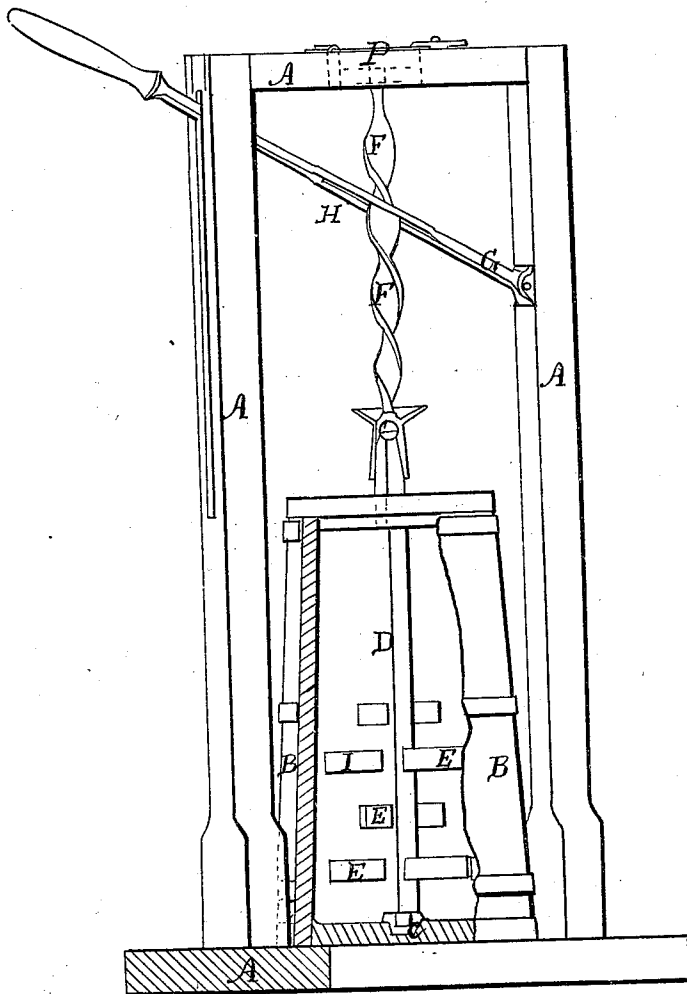


F. T. Fairchild.
Churn.

N^o 102,523. Patented May 3, 1870.



Witnesses

Thos Sprague
Charles F. Hammond

Inventor

F. T. Fairchild
per Atty
Thos Sprague

United States Patent Office.

FRANCIS THEODORE FAIRCHILD, OF SHEBOYGAN, WISCONSIN.

Letters Patent No. 102,523, dated May 3, 1870.

IMPROVEMENT IN CHURNS.

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

To whom it may concern :

Be it known that I, FRANCIS THEODORE FAIRCHILD, of Sheboygan, in the county of Sheboygan and State of Wisconsin, have invented a new and useful Improvement in "Churns," and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, and being a part of this specification.

The nature of this invention relates to an improvement in churns, and consists in the peculiar arrangement of its various parts, as hereinafter more fully described.

A in the drawings represents a proper frame.

B is a churn, in the bottom of which I place the step C, to receive the lower end of the dasher-stem D, which same is provided with the arms E

The upper end of the dasher D is provided with a suitable metallic socket, O, to receive the lower end of the twisted piston F, which is made to conform to the socket on the top of the dasher.

The upper end of said twisted piston operates in

and passes through a suitable bearing, P, attached to the cross-tie of the frame.

The lever G is pivoted at one end to one of the standards of the frame, while its other end passes through an elongated opening in the standard opposite.

This lever is provided with the slot H, to embrace the twisted piston, as shown.

By means of a reciprocating motion given to the lever, a rotary motion is given to the dasher.

The device is so simple that a description of its operation is deemed unnecessary.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination, the frame A, lever G, having the slot H, spiral shaft F, dasher D, socket O, bearing P, and churn B, substantially in the manner and for the purpose hereinbefore specified.

FRANCIS THEODORE FAIRCHILD.

Witnesses:

J. O. THAYER,
JAS. SCHRAGE.