

L. R. STEEL.

MILK CAN.

APPLICATION FILED JAN. 5, 1909.

983,652.

Patented Feb. 7, 1911.

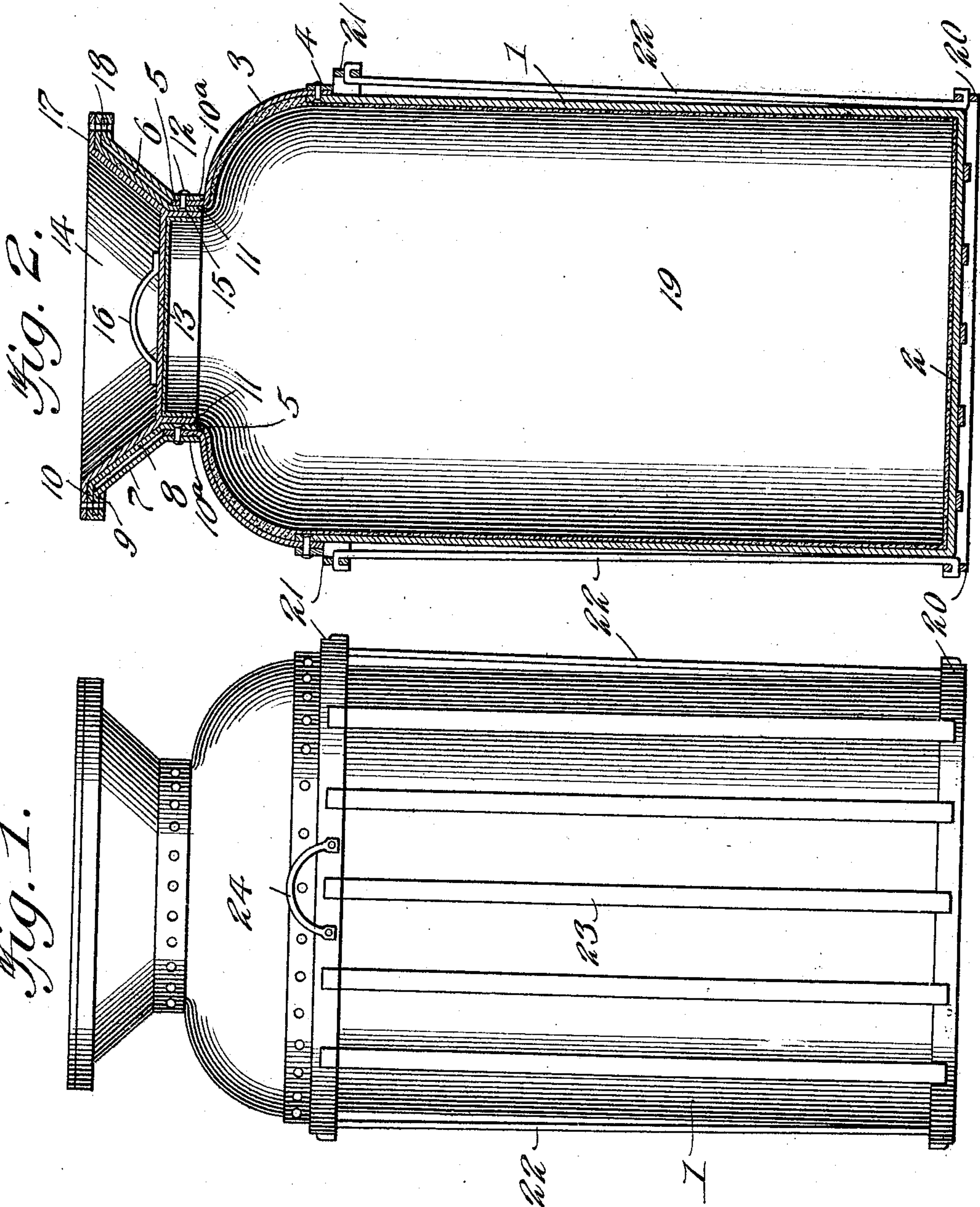


Fig. 1.

Fig. 2.

Witnesses

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LEONARD R. STEEL, OF MILWAUKEE, WISCONSIN.

MILK-CAN.

983,652.

Specification of Letters Patent.

Patented Feb. 7, 1911.

Application filed January 5, 1909. Serial No. 470,845.

To all whom it may concern:

Be it known that I, LEONARD R. STEEL, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Milk-Cans, of which the following is a specification.

