

No. 756,642.

PATENTED APR. 5, 1904.

C. JENSEN.
LAUNDRY TUB WATER INDICATOR.
APPLICATION FILED SEPT. 10, 1903.

NO MODEL.

Fig. 1.

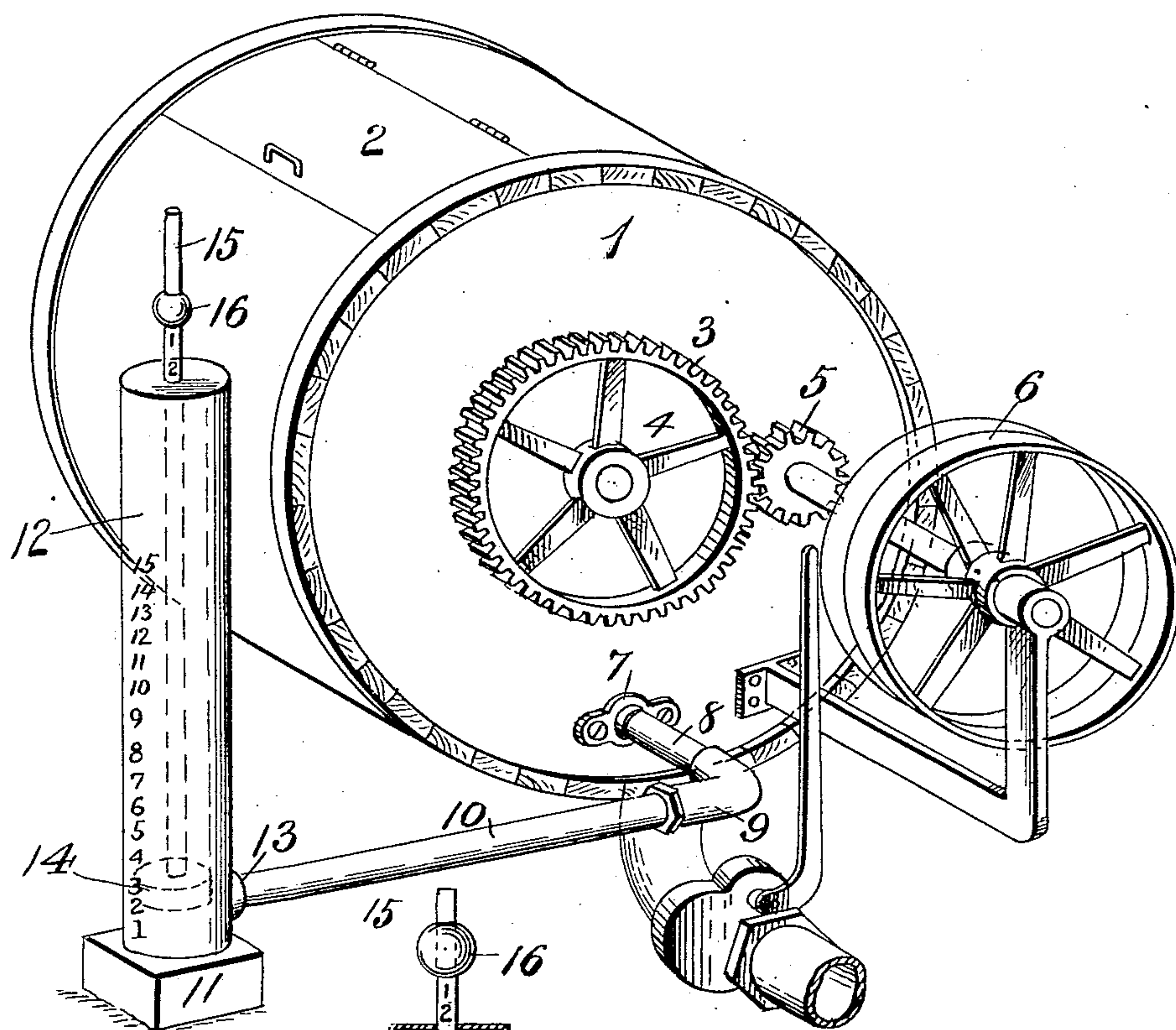
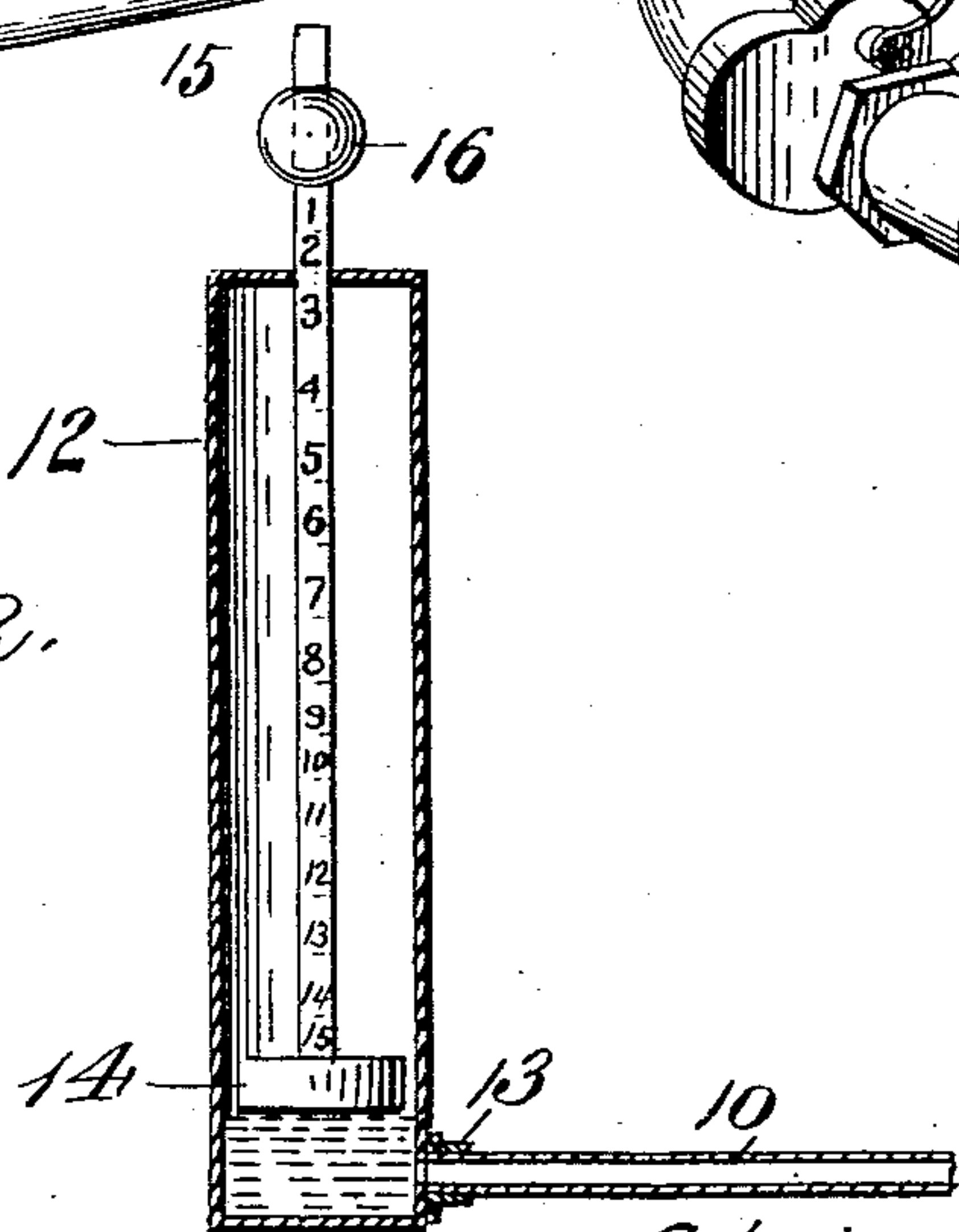


