

(No Model.)

J. H. PLATT.
GRADUATE OR MEASURE.

No. 547,862.

Patented Oct. 15, 1895.

Fig. 1.

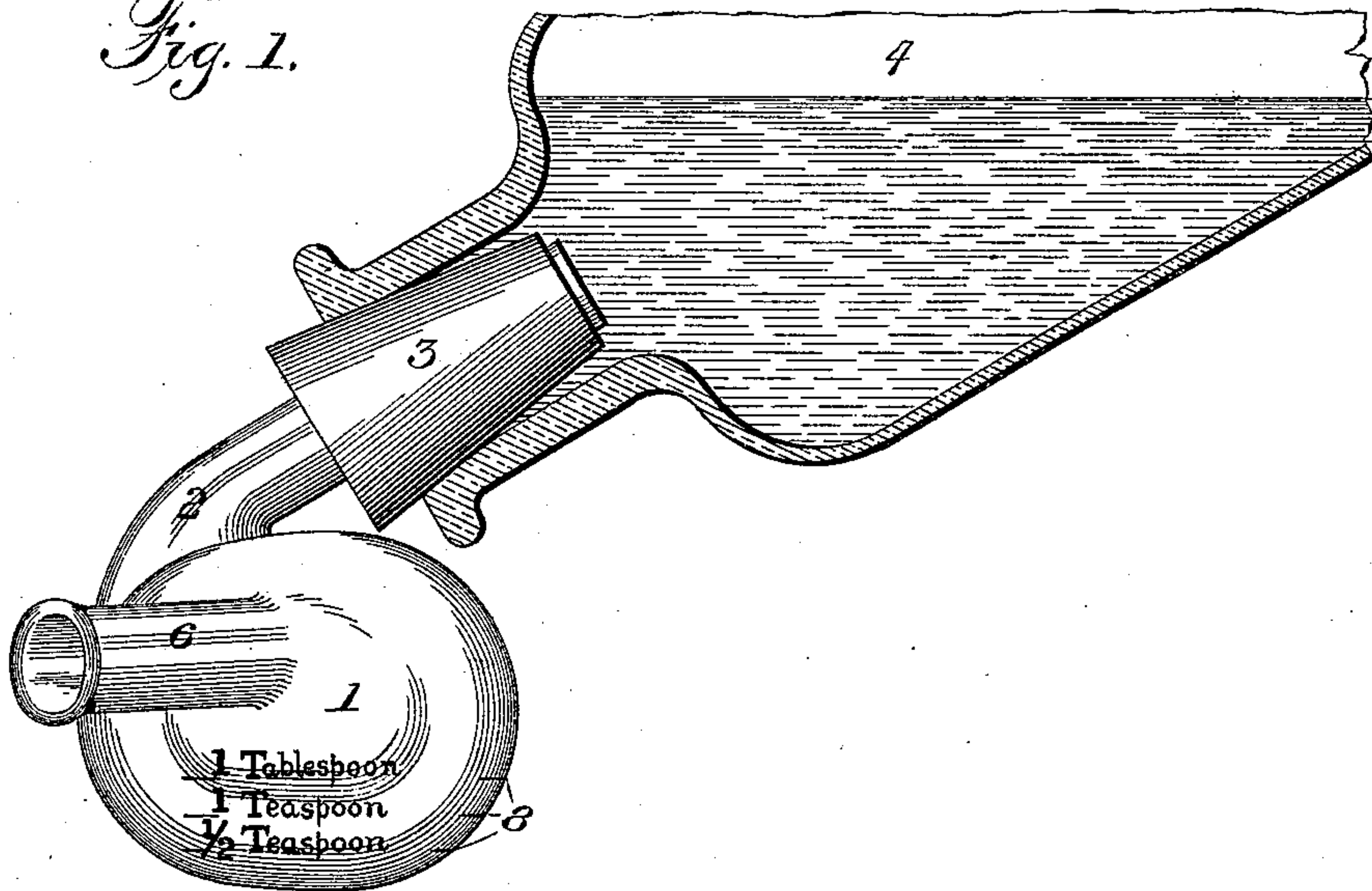


Fig. 2.

