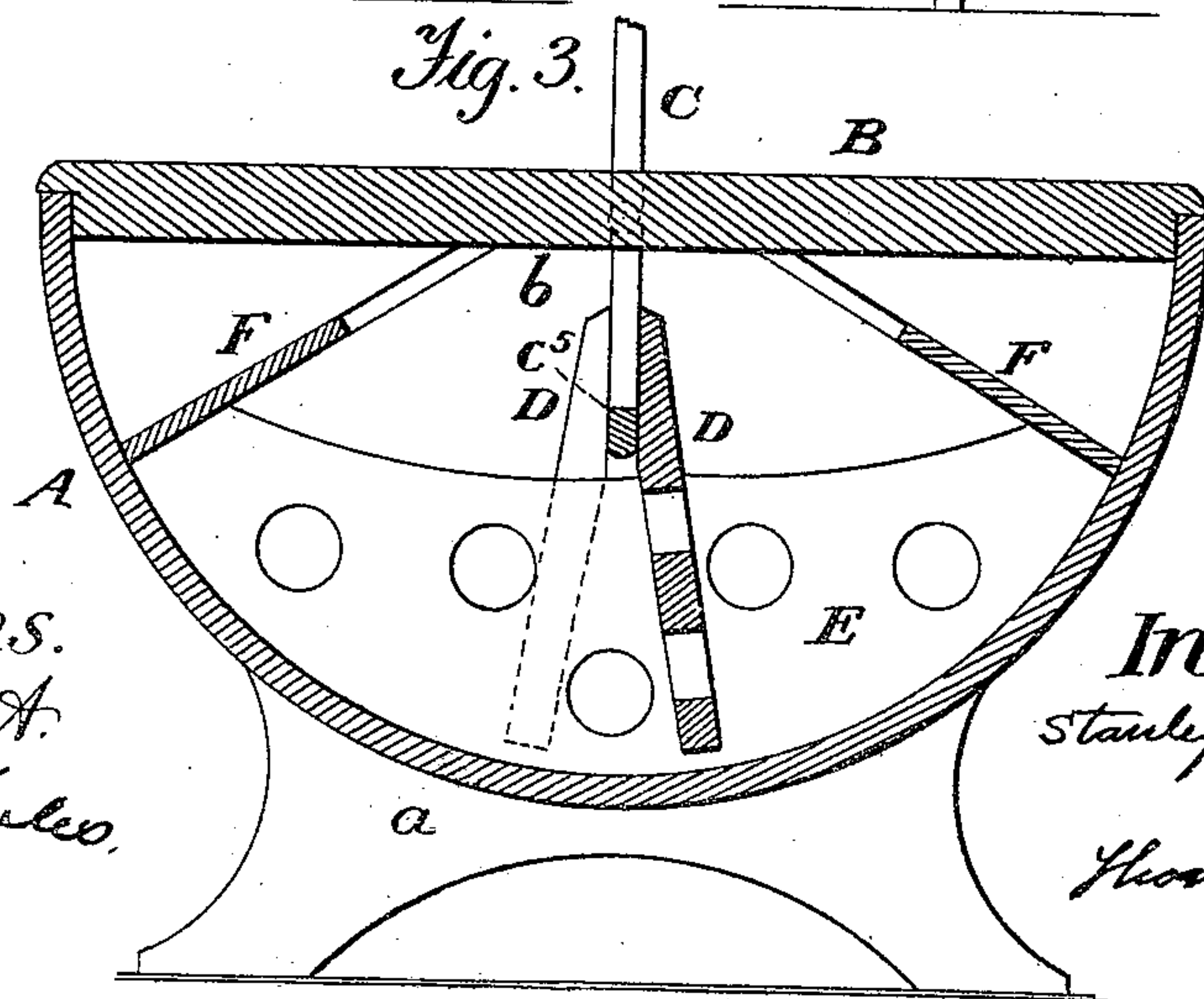
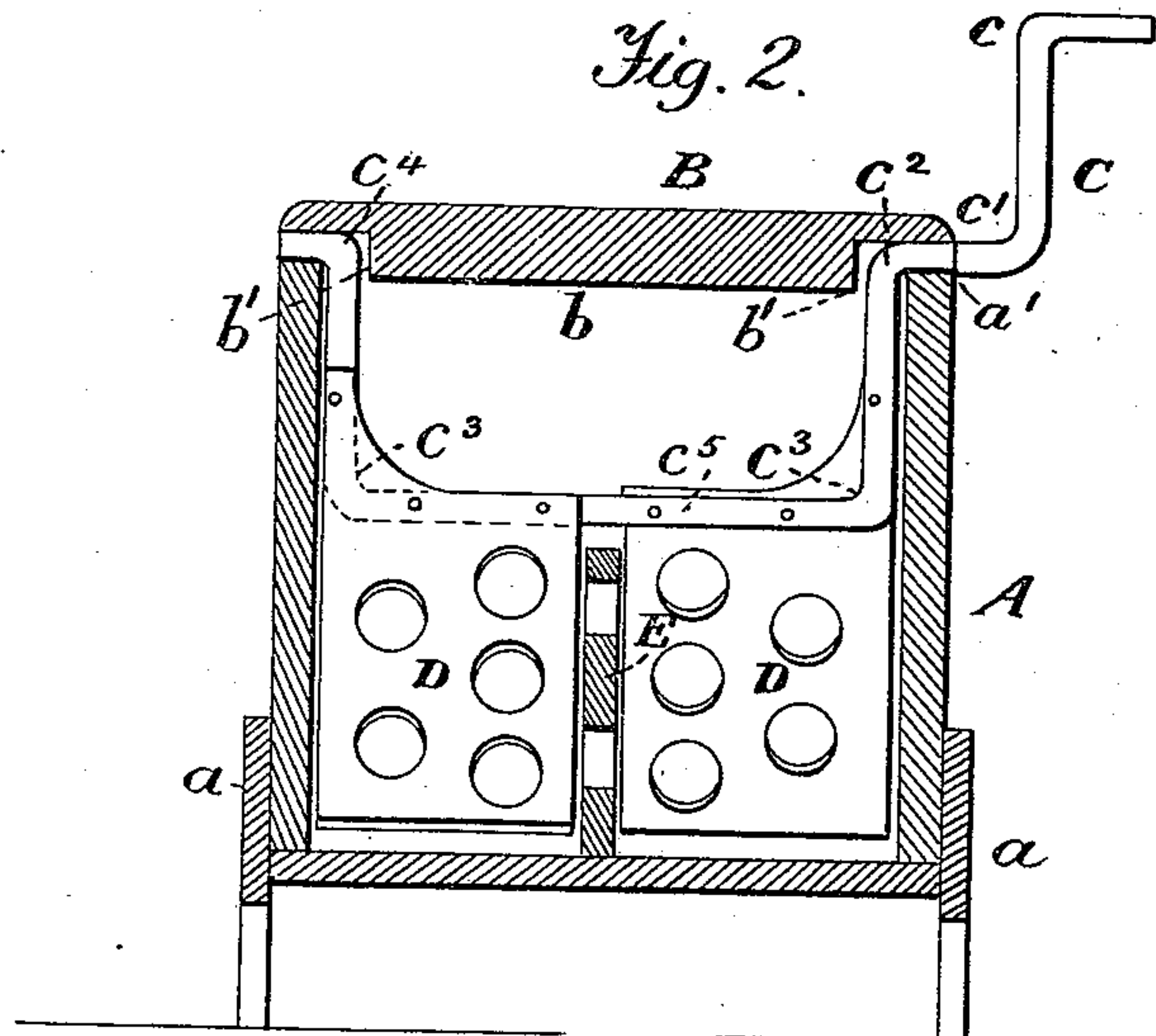
