

M. REED.
CHURN ATTACHMENT.
APPLICATION FILED MAY 25, 1904.

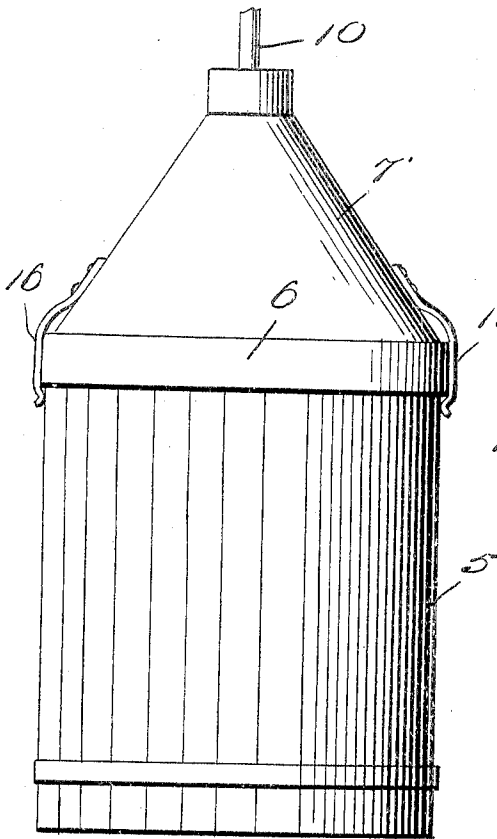


Fig. 1.

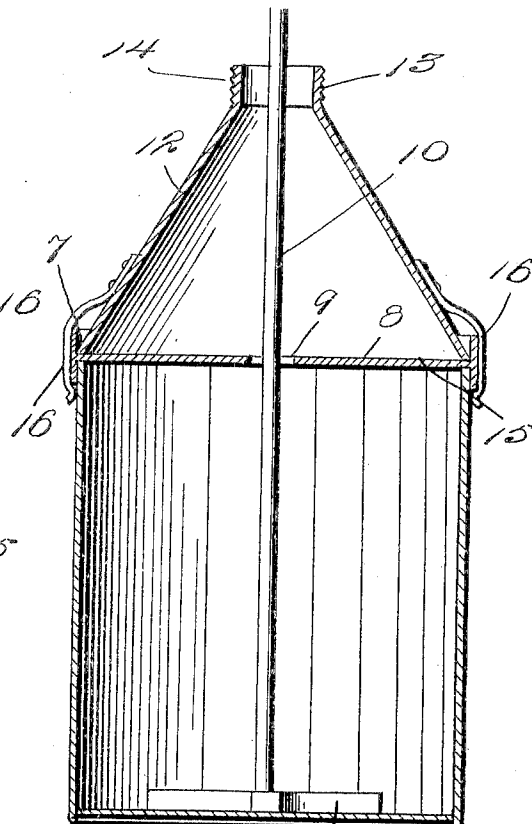


Fig. 2.

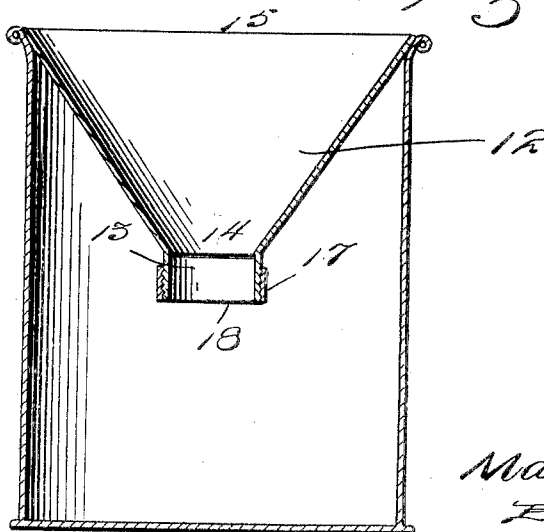


Fig. 3.

Witnesses
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MAY REED, OF DUNCAN, INDIAN TERRITORY.

CHURN ATTACHMENT.

No. 797,225

Specification of Letters Patent.

Patented Aug. 15, 1905.

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To all whom it may concern:

Be it known that I, MAY REED, a citizen of the United States, residing at Duncan, in the Chickasaw Nation, Indian Territory, have invented certain new and useful Improvements in Churn Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to churns, and more particularly to the class of hand-churns of the vertical reciprocating dasher type, and has for its object to provide an attachment for use in connection with churns of this kind which will prevent the splashing of milk from the churn during the operation of churning and which may be also used as a funnel and strainer in pouring the buttermilk from the churn. Other uses to which the attachment may be put will be apparent from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a side elevation of the attachment applied to a churn. Fig. 2 is a longitudinal section of Fig. 1. Fig. 3 is a view showing the attachment used as a strainer.

Referring now to the drawings, there is shown a churn having the usual cylindrical body portion 5 provided with the customary encircling band 6, projecting above its upper edge, as shown, to form a shoulder 7 for the reception of the closure 8 of the churn, the edges of which rest thereupon. The closure is provided with a central opening 9, with which is loosely engaged the handle 10, to which the dasher 11 is attached.

The construction just described is such as is commonly found in churns of this type, and usually during the operation of churning considerable milk is splashed through the opening 9 by the reciprocations of the dasher 11 within the churn, this milk often flying upon the clothing of the operator and upon the floor. It is to prevent this splashing as mentioned above that the present attachment is provided.

The attachment comprises a hollow cone-shaped body portion 12, open at its ends and having an outwardly-extending flange 13 encircling its minor end 14, its major end 15 resting upon the closure 8 of the churn and

against the inner face of the band 6 when the attachment is in operative position, it being held from displacement by spring-clips 16, secured to its outer face and engaging the under edges of the band 6. The handle 10 passes upwardly through the minor end 14 of the body portion 12, and it will thus be seen that any milk splashing through the opening 9 will strike the inner face of the body portion and will pass to the closure 8, flowing therefrom through the opening 9 again into the churn.

The outer face of the flange 13 is threaded, and when it is desired to pour the milk from the churn the dasher and handle may be removed therefrom and a cap 17, having a screen 18, may be engaged with the flange 13, the cap being provided with threads, as shown, and the milk may be poured from the churn through the attachment, the screen preventing the passage of the butter though permitting the milk to flow therethrough.

When removed from the churn, the attachment may be used as a strainer, as a funnel, and for various other purposes.

In practice modifications of the specific construction shown and described may be made and any suitable materials may be used without departing from the spirit of the invention.

What is claimed is—

The combination with a churn comprising a body portion open at its top, and a lid for the opening, said lid having an opening in its center for the reception of a dasher-handle and having a downwardly and upwardly extending flange at its periphery, the inner face of the downwardly-extending flange lying in engagement with the outer wall of the churn, of a hollow cone open at its top and resting upon the churn with the outer surface of its major end lying in engagement with the inner face of the upwardly-extending flange, and spring-clips secured to the cone above the flange of the lid and lying with their free ends in yieldable engagement with the under edge of the downwardly-extending portion of the flange and adapted to hold the lid and cone normally and yieldably connected.

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

MAY REED.

Witnesses:

S. L. HOSKINS,
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