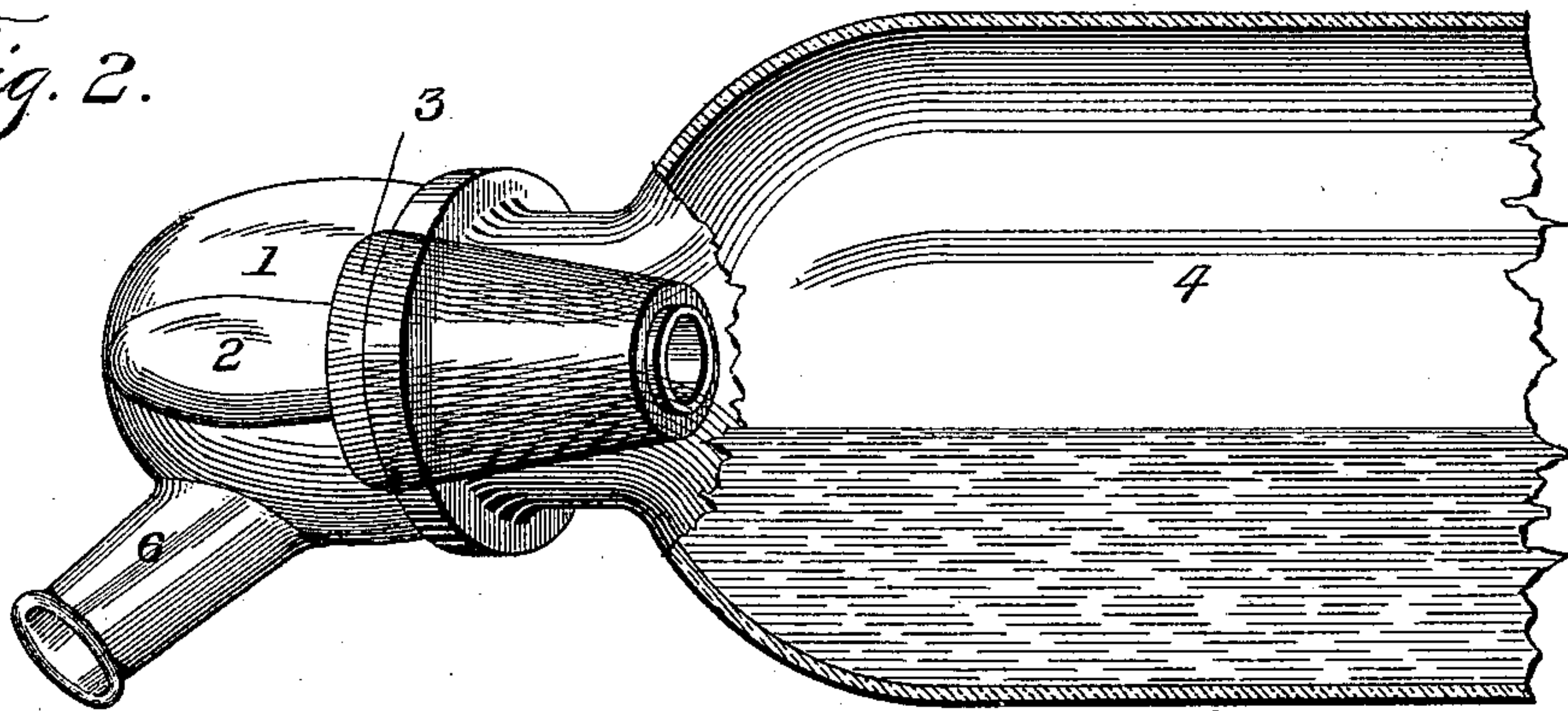
