

C. I. Cole.

Churn Dasher.

N^o 87,638.

Patented Mar. 9, 1869.

Fig. 3

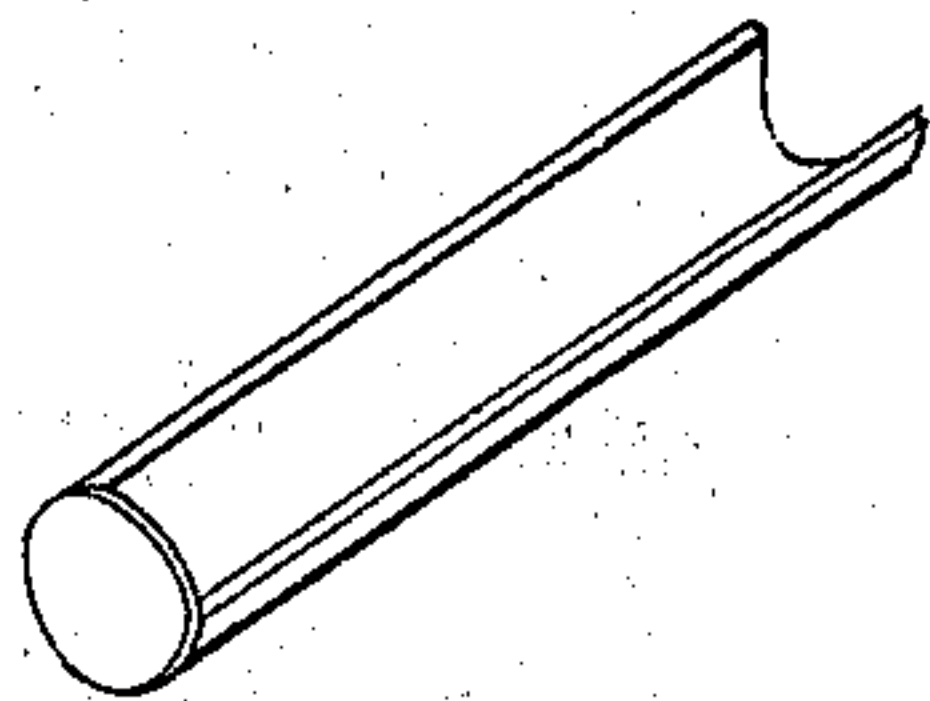


Fig. 1.

