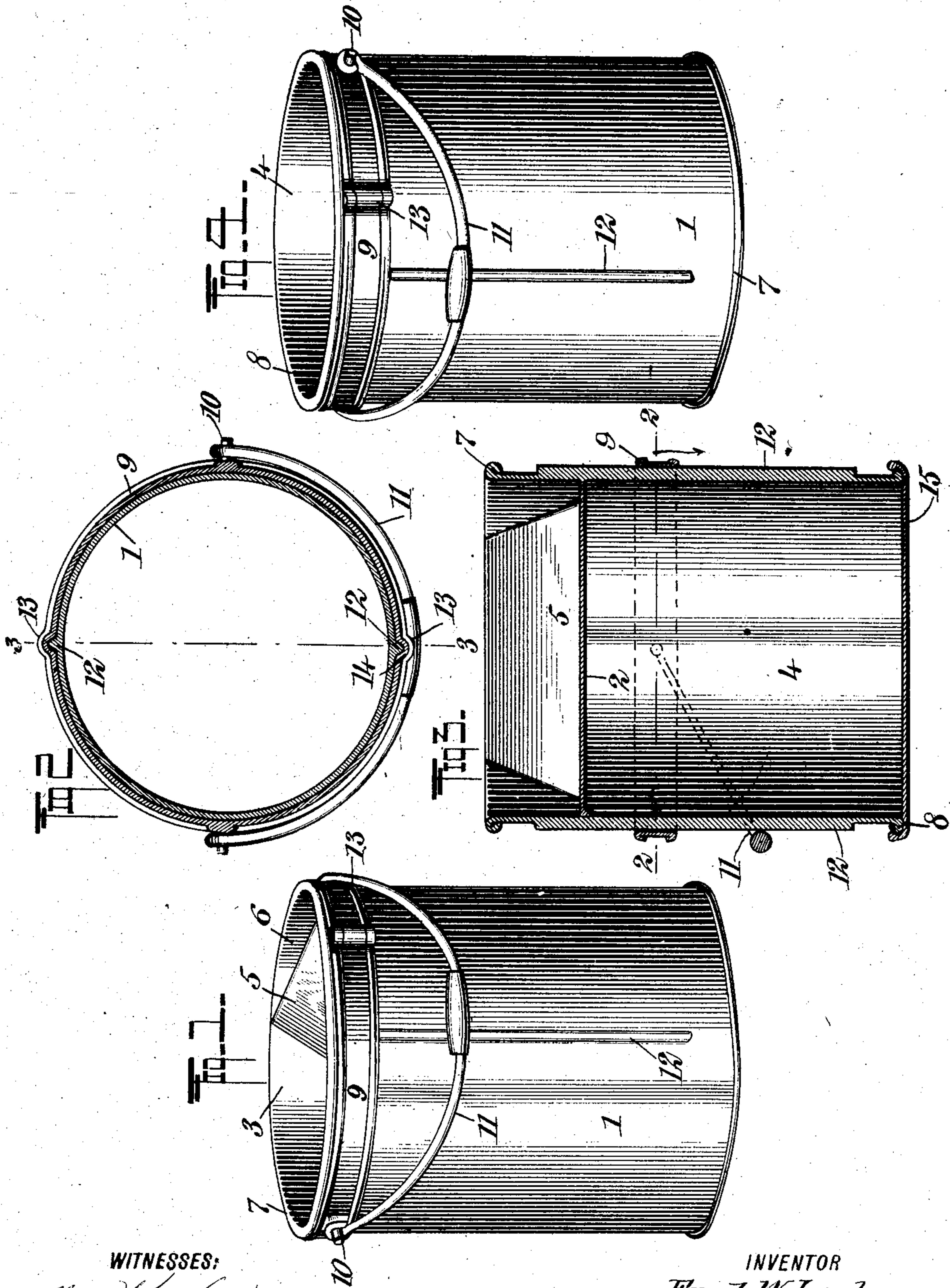


No. 790,065.

PATENTED MAY 16, 1905.

F. W. LECHNER.
MILK PAIL.

APPLICATION FILED JAN. 5, 1905.



WITNESSES:

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FRED W. LECHNER, OF WENONA, ILLINOIS.

MILK-PAIL.

SPECIFICATION forming part of Letters Patent No. 790,065, dated May 16, 1905.

Application filed January 5, 1905. Serial No. 239,740.

To all whom it may concern:

Be it known that I, FRED W. LECHNER, a citizen of the United States, and a resident of Wenona, in the county of Marshall and State of Illinois, have invented a new and Improved Milk-Pail, of which the following is a full, clear, and exact description.

This invention relates to milk-pails.

The object of the invention is to provide a convenient receptacle to receive the milk and to provide the same with a compartment to receive water, together with means for carrying a sponge, the purpose being to enable the cow's udder to be cleaned or washed before milking to the end that the milk will be kept clean. The pail is preferably reversible. When in one position it is adapted to carry water and in the reverse position it is adapted to receive milk.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view showing the pail disposed in the position which adapts it to carry water. Fig. 2 is a horizontal section taken substantially upon the line 2 2 of Fig. 3. Fig. 3 is a vertical central section taken substantially upon the line 3 3 of Fig. 2; and Fig. 4 is a perspective view similar to Fig. 1, but representing the pail in a reversed or inverted position, adapting the same to receive milk.