My invention relates to improvements in milk cans.

10 The primary object of the invention is the provision of a milk can which shall have its inner surface coated with a non-corrosive and liquid proof material, whereby to prevent the contamination of the milk in the can and to permit the can to be kept in a highly sanitary condition at all times.

15 A further object of the invention is the provision of a milk can which shall be simple, durable and efficient, and one which may be manufactured and sold at a comparatively low cost.

20 With the above and other objects in view, the invention consists in the novel construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawing, wherein:—

25 Figure 1 is a view in side elevation of a milk can constructed in accordance with my invention, and Fig. 2 is a sectional view thereof, the section being taken on a plane extending vertically and centrally through the can.

30 My improved milk can comprises a lower cylindrical body section 1 having an integral bottom 2, the upper end of the body section 1 being fully open. The can also comprises an upper dome-shaped body section 3 which is secured at its lower end to the upper end of the body section 1 by means of rivets 4. At its upper end the body section 3 is formed with a vertically disposed annular flange 5 to which the mouth piece 6 of the can is secured. The mouth piece 6 is flaring, and comprises an outer inclined wall 7, and an inner inclined wall 8, which are provided at their upper edges with horizontally disposed flanges 9 and 10, respectively. The flange 10 is bent into interlocking engagement with the flange 9 to secure the upper ends of the walls 7 and 8 together. At their lower edges, the inner and outer inclined walls of the mouth piece 6 are provided with vertically disposed annular flanges 10^a and 11, respectively, which embrace the flange 5 of the body section 3, all

of said flanges forming the neck of the can. The mouth piece 6 is secured in applied position and the lower ends of the walls 7 and 8 are secured together by means of rivets 12 which pass through the flanges 5, 10^a and 11.

The can is closed by a removable cover which comprises a circular head 13, a flange 14 flaring upwardly from the head 13, and an annular flange 15 depending from the said head. When the cover is in applied position, the flange 14 engages the outer surface of the inner wall 8 of the mouth piece 6, and the flange 15 of the cover engages the inner surface of the neck of the can, the connection between the cover and the mouth piece and neck of the can being air and liquid tight. A handle 16 is secured to the head 13 and provides means by which the cover may be readily and quickly applied and removed. At its upper end the flange 14 of the cover is provided with a horizontally disposed flange 17 which rests upon the flange 10 of the mouth 6, this flange and the flanges 9 and 10 being provided with openings 18 to permit the cover to be secured in applied position through the medium of a seal.

The inner surface of the body of the can, as well as the inner surfaces of the head 13 and the flange 15 of the closure of the can, is coated with a non-corrosive and liquid proof material 19, such material providing the can with a lining which prevents the milk from becoming contaminated, and which permits the can to be readily and quickly cleaned and sterilized. The upper edge of the section 1 forms a shoulder which supports the lining 19 of the body section 2. The lining 19 seals the joint between the sections 1 and 2.

The can is removably mounted in a crate which comprises a lower annular member 20, an upper annular member 21, and slats 22 and 23. The slats 23 are secured at their upper ends to the member 21, and extend across the member 20. Those portions of the slats which extend across the member 20 form a base upon which the can rests. The slats 23 are secured at their ends to the members 20 and 21. Handles 24 are secured to the member 21 and in view thereof no strain is thrown on the can during the handling of the same.

It should be apparent from the above description, taken in connection with the ac-

companying drawing, that I provide a milk can which may be kept in a highly sanitary condition at all times, one which is simple, durable and efficient, and one which may be manufactured and sold at a comparatively low cost.

While I have described the invention, together with the construction which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative and that such changes may be made when desired as are within the scope of the claim.

Having thus described the invention what is claimed as new is:—

A milk can comprising a hollow body open at its upper end, an annular flange at the upper end of the body, a mouth piece consisting of outer and inner inclined walls,

horizontal flanges extending from the upper edges of the walls, the flange of the inner wall being bent into interlocking engagement with the flange of the outer wall to secure the upper ends of the walls together, vertically disposed annular flanges depending from the lower edges of the walls and embracing the flange of the body, means passing through said depending flanges and through the flange of the body, said means securing the lower ends of the walls together and securing the mouth piece to the body, and a closure.

In testimony whereof I affix my signature in presence of two witnesses.

LEONARD R. STEEL.

Witnesses:

GUSSIE A. REICHWALD,
JOHN G. LEWIS, Jr.