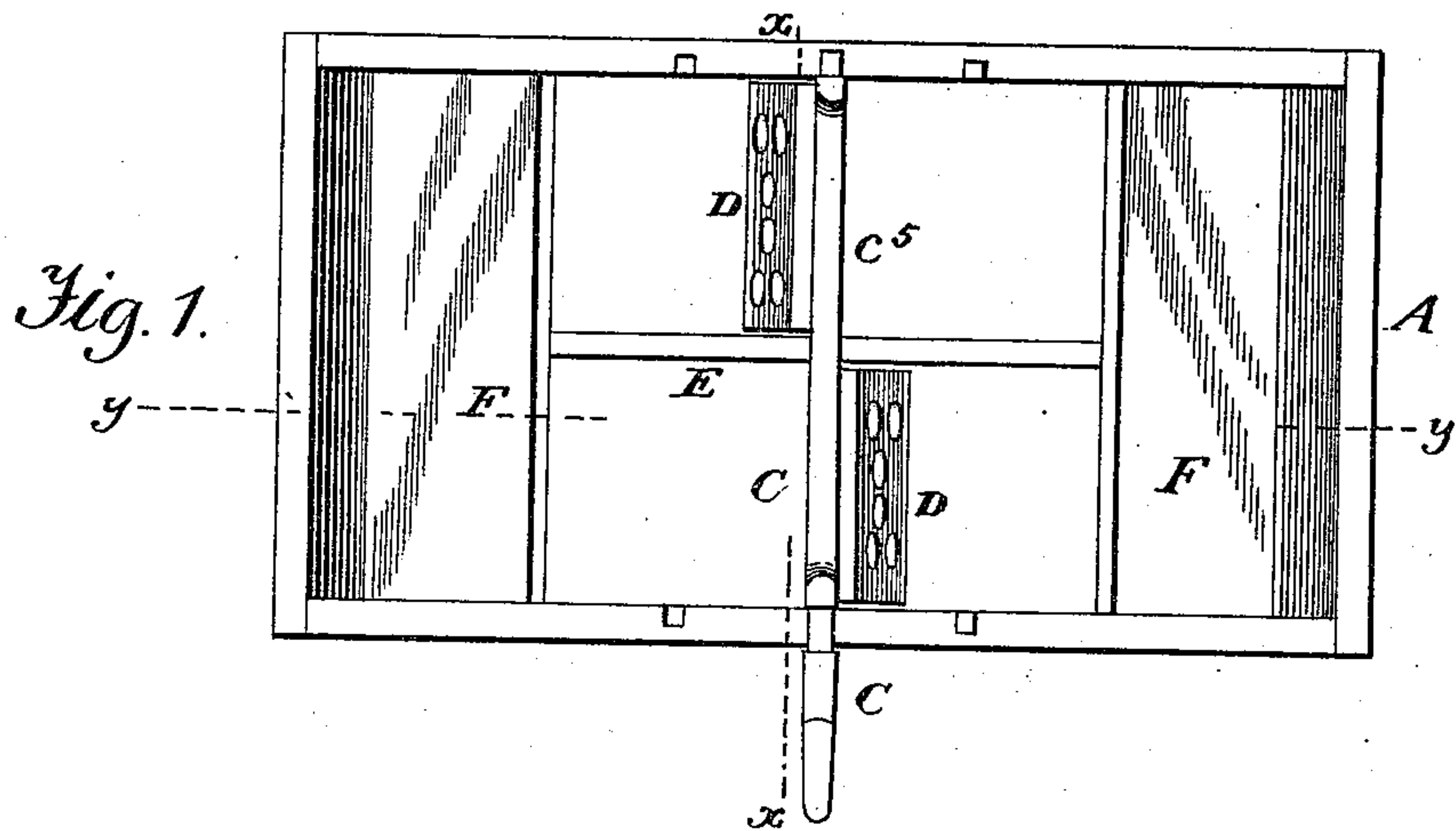