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

CHRISTIAN JENSEN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF
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LAUNDRY-TUB WATER-INDICATOR.

SPECIFICATION forming part of Letters Patent No. 756,642, dated April 5, 1904.

Application filed September 10, 1903. Serial No. 172,602. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN JENSEN, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Laundry-Tub Water-Indicators, of which the following is a specification.

My invention is a laundry-tub water-indicator, and though primarily intended as a laundry-tub water-indicator it may be used to indicate the depth of water or other liquids in any vessel.

In the accompanying drawings, Figure 1 is a perspective view of my invention. Fig. 2 is a vertical sectional view of the indicator-tube and a perspective view of the float, the bar, and ball.

It is well known in laundry circles how important it is to know the depth of water in the inside cylinder to wash the clothes uniformly and scientifically. In the ordinary indicator the float is dropped on the water in the vessel, while the numbered indicator-bar extends upward through an opening in the top of the vessel. This cannot be done in a laundry-tub because of the rotation of the perforated inner cylinder, and therefore I have invented a method by which I conduct a vein of water from near the bottom of the tub any distance therefrom and allow it to ascend in a tube any distance away from the tub. This tube may be set in some corner or niche in the room entirely out of danger and out of the way, the lower water-line of the tube being a little below the lower water-line of the inside cylinder.

My invention is described as follows:

The numeral 1 represents a circular tub; 2, the door of the tub; 3, a cog-wheel secured on a shaft 4. This shaft 4 is journaled longitudinally in the tub and carries a revolving cylinder which revolves in said tub and contains the clothes being washed. The cog-wheel 3 is rotated by a pinion cog-wheel 5, rotated by a band-wheel 6 and other coacting mechanism.

Secured to the tub and near the bottom thereof or to any pipe leading into or there-

from is a neck-coupling 7, and extending from the neck-coupling is a pipe 8. Secured to the end of said pipe 8 is an elbow-coupling 9, and secured to said elbow-coupling 9 is one end of a pipe 10. This pipe may be any length and may be straight or bent, so that it may be carried to the indicator-tube wherever it may be placed.

Situated some distance from the tub is the indicator-tube 12, and secured to the said indicator-tube and near its bottom is a neck-coupling 13, in which is secured the other end of said pipe 10.

Situated in the tube 12 and resting on top of the water is a float 14. Secured to and extending upwardly from said float is an indicator-bar 15. The upper end of this indicator-bar passes up through an opening in the upper end of the tube and has on its face numerals dividing said bar into inches, the numerals running "1," "2," "3," and "4," &c., downwardly to the float, so that when the numeral "1" appears it is indicated that there is one inch of water in the inside cylinder, when the numeral "2" appears two inches, and so on.

On the upper end of the bar 15 is a bright shining ball 16, so as to catch the eye and attract attention as it rises and indicate that the water is getting low in the vessel.

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

1. The combination of a laundry-tub 1; a neck-coupling 7, secured near the bottom of said tub; pipe 8, secured to said neck-coupling, and extending outwardly; elbow-coupling 9, secured to the outer end of said pipe; tube 12, set up vertically some distance from said laundry-tub, and having on its outer face, numerals; neck-coupling 13, secured to said tube near its bottom; a pipe 10 of any length, connecting said elbow 9, and said neck-coupling 13; a float 14, resting on the water on the inside of said tube; a bar 15, having numerals on its face, and secured to said float and extending upwardly through an opening in the head of said tube, the numerals on the bar and tube corresponding to

indicate the depth of water in the tube and inside cylinder, and a ball 16, secured on the upper end of said bar, substantially as shown and described and for the purposes set forth.

- 5 2. The combination of a laundry-tub; a neck-coupling secured to a pipe leading therefrom; a pipe secured to said neck-coupling, and extending outwardly; an elbow-coupling secured to the outer end of said pipe; a tube,
10 set up vertically some distance from said laundry-tub, and having on its outer face, numerals; a neck-coupling secured to said tube near its bottom; a pipe of any length connecting said elbow, and said neck-coupling;
15 a float resting on the water on the inside of said tube; a bar having numerals on its face,

and secured to said float and extending upwardly through an opening in the head of said tube, the numerals on the bar and tube corresponding to indicate the depth of water 20 in the tube and inside cylinder, and a ball secured on the upper end of said bar, substantially as shown and described and for the purposes set forth.

In testimony whereof I have signed my name 25 to this specification in the presence of two subscribing witnesses.

CHRISTIAN JENSEN.

Witnesses:

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