

(Model.)

S. B. & H. WOOD & T. W. WILEY.  
CHURNING DEVICE.

No. 316,426.

Patented Apr. 21, 1885.

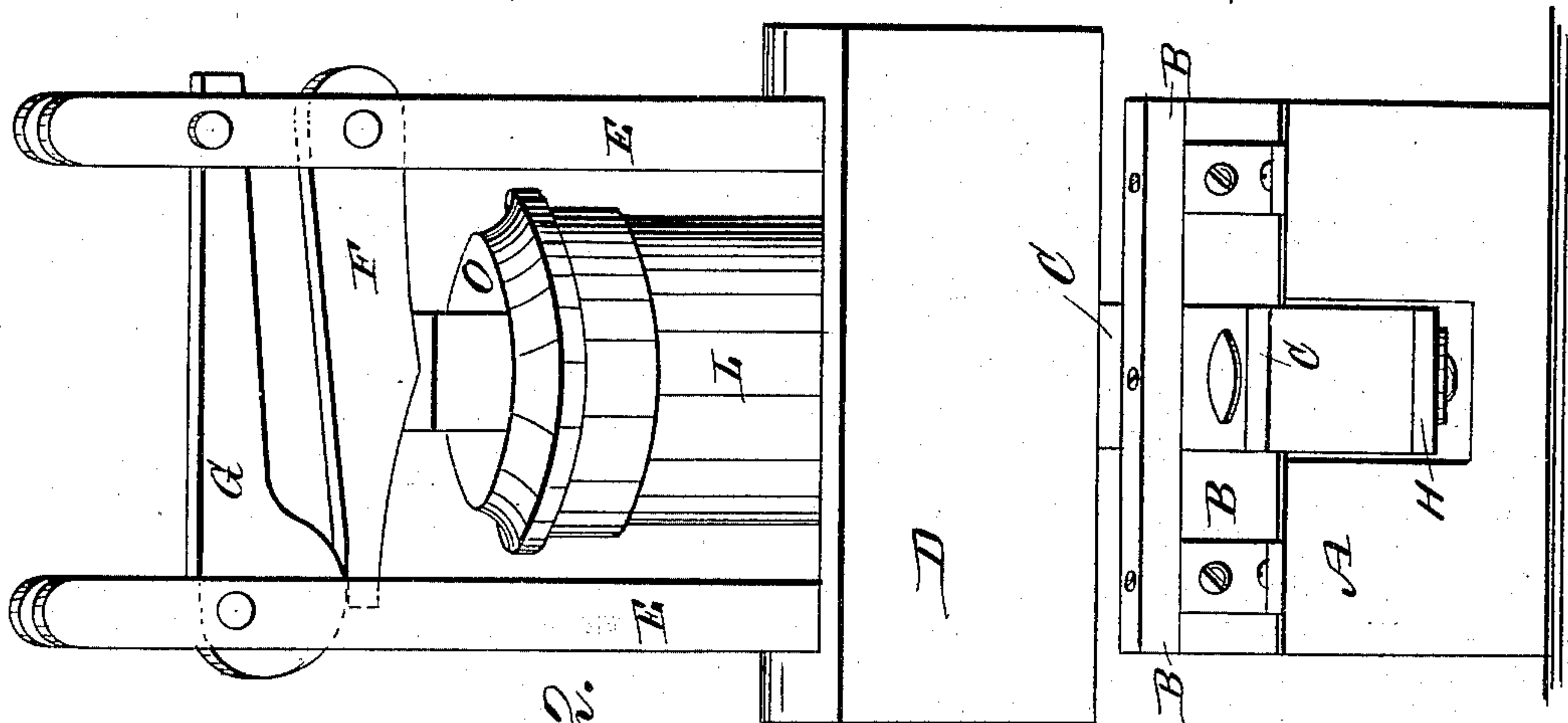


Fig. 2.