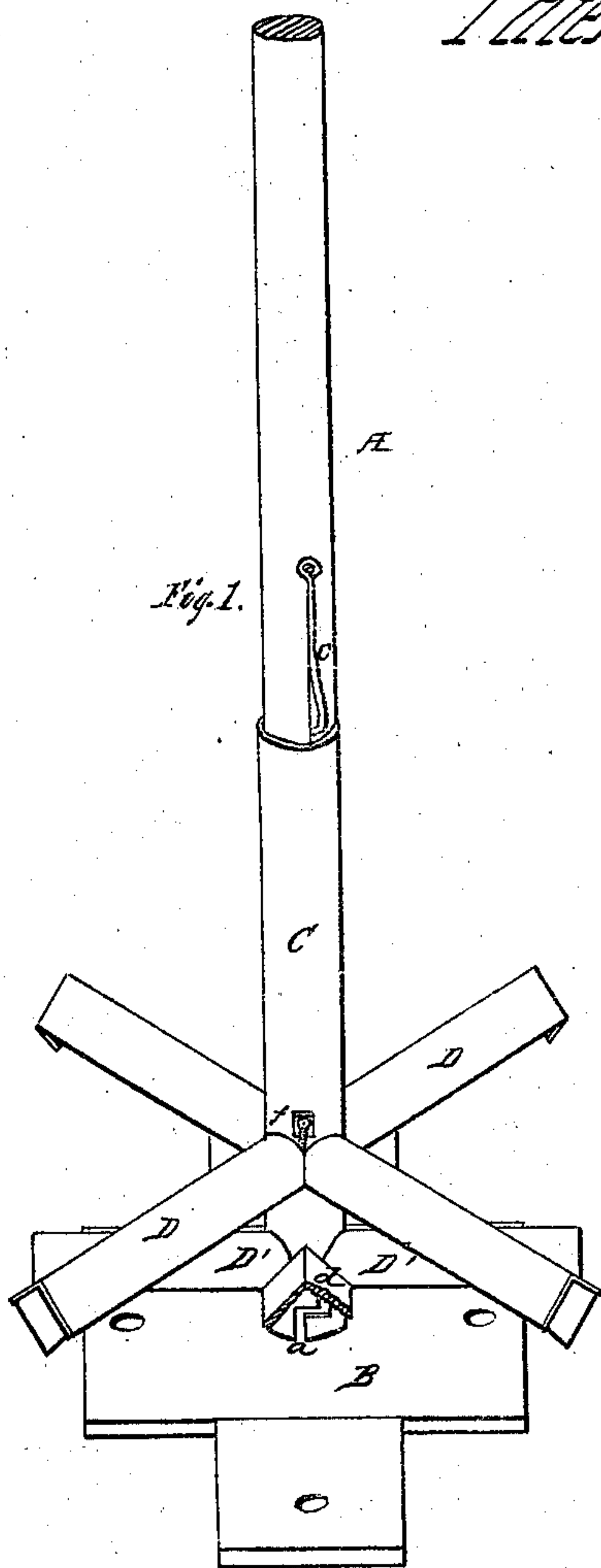


Fig. 4.

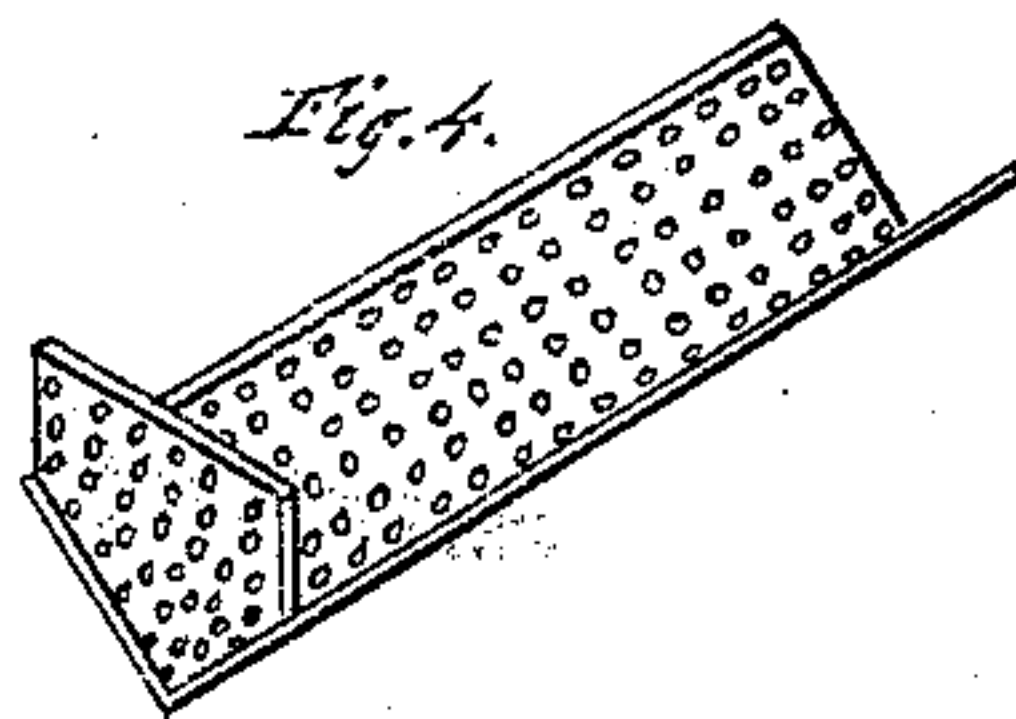
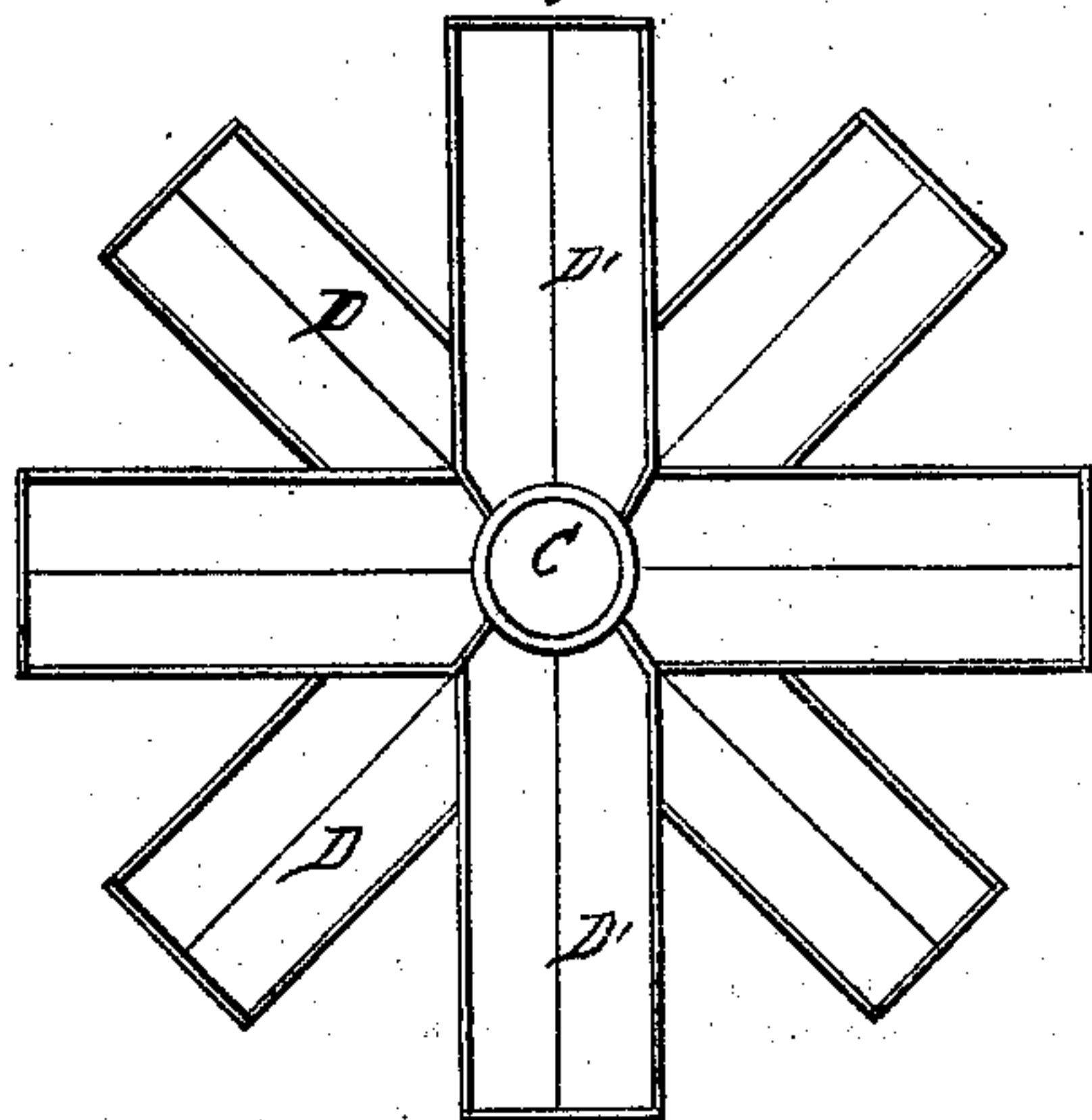


