

W. Parks,

Churn.

No. 111,562.

Patented Feb 7, 1871.

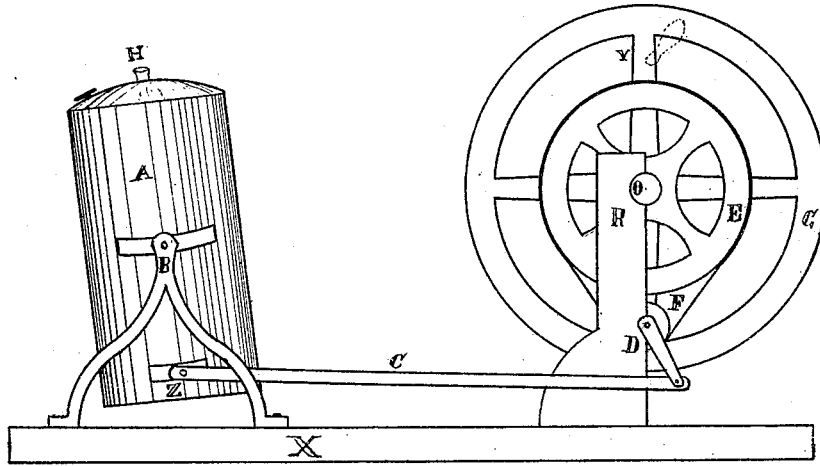


Fig 1

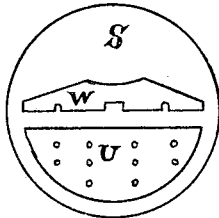


Fig 2

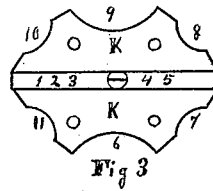


Fig 3

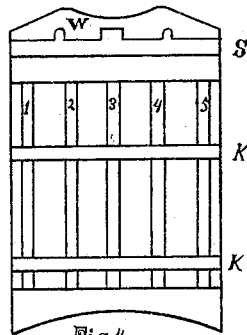


Fig 4

Witness
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United States Patent Office.

WILLIAM PARKS, OF MEADVILLE, PENNSYLVANIA.

Letters Patent No. 111,562, dated February 7, 1871.

IMPROVEMENT IN CHURNS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM PARKS, of the city of Meadville, Pennsylvania, have invented a new and improved Churn; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing and the letters of reference marked thereon.

Figure 1 represents my churn with all its parts adjusted in working order.

R is a post in the bottom board X.

This post is double, and on it is hung the balance-wheel G.

The band-wheel E on the shaft O.

F is a smaller band-wheel, driven by E.

On the shaft of this small wheel is a crank, D.

C is a pitman, one end on the crank D, and the other on a pin, Z, on the bottom of the churn A.

The churn A is hung on a pin, B, and when the wheel G is made to revolve, the churn A oscillates rapidly.

H is a cover.

The churn A is a round or square vessel, of wood or metal.

Figure 4 represents the churn-dasher, which is made of bars or "lattice work," 1 2 3 4 5.

On the sides of these bars are two or more wings,

shown at K K, Figure 3, perforated with two or more holes each, and the edges of the wings are notched, (see 6 7 8 9 10 11.) There may be any desired number of these wings.

The top of the dasher is round, as shown at Figure 2, and has a strainer on one-half, (see U.) This also answers for a ventilator.

Fig. 4 shows the dasher put together and removed from the churn. This dasher sits in the churn in a perpendicular position, and when the cream is placed in the churn the oscillating motion of the churn, as before described, causes the butter "to come."

What I claim as my invention, and desire to secure by Letters Patent is as follows, to wit:

1. The churn-dasher herein described, consisting of the vertical bars 1 2 3 4 5, the horizontally-placed perforated wings K K, notched as at 6 7 8 9 10 11, the rounded portion S, and strainer U, all constructed as specified.

2. The above-described dasher, in combination with an oscillating churn-barrel, A, substantially as set forth.

W. PARKS.

Witnesses:

A. B. RICHMOND,
A. G. RICHMOND.