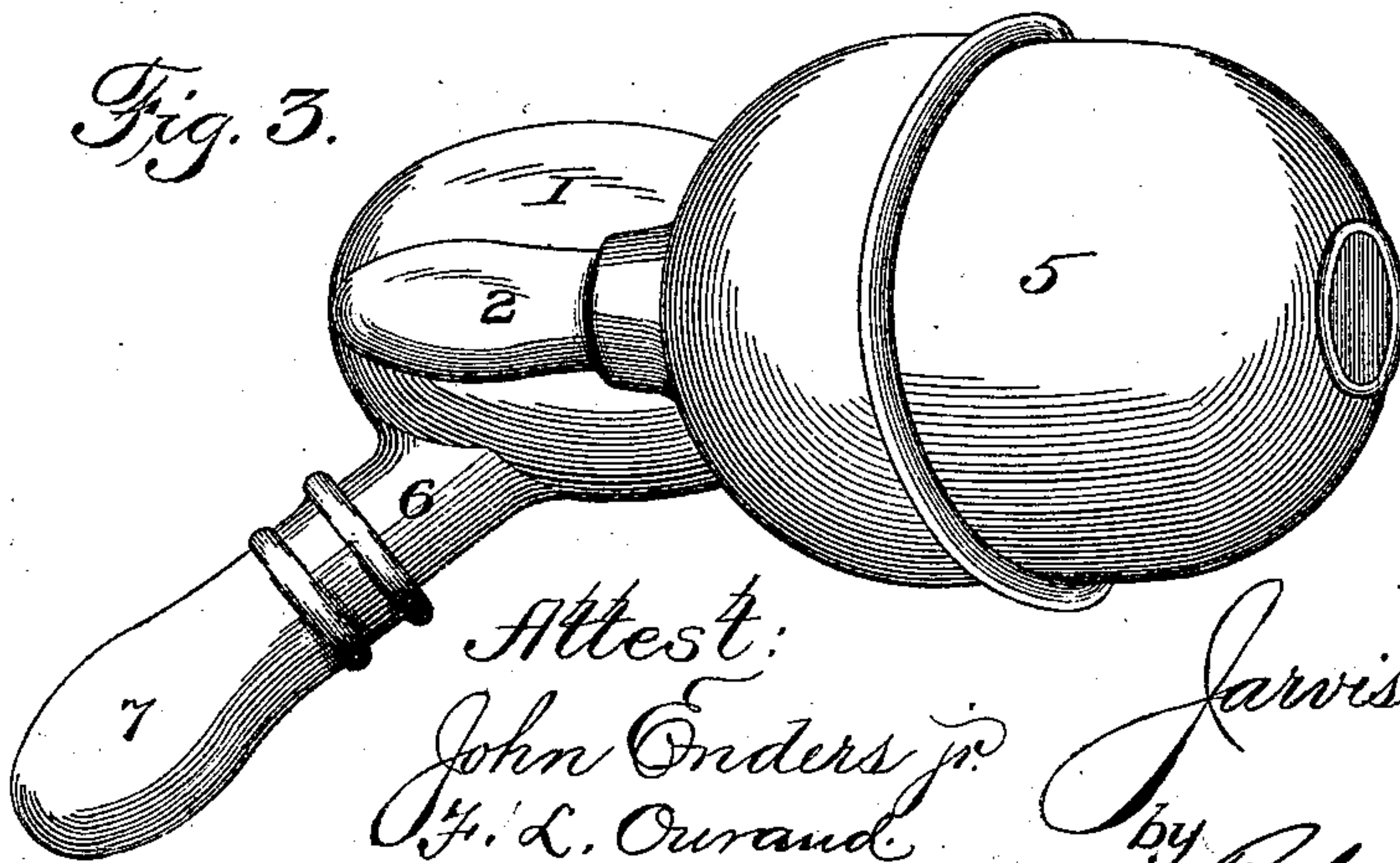