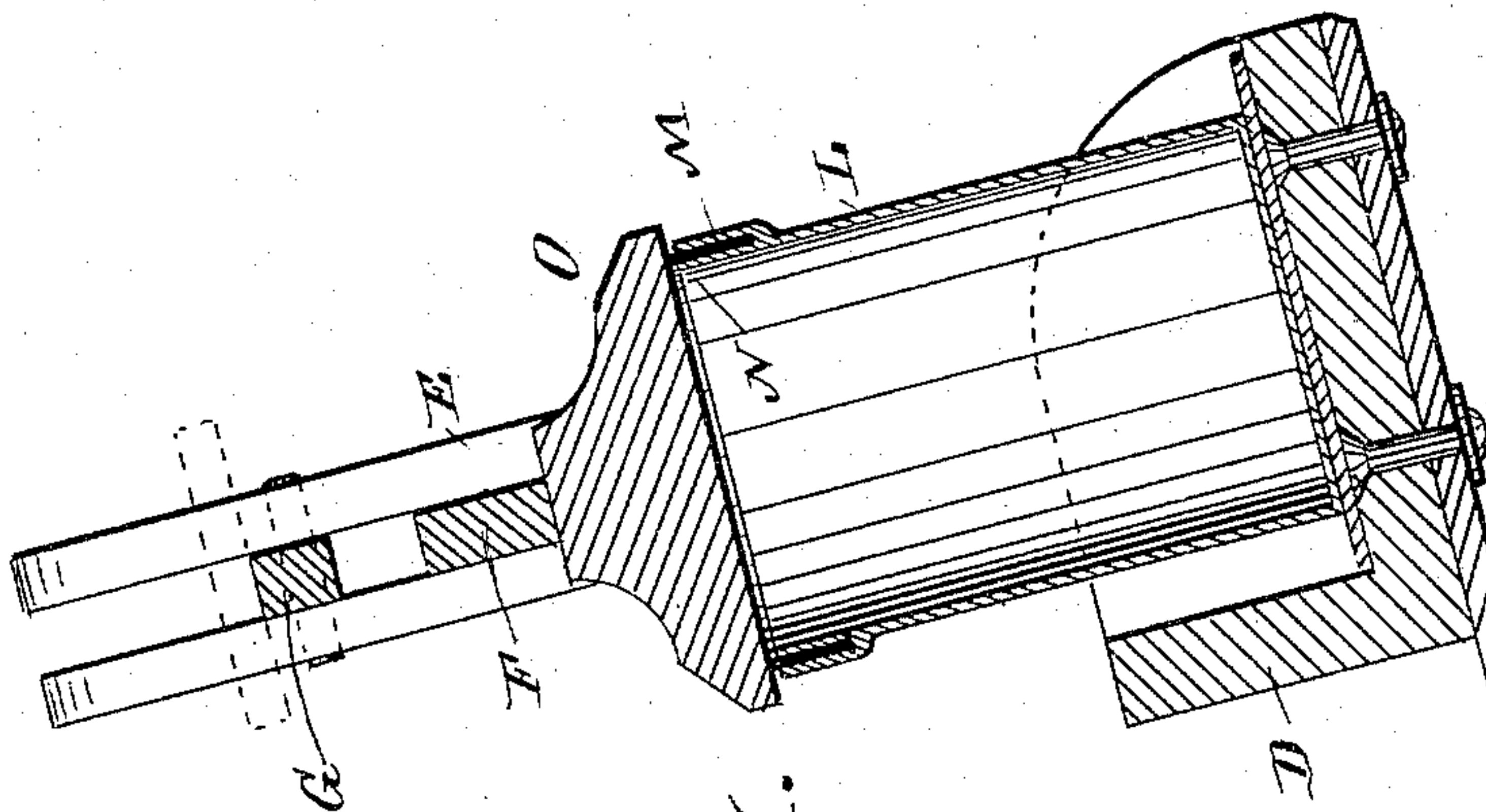
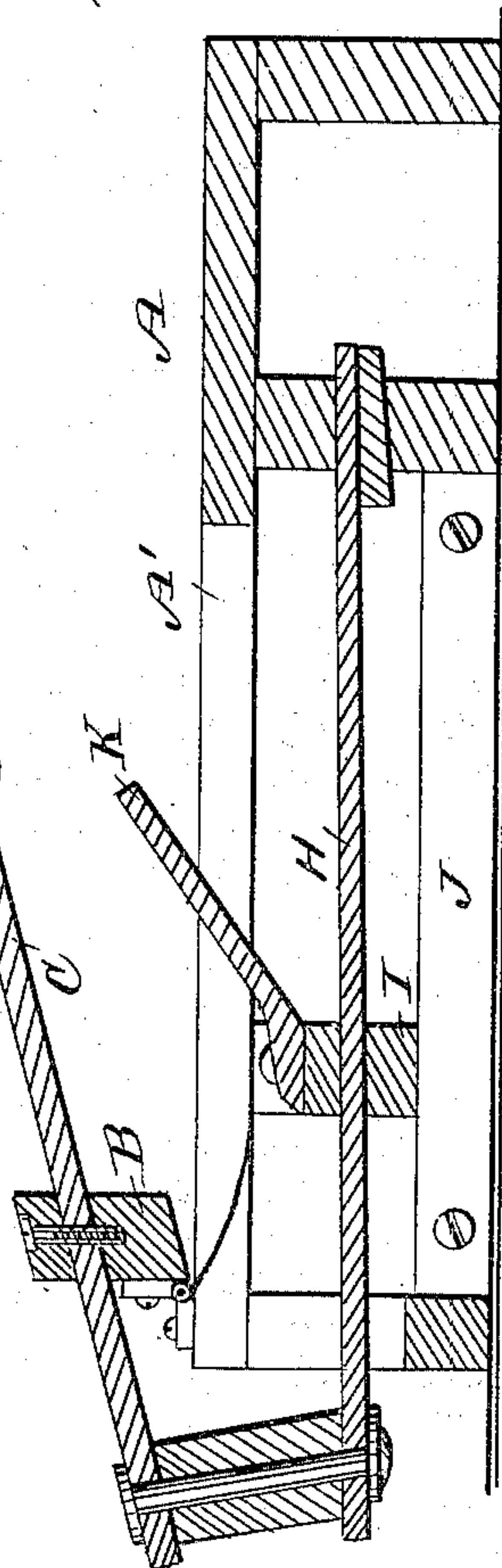


