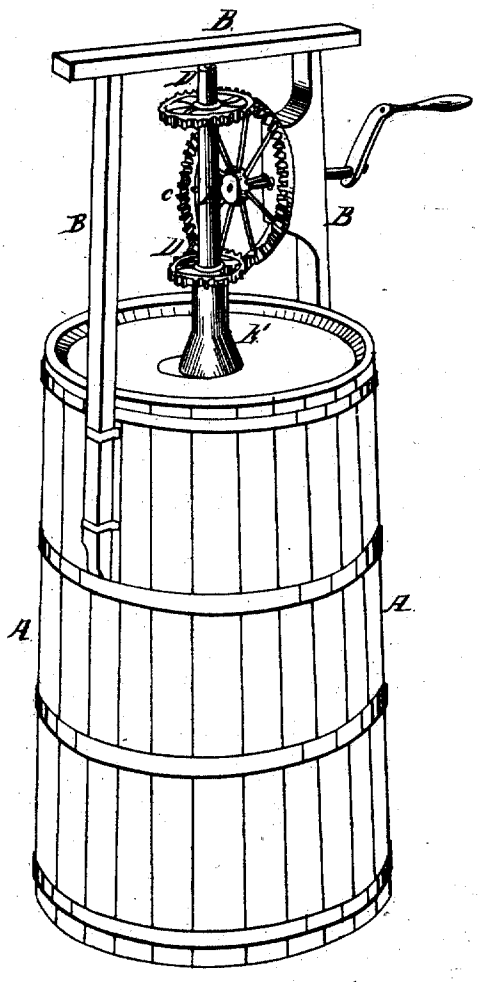
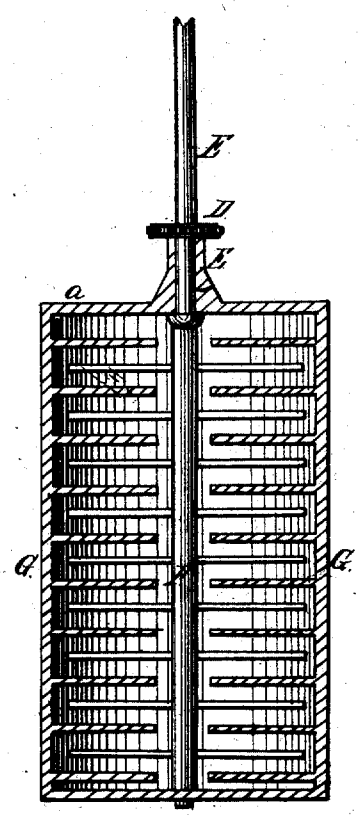
7238X

A. W. CARREL.

Rotary Churn.

Patented Oct. 25, 1832.





THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

7238X Dec 25. 1839 512

Anthony W Carrel of Granville Ohio

Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Anthony W Carrell himself of his improvement in the Churn

To all whom these presents shall come. Be it known that I. Anthony W Carrel of Granville in the County of Licking and State of Ohio have invented a new and useful improvement in the Churn for making manufacturing or extracting Butter from milk or cream. and the following is a full and exact description of the machine as invented or improved by me. I make a small cradle sufficiently light to contain the milk or cream, in which is placed the dashes, and is made and constructed as follows. I make a frame of a square form sufficiently small to revolve in the neck of a churn, in the side pieces of the frame I place at a regular distance small pieces of timber pointing inward the ends of which should be far enough separate to admit a shaft of sufficient strength, then I place small pieces of timber thro the shaft, so constructed as to pass between the pieces in the frame. the shaft being of sufficient length to pass thro the top of the churn and a hub or hollow piece of timber and constructed so as to have a small shoulder below the lid of the churn, and made fast to the frame on the hub I place a small spur wheel, then attach a small spur wheel of the same diameter near the end of the shaft above. the action is given by placing a fly wheel of something like twice the diameter of the spur wheel on a frame attached to the outer side of the churn so as to be moveable.

The fly wheel is made to revolve by a crank to the top and bottom of the shaft. should be sturdy. the bottom to work in the center of the churn. and the top through the top piece of the outer frame. After churning or breaking the milk or cream. to gather the butter. I detach the frame and shaft when the masses of butter are together by placing a small pin thro the hub and shaft above the churn.

Drawing

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I thus throw the upper upon wheel and by means of spring I claim as my invention the principle of the device, and the manner in which it is made to operate

(Sig'd. Witnesses
1836 D. Wright
Wm Grant

Anthony M. Cassel

(Patented October 25. 1832) (4 1/2 Months)