Fig. 3.



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UNITED STATES PATENT OFFICE.

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GRADUATE OR MEASURE.

SPECIFICATION forming part of Letters Patent No. 547,862, dated October 15, 1895.

Application filed January 24, 1895. Serial No. 636,145. (No model.)

To all whom it may concern:

Be it known that I, JARVIS H. PLATT, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Graduates or Measures; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification.

The present invention relates to that type of hand appliances by means of which medicines or other fluids are graduated or measured from a bottle or other like holder in a ready and accurate manner as required; and the present improvement has for its object to provide a simple, durable, and efficient device for such uses, and in which are embodied the following advantageous features: a measuring device without any moving parts and of a single-piece construction, a convenient construction whereby medicines can be given to young persons while asleep and which for use in extreme cases is adapted to receive a rubber bulb for use in forcibly expelling the medicine, &c., in a gradual manner out from the measuring-chamber into the mouth or throat of such person. I attain such objects by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved graduate or measure, showing the same applied to a druggist's bottle and in a measuring position; Fig. 2, a similar view of the same in a pouring or discharging position; Fig. 3, a similar view of the same in a discharging position with a rubber bulb attached for aiding in the expulsion of the measuring-chamber's contents.

Similar numerals of reference indicate like parts in the several views.

Referring to the drawings, 1 represents a measuring-chamber of any usual and suitable form, preferably of a bulb shape, as shown; 2, an inlet-neck connecting at one side of the bulb 1 and provided with a tapering rubber cork 3 or other usual means of attachment, by means of which it can be connected to a bottle or other holder 4 or to a flexible bulb 5, of rubber or other suitable material, when a

positive means for evacuating the measuring-chamber is required.

6 is an outlet-neck connected to the side of the measuring bulb or chamber 1 at a side adjacent to that at which the inlet-neck 2 is connected, so that the openings of said necks into the interior of the measuring-bulb will be substantially at right angles to each other, the construction being such that one or the other of such openings will be above the liquid-level in either the filling or emptying positions of the measuring-chamber. The outlet-neck is adapted to receive a nursing-nipple 7 when such an exit means is indicated for the delivery of the contents of the measuring-chamber.

For medicinal and like household use it is preferable to construct the present measure or graduate from white glass and to graduate the outside with a suitable scale or gage to indicate various quantities therein.

The present invention affords an absolutely safe and accurate means by which medicine can be quickly and conveniently graduated or measured out from a druggist's bottle and given to patients without raising their heads from the pillow, and with which the most nervous patients can measure out their own dose, either by half-tea-spoonful, tea-spoonful, table-spoonful, or less, and by no possible chance can they get an overdose.

The present device is adapted for attachment to any size bottle and is so constructed that it may be tightly corked. It does away with the necessity of a spoon and the possible annoyance of spilling on clothing or bed-clothes, and in addition affords an excellent arrangement for taking medicine that might discolor or injure the teeth. In use the desired quantity will be allowed to flow into the graduated measuring vessel or bulb 1 and can remain there corked securely from the air until it is desired to use or take the same.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A graduate or measure, without moving parts, comprising, a measuring bulb or chamber, having inlet and outlet necks, that are connected to the sides, of the chamber, in manner substantially as herein described, so that

the graduate or measure is adapted to fill or empty itself by changes in its position, substantially as set forth.

2. A graduate or measure, without moving
5 parts, comprising, a measuring bulb or chamber, having inlet and outlet necks, that are connected to the sides, of the chamber, in manner substantially as herein described, so
10 that the graduate or measure is adapted to fill or empty itself by changes in its position, the inlet neck being adapted for attachment to a bottle or holder, or to a flexible expelling bulb, substantially as set forth.

3. A graduate or measure, without moving
15 parts, comprising, a measuring bulb or chamber, having inlet and outlet necks, that are connected to the sides of the chamber, in manner substantially as herein described, so that the graduate or measure is adapted to fill or
20 empty itself by changes in its position, the in-

let neck being adapted for attachment to a bottle or holder, or to a flexible expelling bulb, and the outlet neck adapted for attachment to a nursing nipple, substantially as set forth.

4. A graduate or measure, without moving
25 parts, comprising, a measuring bulb or chamber, having inlet and outlet necks, that are connected to the sides, of the chamber, in manner substantially as herein described, so
30 that the graduate or measure is adapted to fill or empty itself, by changes in its position, the parts being integrally formed of glass, substantially as set forth.

Signed at Chicago, Cook county, Illinois, 35
this 21st day of January, 1895.

JARVIS H. PLATT.

In presence of—

FRED W. HOEFER,
GEO. H. ARTHUR.