Fig. 1.



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# UNITED STATES PATENT OFFICE.

SYLVANUS B. WOOD, HERVEY WOOD, AND THOMAS W. WILEY, OF CALLISBURG, TEXAS.

## CHURNING DEVICE.

SPECIFICATION forming part of Letters Patent No. 316,426, dated April 21, 1885.

Application filed June 26, 1884. (Model.)

*To all whom it may concern:*

Be it known that we, SYLVANUS B. WOOD, HERVEY WOOD, and THOMAS WILSON WILEY, all residents of Callisburg, Cook county, and State of Texas, have invented a new and Improved Churning Device, of which the following is a full, clear, and exact description.

The object of our invention is to provide an improved churning device; and it consists in the peculiar construction and arrangement of parts, as hereinafter fully described, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal sectional elevation of our improved churning device. Fig. 2 is a rear end view of the same.

On a base frame or box, A, having a longitudinal slot, A', in its top, a cross-bar, B, is hinged at one end, through which cross-bar B a flat bar, C, is passed, which is held in place in the cross-bar B by suitable means, and projects beyond the end of the base.

On the upper free end of the bar C, which is above the base A, a platform or box, D, is held from which a forked standard, E, projects upward at each side. Between the prongs of one standard E a lever, F, is pivoted, and between the prongs of the other standard a cam-lever, G, is pivoted, which is adapted to act on the free end of the lever F.

The lower end of the bar C is bolted on one end of a spring-bar, H, held longitudinally below the slot A', and having its inner end held securely in a cross-piece of the base. The spring-bar H passes freely through a transverse fulcrum-bar, I, the ends of which rest on cleats J, secured on the inner surfaces of the sides of the base-box. A handle-bar, K, projects upward from the fulcrum-bar I through the slot A'.

The cream-can L has an annular groove, M, formed in its top edge, in which a piece, N, of rubber or other packing material is held, the edge of which projects from the top of the can.

A cover, O, is used to close the can.

The operation is as follows: The filled can L is placed on platform D, the cover O is placed on the can, and the lever F swung on

the cover of the can, and is then locked in place by the cam-lever G. The cover O is pressed firmly against the top edge of the packing, and the can is thus closed air-tight. The box or platform D is rocked by a person standing on the base or at the side of the same, and thereby the milk is thrown about in the can and is agitated very thoroughly.

The spring-bar H can be stiffened more or less by moving the fulcrum-bar I a greater or less distance toward the free end of the spring-bar H, thereby decreasing more or less the free projecting part of the spring-bar.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. In a churning device, the combination, with a base and a spring-bar held therein, of a cross-bar hinged to the said base and a churn-carrying bar secured to the said hinged and spring bars, substantially as herein shown and described.

2. In a churning device, the combination, with the base A and the spring-bar H, projecting from one end of the said frame, of the cross-bar B, hinged to the frame, the bar C, secured to the free end of the spring-bar and to the hinged bar, and the churn-holding platform D on the free end of the bar C, substantially as herein shown and described.

3. In a churning device, the combination, with the bar C, of the churn-holding platform or box D, mounted on the end of the said bar, and provided with the forked standards E, the lever F, pivoted to one standard, and the cam-lever G, pivoted in the other standard and acting on the free end of the lever F, substantially as herein shown and described.

4. In a churning device, the combination, with spring-bar H, fixed in base A at one end, of the bar I, held to slide in the base, and having a handle-bar, K, projecting through a slot in the top of the base, the bar C, connected with the spring-bar H, and a can-holding device on the bar C, substantially as herein shown and described.

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