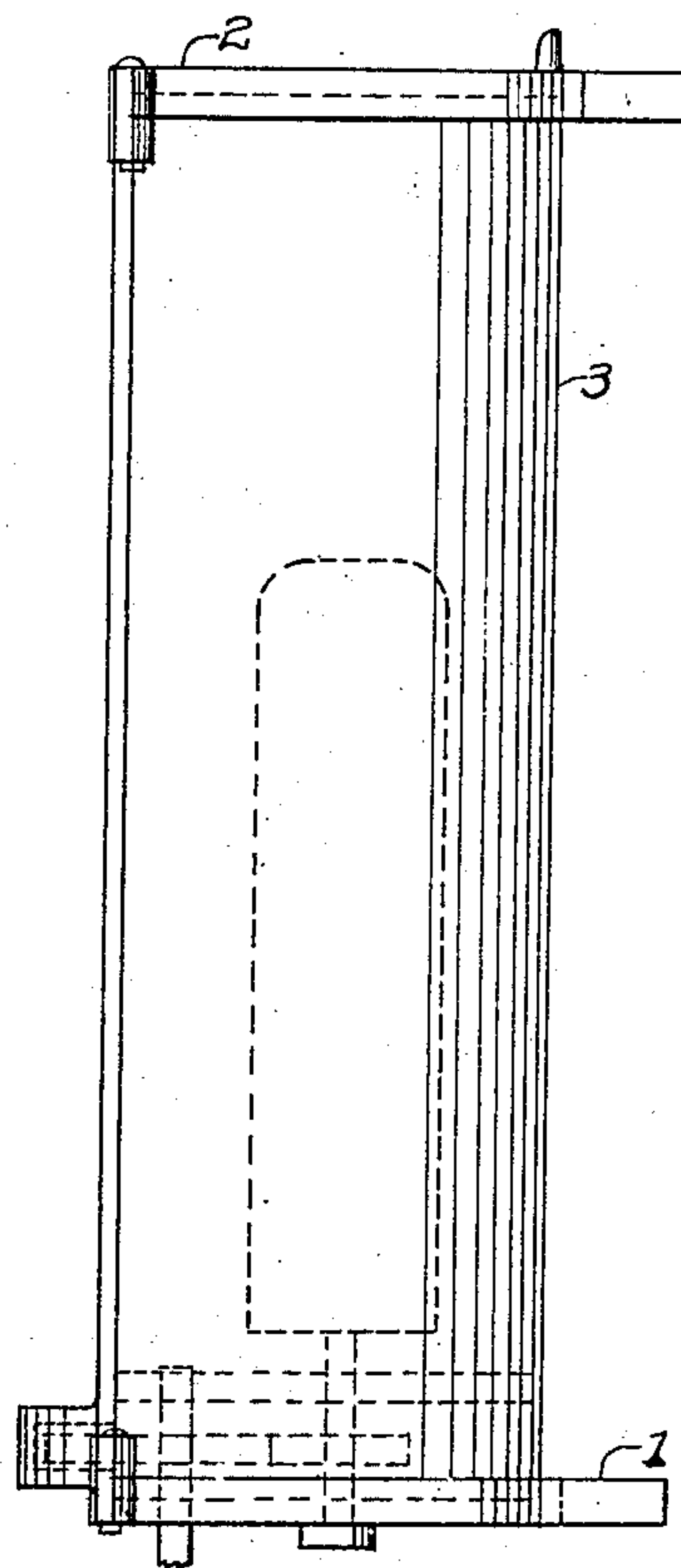


Fig. 3.

INVENTOR

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BY

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WILLIAM S. CALLERY, OF SAN DIEGO, CALIFORNIA.

GLASS AND DISH CLEANER.

No. 910,841.

Specification of Letters Patent.

Patented Jan. 26, 1909.

Application filed October 4, 1907. Serial No. 395,920.

To all whom it may concern:

Be it known that I, WILLIAM S. CALLERY, a citizen of the United States, and a resident of San Diego, in the county of San Diego and State of California, have invented a new and useful Improved Glass and Dish Cleaner, of which the following is a specification.

This invention relates to glass and dish cleaners to be used for washing glasses and dishes and polishing the same by means of brushes revolving in water to wash the same and a polishing or buffing wheel for polishing to be applied in place of the brush after removing the water from the machine, the objects being to provide, first a good and sure cleanser for glasses and dishes, second an easy method of operation, third an inexpensive mechanism. I attain these objects by the mechanism illustrated in the accompanying drawing, in which—

Figure 1 is an end view of the machine, Fig. 2 is a top view with the cover removed, Fig. 3 is a side view including cover.

Similar numbers refer to similar parts throughout the several views.

The plates 1 and 2 with extending legs constitute the two ends of the machine, plate 1 having two legs while plate 2 has only one. These plates 1 and 2 have an inward projection around the outside edge of the plate and terminates at the top. On the inside of these projections and extending around therewith is a metallic sheet 3, which is soldered and riveted to said projection, making it water tight. In plate 2 at the lower side is a hole which is to be corked and is for the exit of the water in emptying the machine. In plate 1 are three holes the upper one of which extends through and acts as a bearing for axle 5. Parallel to plate 1 and adapted to be fitted inside of said metallic sheet is another bearing plate 15, plates 1 and 15 acting as bearing plates for the three axles 4, 5 and 6 and between which gears 12, 13 and 14 are placed, one on each axle; gear 12 being adapted and set to mesh with gears 13 and 14, said gears of such size as to get the required speed. At the end of axles 4 and 6 and on plate 1 bosses are placed so that axles have sufficient bearing without extending through the plate 1.

To the inner ends of axles 4 and 6 are attached cylinder shaped brushes 8 and 9, by

means of thumb screws 10 and adapted to be removed by releasing said thumb screws 10. In the place of either brush, a polishing or buffing wheel may be inserted for cleaning the ware. 11 is a cover which is adapted to be fitted to the top of the machine and hinged on one side.

By the turning of crank 7 or by any other means applicable axle 5 is revolved which in turn revolves axles 4 and 6 by means of the gearing 12, 13 and 14. The brushes 8 and 9 being secured to the axles 4 and 6 revolve therewith, the innerside of said brushes going in opposite directions. By placing a glass or can on brush 8 and turning the crank 7 the brush 8 cleans the inside of said glass or can while the brush 9 cleans the outside, or by holding other shaped dishes between the two brushes 8 and 9, both sides of said dish are cleaned by said brushes.

It is to be noted that the brush 9 is somewhat longer than the brush 8 whereby said brush 9 will extend entirely beyond the bottom of the can or glass when the end of brush 8 is in contact with the bottom of said can or glass, thereby effectually cleaning all portions thereof.

Having thus described my invention, I claim as new and desire to secure by Letters Patent;

In a device of the character described, the combination with a casing adapted to retain a fluid, of a cover hinged thereto, a partition located near one end of said casing, a pair of shafts journaled in the end wall of the casing and in said partition, pinions carried by said shafts, a pair of elongated, cylindrical brushes, means for detachably mounting said brushes upon said shafts inside of the top portion of said casing, the surfaces of said brushes lying in contact with each other and one of said brushes being longer than the other of said brushes, a manually operable shaft, a gear wheel carried by said shaft and meshing with said pinions, the contacting faces of said brushes moving in opposite directions, said gear wheel, and pinions being located between the partition and the end of the casing.

WILLIAM S. CALLERY.

Witnesses:

FRANK HODGE,
D. Q. BOWMAN.