(No Model.)

S. S. BUSGETT.
CHURN.

No. 437,331.

Patented Sept. 30, 1890.



Witnesses.
A. Ruppert.
G. B. Towles.

Inventor.
Stanley S. Busgett
Per
Thomas P. Simpson
att'y.

UNITED STATES PATENT OFFICE.

STANLEY S. BUSGETT, OF BRUSHY FORK, ILLINOIS.

CHURN.

SPECIFICATION forming part of Letters Patent No. 437,331, dated September 30, 1890.

Application filed March 1, 1890. Serial No. 342,271. (No model.)

To all whom it may concern:

Be it known that I, STANLEY S. BUSGETT, a citizen of the United States, residing at Brushy Fork, in the county of Douglas and State of Illinois, have invented certain new and useful Improvements in Churns; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of the invention is to make a vibrating churn which will bring the butter in a short time and require but little muscular power to operate it.

The invention will first be described in connection with the drawings, and then pointed out in the claim.

Figure 1 of the drawings is a plan view with the top of the churn removed; Fig. 2, a vertical cross-section on the dotted line $x x$ of Fig. 1, and Fig. 3 a longitudinal vertical section on the dotted line $y y$ of Fig. 1.

In the drawings, A represents the churn-body provided with the supporting-legs $a a$ and with a cover B. The latter has the surrounding flange b , which rests flat on the flat upper edges of the body A and projects down so as to fit into said body, the sides being cut away at $b' b'$ so as to allow room for the movement

of the crank-shaft C, which is journaled in the bearings $a' a'$, which are open at top. This shaft C has right-angled bends at c, c', c^2, c^3, c^3 , and c^4 , while on opposite sides of the part c^5 , at different ends thereof and with an intermediate space between them, are arranged and fastened the perforated dashers D D. Between them passes the longitudinal partition E, which divides the churn into two compartments of equal size.

The body A is preferably curved on the inside on an arc corresponding to that in which the dashers move, and has also at each end a stop-board F, which limits the vibratory movement of the dashers.

The cream being put in the body A and the cover B put on, the shaft which carries the dashers is vibrated with little labor until the butter has "come."

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

The combination, with the body A, having the bearings $a' a'$, longitudinal perforated partition E, and stop-boards F F, of the crank-shaft C, journaled in bearings $a' a'$, and carrying on its part c^5 the oppositely-placed dashers D D, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

STANLEY S. BUSGETT.

Witnesses:

C. A. REDDEN,
W. S. BUSGETT.