Fig. 2.



Witnesses:

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CHARLES L. COLE, OF BUSHNELL, ILLINOIS.

Letters Patent No. 87,638, dated March 9, 1869.

IMPROVEMENT IN CHURN-DASHER.

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, CHARLES L. COLE, of Bushnell, in the county of McDonough, and State of Illinois, have invented certain new and useful Improvements in Churn-Dashers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 represents a perspective view of my invention,

Figure 2, an inverted view of the same, and Figures 3 and 4 are modifications thereof.

The nature of my invention consists in the peculiar construction and arrangement of the dashers, substantially as will be hereinafter set forth.

To enable others skilled in the art to make and employ my invention, I will now describe its construction and operation.

In the accompanying drawings—

A represents the dasher-staff, which is provided, at its lower end, with an ordinary dash-board, B.

C designates a cylinder supplied to the staff A, and secured thereupon, at its upper end, by means of a spring-catch, c, and at its lower end by a projection, d, fitting into a rectangular slot, a, cut on the said cylinder.

D and D' designate two sets of dashers secured to the cylinder C, as seen in figs. 1 and 2, one set or series being placed so as to cover the space unoccupied by the other set, or as shown in fig. 2, the object of which is to thoroughly churn the butter.

These dashers are constructed with a concave under surface, and supplied at their ends with diamond-shaped pieces, as shown in fig. 1, or the said dashers may be made as seen in figs. 3 and 4.

f is a thumb-screw, passing through the cylinder C, and entering or pressing against the staff A, the object of which is to permit of the cylinder, with its dashers, being placed and held at the desired point.

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

1. The cylinder C, provided with the dashers or arms D D', constructed and arranged substantially as set forth.

2. The cylinder C, dashers D D', spring-catch c, thumb-screw f, rectangular slot a, and projection d, all combined and arranged substantially as described.

In testimony that I claim the foregoing as my own, I affix my signature, in presence of two witnesses.

CHARLES L. COLE.

Witnesses:

M. N. SIEG,
J. T. SANDERS.