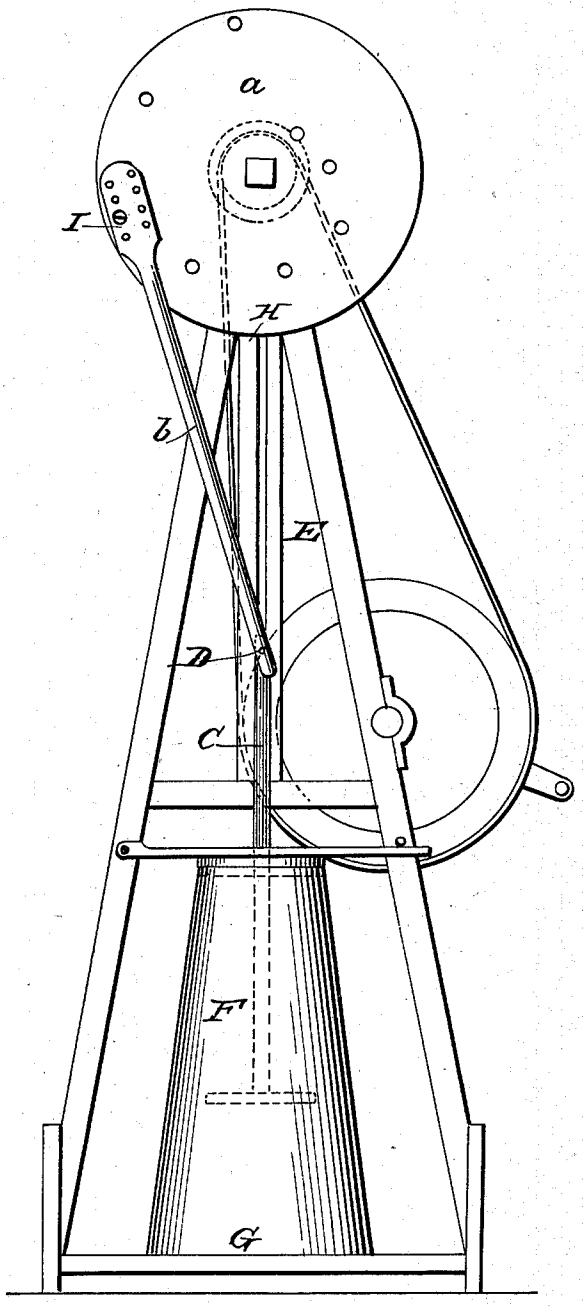
E. J. PHILLIPS.

Churn.

No. 47,219. Patented April 11, 1865.



N. PETERS. Photo-Lithographer. Washington. D. C.

UNITED STATES PATENT OFFICE.

EDWARD J. PHILLIPS, PRESCOTT, WISCONSIN.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. 47,219, dated April 11, 1865.

To all whom it may concern:

Be it known that I, EDWARD J. PHILLIPS, of the city of Prescott, in the county of Pierce and State of Wisconsin, have invented a new and useful Machine for Churning; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which the figure is a perspective view.

Balance-wheel A and pitman B are connected by wrist, I. When wrist is placed in the outside hole in balance-wheel A and lower hole in pitman B, then dash C reaches near the bottom of the churn. To change the stroke to suit the depth of cream in the churn, move wrist I an equal number of holes in balance-wheel A and pitman B. The dash will then reach the same point near the bottom of the churn. Pitman B and dash C are connected by the pin D, which runs in the slot E, to direct the perpendicular motion of the dash C. The churn E is made fast by a lever and pins in platform G.

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

The crank-wheel A, pitman B, and adjustable wrist I, in combination with the dasher C and guide-pin D, the several parts being constructed, arranged, and operating as and for the purpose herein set forth.

EDWARD J. PHILLIPS.

Witnesses:

STEPHEN COLLINS,

JOHN W. COLLINS.