

No. 707,011.

H. S. REYNOLDS.
MILK CAN.

Patented Aug. 12, 1902.

(Application filed Sept. 20, 1901.)

(No Model.)

Fig. 1.

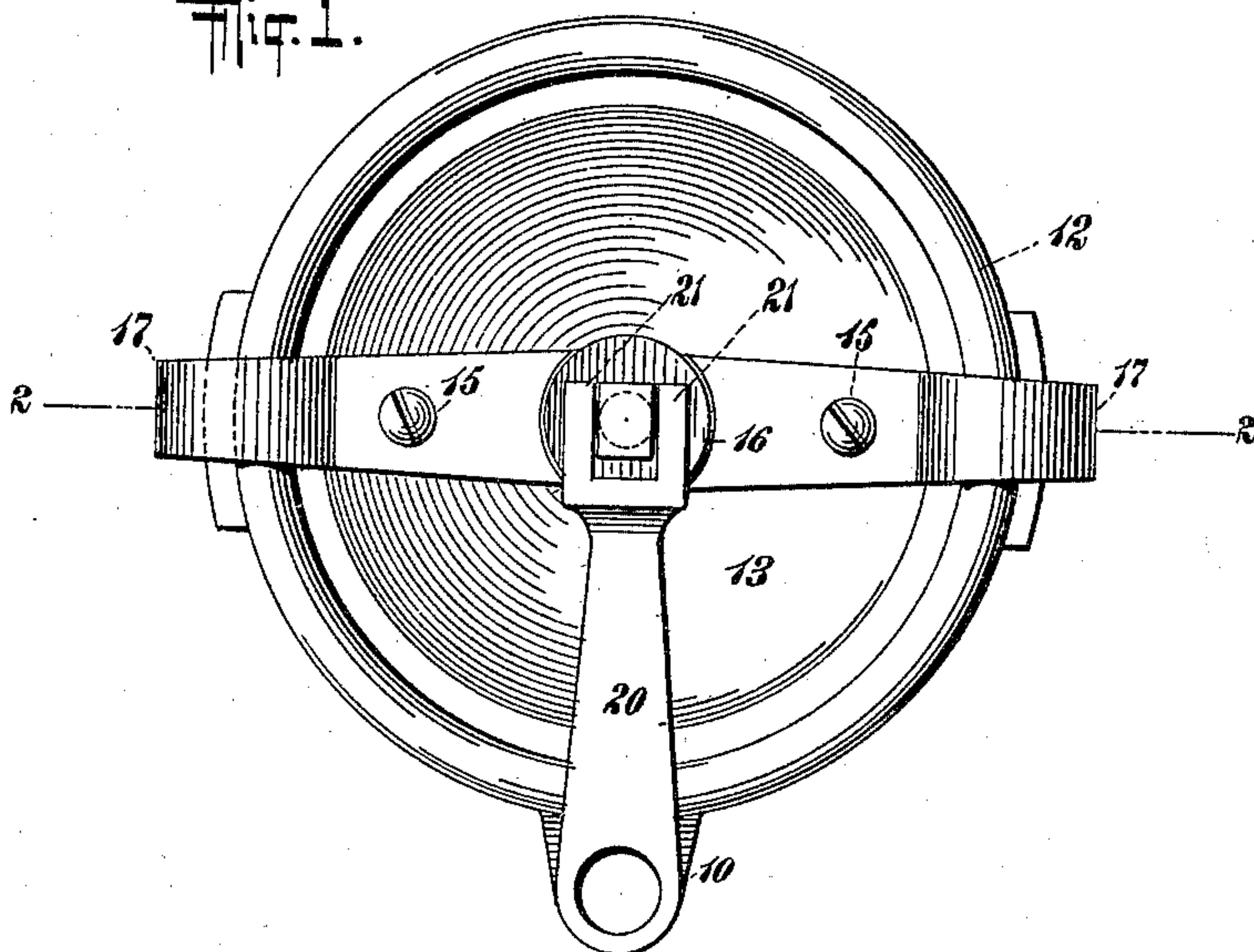


Fig. 2.

