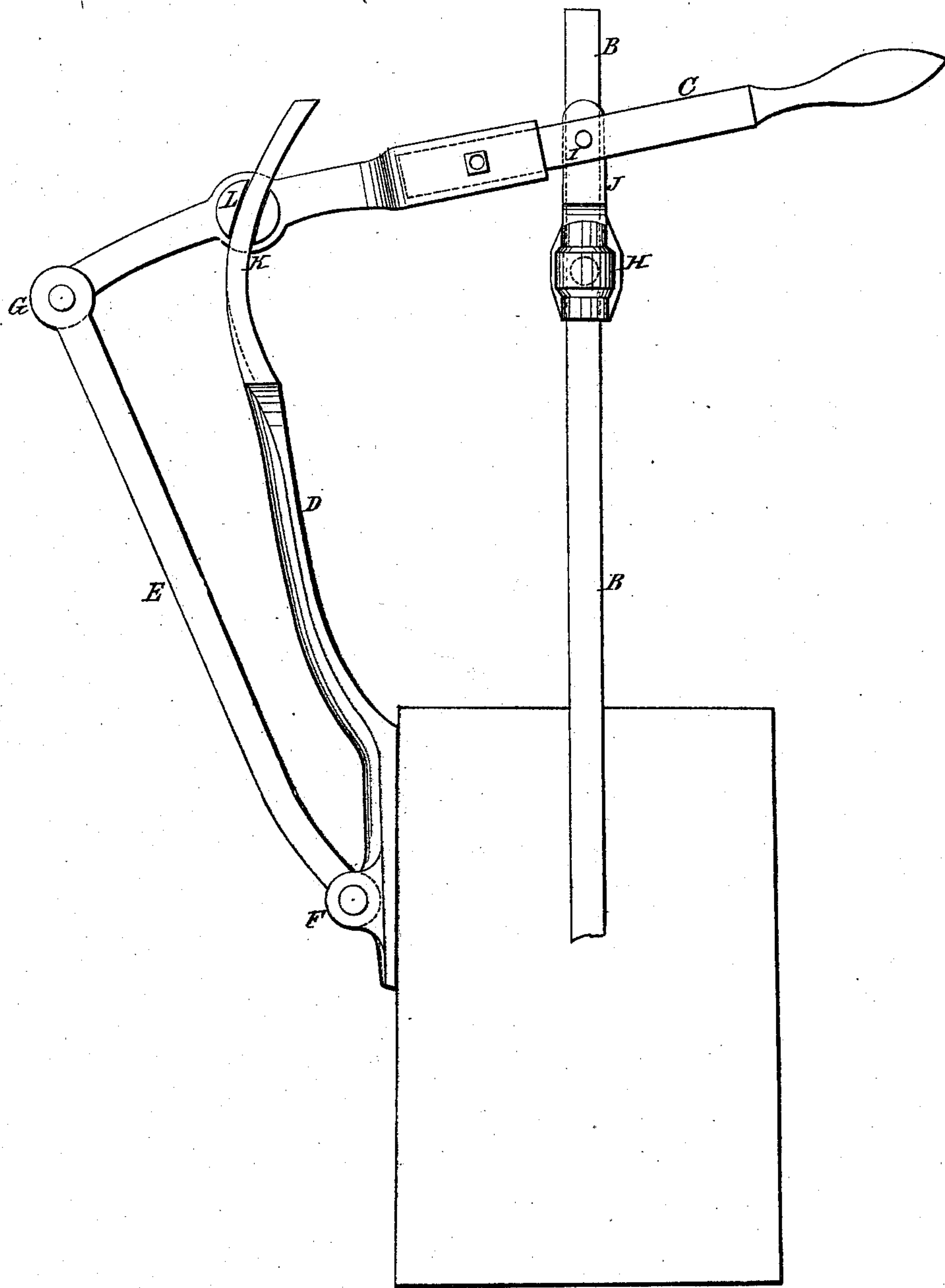


W. Hegg.
Churn Dash.

N^o 95,023.

Patented Sep. 21, 1869.



Witnesses.

John Brooks.
Frank H. G. H. H.

Inventor.
W. Hegg.

per

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Attorneys

United States Patent Office.

WILLIAM KEGG, OF LASSELLSVILLE, NEW YORK.

Letters Patent No. 95,023, dated September 21, 1869.

IMPROVEMENT IN OPERATING CHURN-DASHERS.

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 KEGG, of Lassellsville, in the county of Fulton, and State of New York, have invented a new and useful Improvement in Operating Churn-Dashers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improvement in the method of operating the dashers for butter-churns of the old style, or where the dasher is attached to a rod, or staff, and given a vertical reciprocating motion, by hand or by means of any other suitable motive power; and consists in providing for giving the staff of the dasher a perpendicular motion, when the same is attached to and operated by means of a lever, as hereinafter more fully described.

The accompanying drawing represents a side elevation of the device, with the staff of the dash attached.

Similar letters of reference indicate corresponding parts.

A represents the outline of the churn.

B, the churn-dash staff.

C is the lever.

D is a stand, which is made fast to the side of the churn, as represented in the drawing.

E is an oscillating rod, which is jointed to the stand D at F, and to the end of the lever at G.

The dasher-staff is connected with the lever by means of the tubular piece H, which is connected with the piece J, which passes through a mortise in the lever, where it is fastened by a pin, or bolt, as seen at I.

The tube H (enclosing the staff) is fastened to the

piece J by a thumb-nut, and is so arranged that the staff is drawn against the piece J, and held by the friction produced by the nut. By this arrangement, the staff may be grasped in any part, and securely held, so as to adapt the position of the dasher to any part of the churn or different quantities of cream.

With a fixed fulcrum to the lever C, the point of connection I with the staff B would describe an arc of a circle, and produce an oscillation or vibration in the staff which would be entirely inadmissible on account of the friction which would be produced by the dasher against the sides of the churn, and by the staff where it passes through the head of the churn.

To overcome this difficulty, I confine the lever to the circle K, on the stand D, by means of the slotted button L, which button passes into a recess in the lever, and turns therein as the lever moves up and down, thereby confining the lever to the circle.

G, being a variable fulcrum, and the lever being confined to the circle K, the point I, instead of describing the arc of a circle, will move up and down perpendicularly, and the object which I have in view will be accomplished.

Having thus described my invention,

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

The stand D, with the circle K, in combination with the vibrating fulcrum G and the lever C, constructed, arranged, and operating substantially as and for the purposes set forth.

The above specification of my invention signed by me, this 10th day of June, 1869.

WM. KEGG.

Witnesses:

FRANK BLOCKLEY,
ALEX. F. ROBERTS.