Referring more particularly to the parts, 1 represents the body of the pail, which is preferably of common cylindrical form, as shown. Across the body 1 a depressed bottom or head 2 is formed, as shown most clearly in Fig. 3, so that the interior of the pail is divided into two independent compartments 3 and 4. The compartment 3 is preferably of small depth, as shown, and from this compartment 3 an inclined partition or wall 5 divides off a third compartment 6. This dividing-wall 5 inclines in the direction of the rim of the pail, so as to form a contracted mouth for the chamber, as will be readily understood. This compartment 6 is intended to receive a sponge in a manner which will be described more fully hereinafter.

The extremities of the body 1 are preferably crimped, so as to form lips 7 and 8, which constitute rims for the compartments 3 and 4, as will be readily understood. Upon the body 1 a loose ring or hoop 9 is provided, the same being of substantial construction and provided with oppositely-disposed studs 10, which project outwardly, as shown, and afford means for attaching a suitable bail 11. This ring or hoop 9 is adapted to slide from end to end of the pail-body, so as to occupy a position abutting against either the lip 7 or the lip 8. In Fig. 1 this ring or band is represented as disposed against the lip 7, while in Fig. 4 the pail is represented in a reversed or inverted position with the ring against the lip 8. From this arrangement it will be seen that whether the pail-body be in its normal or inverted position the handle can always be placed adjacent to the uppermost rim or lip of the pail.

In order to prevent the ring from dropping down to the lower portion of the body when the pail is not supported upon its bail, as in carrying the same, I provide ribs 12, preferably two in number and disposed longitudinally upon the outer face of the pail-body. These ribs are preferably disposed diametrically opposite, as shown best in Fig. 3. In positions corresponding with the arrangement of the ribs 12 I provide the ring 9 with outward offsets 13, which form rudimentary eyes 14, which are adapted to receive the ribs if the ring is rotated so as to aline the parts, as will be readily understood. As shown, the ribs 12 terminate a short distance from the lips 7 and 8. From this arrangement it follows that when the ring is occupying substantially the position in which it is shown in Fig. 1 it will be supported upon the upper extremities of the ribs. However, when it is desired to reverse the position of the ring and bail in order to carry the pail in an inverted position the ring would be simply rotated to bring the rudimentary eyes or grooves 14 into alinement with the ribs, whereupon the ring may be easily slipped to the opposite extremity of the pail. Having arrived at the opposite extremity of the pail, the ring may be again rotated, so as to lock the same above the opposite extremities of the ribs when the pail be-

comes inverted. In Fig. 3 the ring is represented in the act of sliding downwardly between its two possible positions.

If desired, a suitable cover 15 may be provided, adapted to be received over the lip 8 in order to close the opening of the pail when carrying milk.

In using the pail the enlarged division of the compartment 3 is to receive water, the pail being held in substantially the position shown in Fig. 1. A sponge of any suitable size and quality would be thrust through the contracted opening of the compartment 6. In this way the dairyman should proceed to the milking: After washing the cow's udder the pail would be reversed in the manner described, the sponge having been returned to the sponge-compartment 6. The pail would thereafter be carried and treated as an ordinary milk-pail. Attention is called to the fact that the inclination of the wall 5 contracting the mouth of the compartment 6 as it does affords means for retaining the sponge while the pail is carried in a reversed position, as indicated in Fig. 4.

A pail constructed according to this invention is simple, inexpensive, and convenient, dispensing with the necessity for carrying a pail of water for the purpose suggested.

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

1. A pail having a depressed bottom, and a compartment formed against said bottom and having a contracted opening to receive a sponge.

2. A reversible pail having a depressed bottom dividing the interior of said pail into different compartments, and a bail adapted to attach to said pail in different positions.

3. A pail having a reversible body with a depressed bottom, and a bail adapted to attach to said body at substantially the opposite extremities thereof.

4. A pail comprising a reversible body having a depressed bottom, a ring adapted to slide longitudinally upon said body, and a bail carried by said ring.

5. A pail comprising a reversible body having a depressed bottom, a ring slidably mounted upon said body, means for limiting the longitudinal movement of said ring, and a bail carried by said ring.

6. A pail comprising a reversible body having lips at the extremities thereof, a ring adapted to slide upon said body to engage said lips, and a bail carried by said ring.

7. A pail comprising a reversible body having a depressed bottom, a ring adapted to slide upon said body, means for locking said ring against longitudinal movement by rotation thereof, and a bail carried by said ring.

8. A pail comprising a reversible body having a depressed bottom, a ring adapted to slide upon said body and carrying a bail, said ring having an outward offset, and a projection disposed on the outer face of said body, said ring being adapted to pass said projection when alining with said offset.

9. A pail comprising a reversible body, a ring adapted to slide longitudinally upon said body and carrying a bail, and ribs disposed longitudinally upon said body, said ring having offsets presenting grooves which may receive said ribs.

10. A pail comprising a reversible body having a depressed bottom therein dividing the interior of said body into separate compartments, a wall dividing one of said first compartments into other compartments, and a reversible handle carried by said body.

11. A pail comprising a reversible body having a depressed bottom dividing the interior of said body into separate compartments, an inclined wall disposed across one of said compartments, forming a sponge-compartment with a contracted opening, and a reversible handle carried by said body.

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

FRED W. LECHNER.

Witnesses:

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