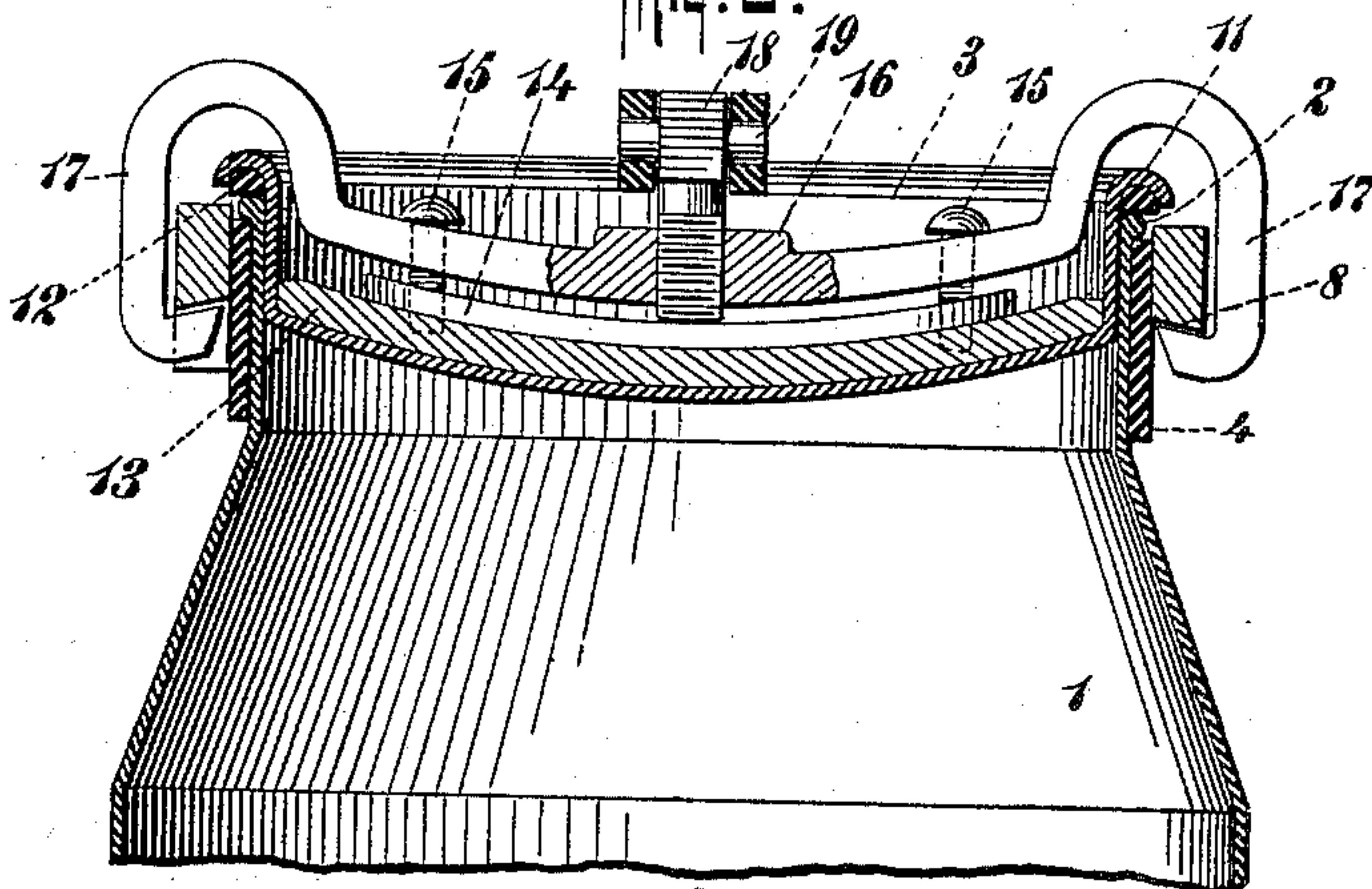
