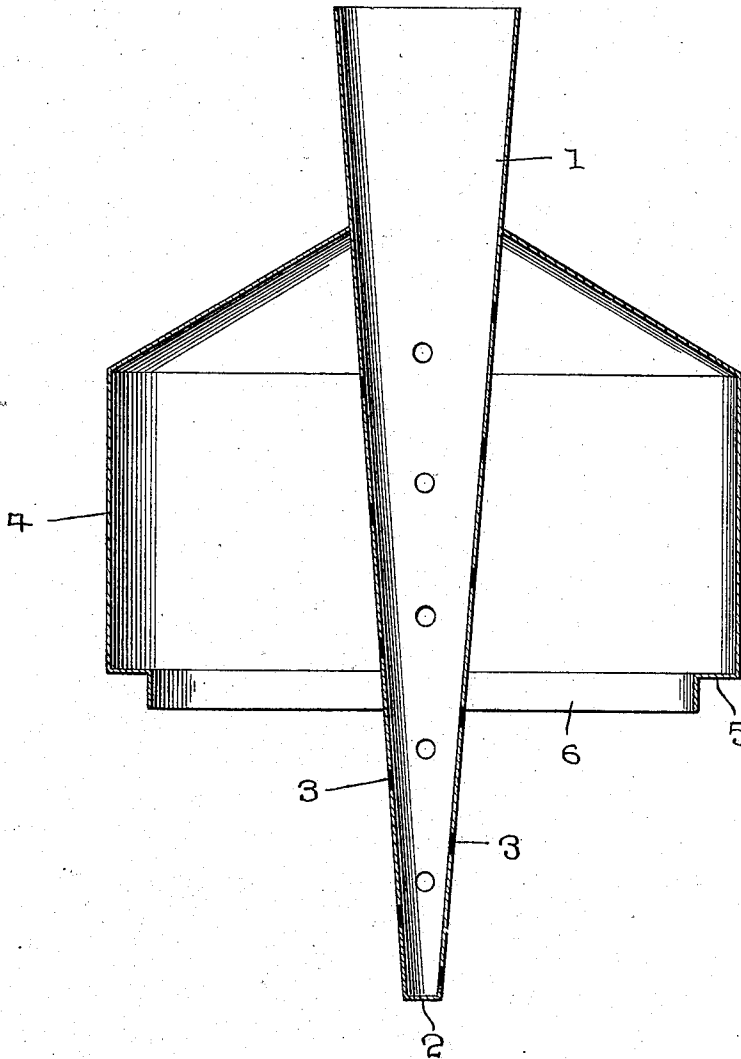


L. L. STAHL.
CREAM SEPARATOR CORE CLEANER.
APPLICATION FILED SEPT. 8, 1908.

932,646.

Patented Aug. 31, 1909.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEONARD L. STAHL, OF MITCHELL, SOUTH DAKOTA.

CREAM-SEPARATOR-CORE CLEANER.

932,646.

Specification of Letters Patent.

Patented Aug. 31, 1909.

Application filed September 8, 1908. Serial No. 452,021.

To all whom it may concern:

Be it known that I, LEONARD L. STAHL, a citizen of the United States, residing at Mitchell, in the county of Davison and State of South Dakota, have invented certain new and useful Improvements in Cream-Separator-Core Cleaners; 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.

My invention relates to new and useful improvements in cleaning devices and more particularly to that class adapted to be used for cleaning cores of cream separators, and my object is to provide means for introducing water into the separator and in engagement with the cores.

A further object is to provide means for supporting the water-containing receptacle in position on the separator and a still further object is to so arrange the parts of the water-containing device, whereby the weight of the volume of water will be utilized in depositing the water in engagement with the cores with considerable force, and a still further object is to provide suitable outlet ports for the water-containing receptacle, whereby the water may be introduced into engagement with the cores in streams.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawing I have shown a vertical central sectional view through the cleaning attachment.

In the drawing, 1 indicates the water receptacle, which is preferably tapered inwardly from its upper to its lower end, the upper end of the receptacle being open, while the lower end thereof is provided with a closure 2.

Placed at suitable intervals in the wall of the receptacle 1, are openings 3, through which the water passes into engagement with the usual form of cores (not shown) and by forming the openings of the proper proportion, the water will be directed into engagement with said cores in streams or jets and

by upwardly increasing the diameter of the receptacle toward its upper end, its containing capacity will be correspondingly increased, and the weight of the volume of water will be utilized for delivering the water upon the cores with considerable force as previously stated.

In applying the water receptacle in position to introduce the water into engagement with the cores of the separator, the receptacle is provided with a hood 4, the upper end of the hood being attached to the receptacle 1 adjacent the upper end of the receptacle, while the lower end of the hood is provided with an inwardly extending shoulder 5, which shoulder terminates at its inner edge in a depending flange 6 and in placing the hood in position over the separator, the shoulder 5 rests on the upper edge of the usual form of bowl employed to hold the cores, while the flange 6 extends into the bowl and holds the hood in position thereon. When the cores are being cleaned, the hood 4 is introduced over the upper end of the bowl of the separator and the flange 6 introduced into the bowl until the shoulder 5 rests on the upper edge of the bowl. The receptacle 1 is then filled with water and the parts of the separator rapidly rotated, as when the cream is being separated from the milk, which operation will violently agitate the water and thoroughly cleanse the cores, the force of the streams of water being also employed for cleansing the cores.

It will thus be seen that I have provided a very cheap and economical means for thoroughly cleaning the cores of cream separators and one that can be applied on any form of machine and it will likewise be seen that by tapering the water-containing receptacle as shown, the weight of the volume of water will be utilized in forcing the water in engagement with the cores and thereby assist in the cleansing process.

What I claim is:

A device of the character described, comprising an inner approximately funnel shaped receptacle, flaring upwardly from its lower end toward its upper end, said lower

end being closed, said receptacle having numerous apertures through its sides, and an outer casing having its upper closed end inclined and connected to said receptacle, said
5 receptacle having a cylindrical body portion with its lower edge stepped and terminating at a point above the bottom of said receptacle.

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

LEONARD L. STAHL.

Witnesses:

W. I. WILSON,
W. M. HERBERT.