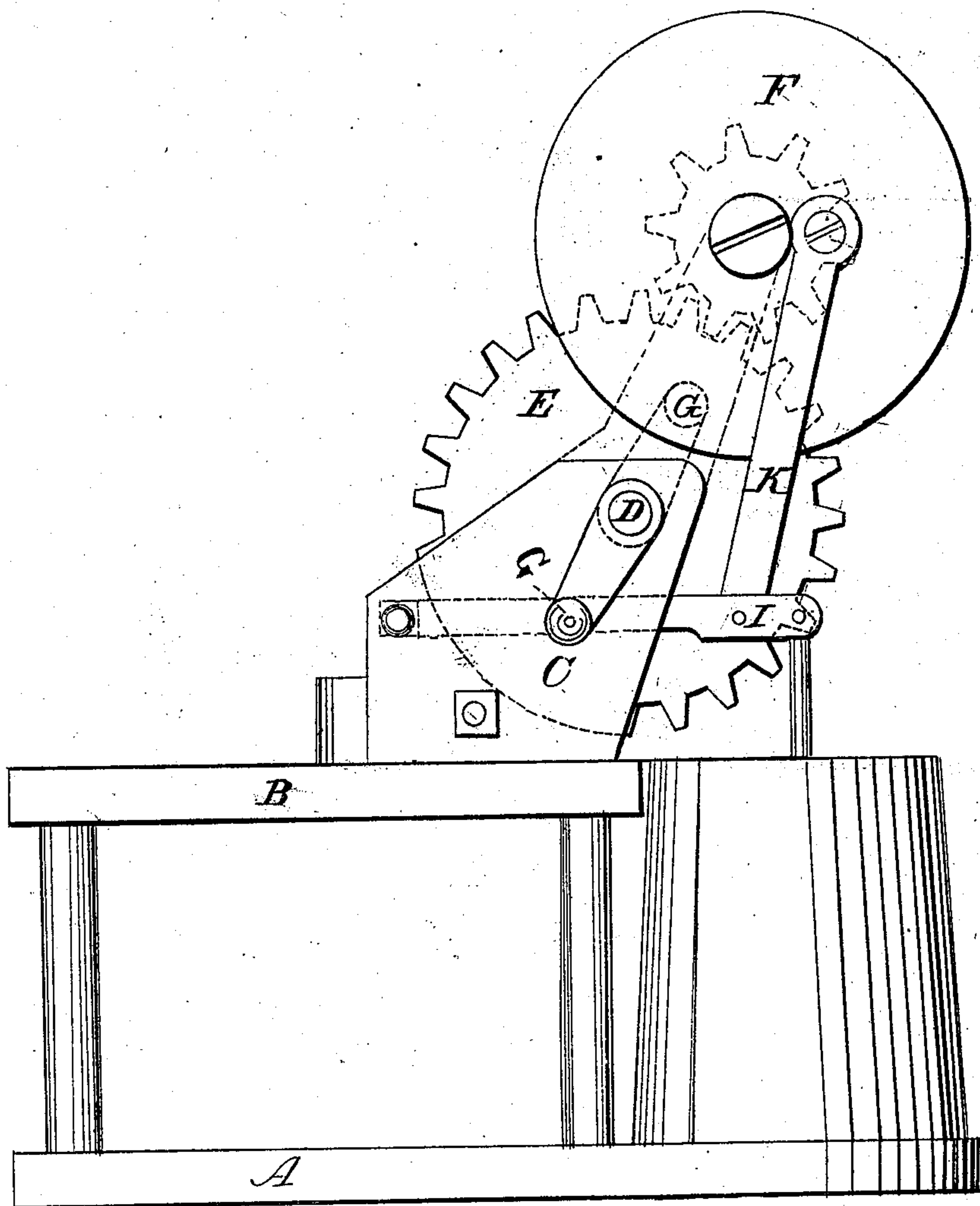


S. A. WHEELOCK.

Churn.

No. 36,379.

Patented Sept. 2, 1862.



UNITED STATES PATENT OFFICE.

SALEM A. WHEELLOCK, OF CHARLTON, MASSACHUSETTS.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. 36,379, dated September 2, 1862.

To all whom it may concern:

Be it known that I, SALEM A. WHEELLOCK, of Charlton, county of Worcester, State of Massachusetts, have invented an Improved Mode of Operating Churns; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, due reference being had to the accompanying drawing, which shows a side view of my invention with churn attached.

A is a base supporting the seat B and frame C.

D is a shaft having bearings in frame C, a gear-wheel, E, and cranks G and G on its ends.

F is a fly-wheel with gear attached, supported by stud in frame C, which extends up for that purpose, as shown by the dotted lines.

I is a lever hung at H and at I' connecting to the dasher of the churn J, and has a connecting-rod, K, to give it motion from a crank-pin in wheel F. On each side, at L, is a support or rest firmly secured to the frame or base for the operator to brace the feet against.

To operate the machine, the person sits on the seat B with the feet on the rests L and takes a crank of D in each hand, which gives

motion through the gear-wheels to F, thus operating the lever I and churn-dasher. It will be seen that the position of the person, with the feet braced against rests and the body supported by the seat, is the most advantageous to exert the muscles of the legs, body, and arms of the operator upon the cranks, who is thus enabled to give the most power.

I am aware that double cranks have been used for various purposes and wheels and levers of various forms applied to churns. Therefore I do not claim the particular form of any of the parts separately; but

What I do claim as new, and desire to secure by Letters Patent, is—

The above-described mode of operating churns when constructed and operated in the manner and for the purposes as above set forth and described.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

SALEM A. WHEELLOCK.

Witnesses:

JAS. G. ARNOLD,

GEO. SWAN.