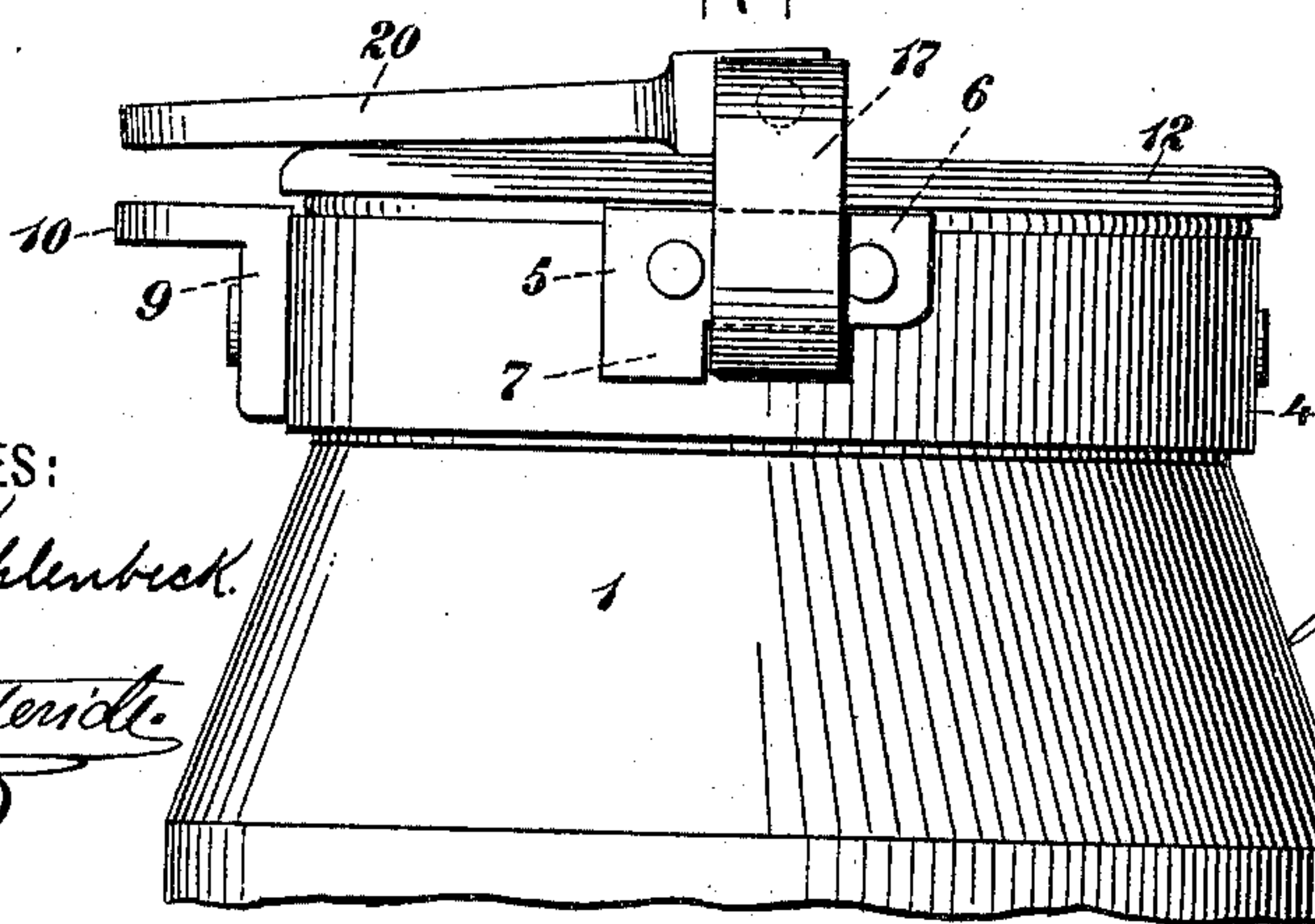


Fig. 3.



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MILK-CAN.

SPECIFICATION forming part of Letters Patent No. 707,011, dated August 12, 1902.

Application filed September 20, 1901. Serial No. 75,788. (No model.)

To all whom it may concern:

Be it known that I, HENRY S. REYNOLDS, a citizen of the United States, residing at the city of New York, borough of Brooklyn, county of Kings, State of New York, have invented certain new and useful Improvements in Milk-Cans, of which the following is a specification.

My invention relates to milk-cans and analogous structures, and has for its object to produce a new and improved closure for the open mouths of vessels.

In the accompanying drawings I have shown a milk-can in which my invention is embodied, without, however, limiting myself thereto, the essential features of the invention being hereinafter more particularly pointed out and claimed.

In the drawings, Figure I is a plan view of the closure. Fig. II is a sectional side elevation thereof, showing the can breast and mouth, the section being taken on the line 2 2 of Fig. I; and Fig. III is a side elevation of the can, the direction of view being from the right of Fig. II.

In the drawings, 1 indicates the can-breast, terminating at 2 in a mouth adapted to receive a snugly-fitting inwardly-dished cover 3. The can-mouth 2 is preferably surrounded by a band 4, which band preferably carries lugs 5. The form of these lugs is clearly shown in Figs. II and III—that is to say, the lug 5 has a horizontal portion 6 and a vertical portion 7, the lugs being substantially L-shaped and the portion 6 being preferably inwardly beveled at its lower edge 8, as clearly shown in Fig. II. An ear 9 is also preferably mounted upon the band 4 and is provided with an apertured extension 10 for the reception of a locking member.

The cover 3 is shown as provided with a curled-over edge 11, in which a suitable packing 12 may be carried, which packing is adapted to rest upon the upper edge of the can-mouth.

The cover 3 has suitably secured in the concave portion thereof, preferably by casting, a metallic plate or body 13, herein shown as provided with a rib 14. Holes are tapped in

this rib and body for the reception of screws 15. A yoke 16 is secured loosely to the cover 3 by the screws 15, the screws passing freely through the yoke and permitting the yoke to move freely up and down as necessity may require.

The yoke 16 is provided with hooked ends 17, which are adapted to engage beneath the lugs 5, the lower ends of the hooks having their upper edges beveled or being upwardly inclined. A bearing-screw 18, screw-threaded in the yoke, is adapted to bear against the rib 14. This bearing-screw is shown in the present instance as receiving a pin 19, which forms a pivotal connection between the said bearing-screw and the swinging handle 20. This swinging handle 20 is shown in the present instance as provided with a bifurcation 21 at one end to embrace the squared head of the bearing-screw and is apertured at the other end to cooperate with the apertured lug or portion 10 of the ear 9, so that the ear 9 and handle 20 may be securely locked together by means of a padlock or other fastening means.

In closing the can the cover is first seated in the mouth of the can and is then rotated until the hooked ends 17 are in position to engage beneath the horizontal portions of the lugs 5, the vertical portion 7 of the said lugs serving as stops to limit the rotation of said cover. The handle 20 is thereupon rotated to cause the screw 18 to press against the cover, and thus lift up on the yoke 16 to bring the hooked ends 17 firmly into engagement with the lugs 5. The handle is then brought into the position shown in Fig. I, and a suitable locking means, such as a padlock, is employed to lock the arm 20 and the ear 9 together.

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

1. The combination of a can-mouth, a cover fitted thereto and means for maintaining the cover in place, comprised in part by a rotary yoke or cross-bar carried by the cover, a rotary jamming means adapted to bear upon the cover to put the cross-bar under stress