

(No Model.)

B. FEARIN.
CHURN DASHER.

No. 438,535.

Patented Oct. 14, 1890.

Fig. 1.

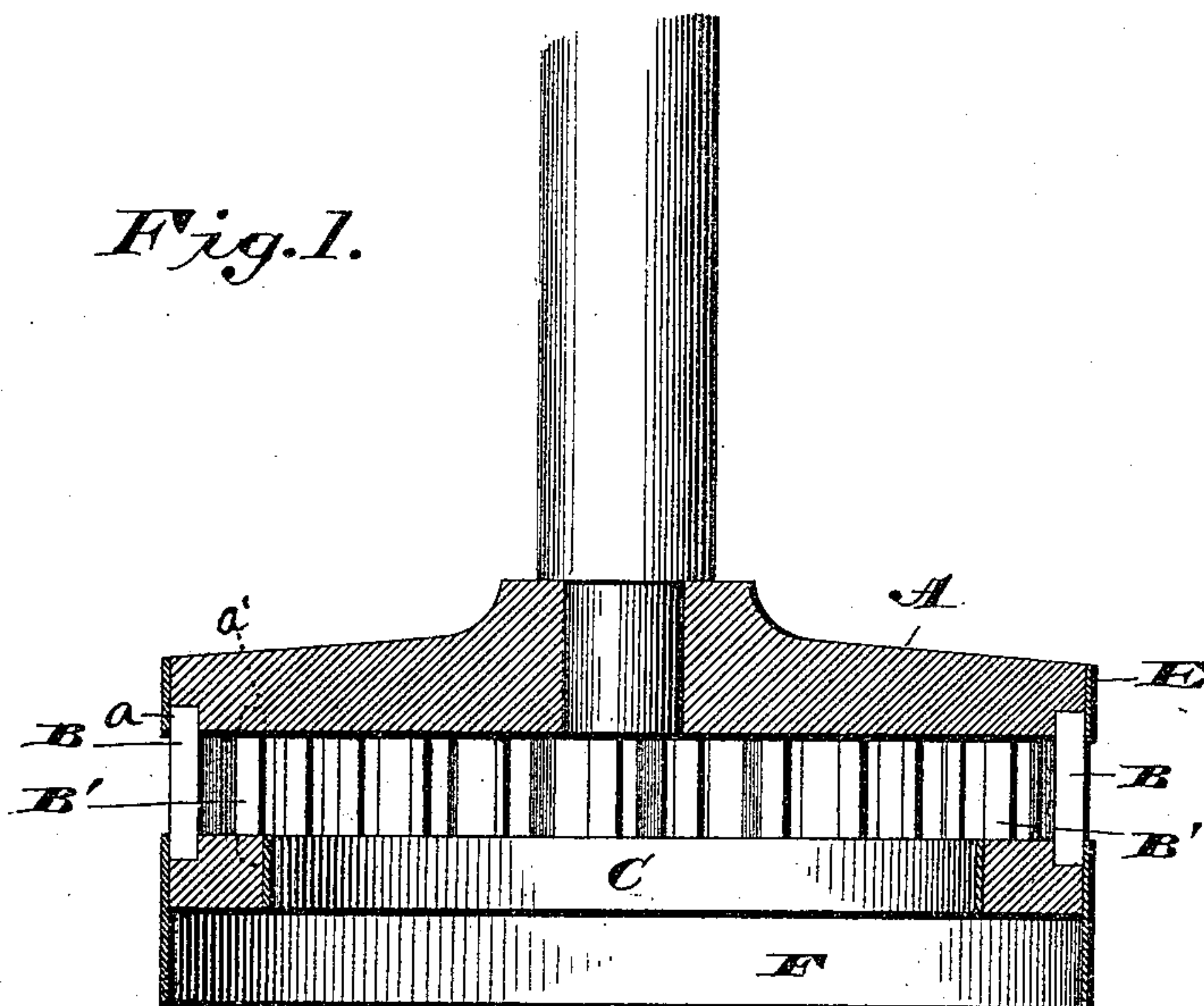
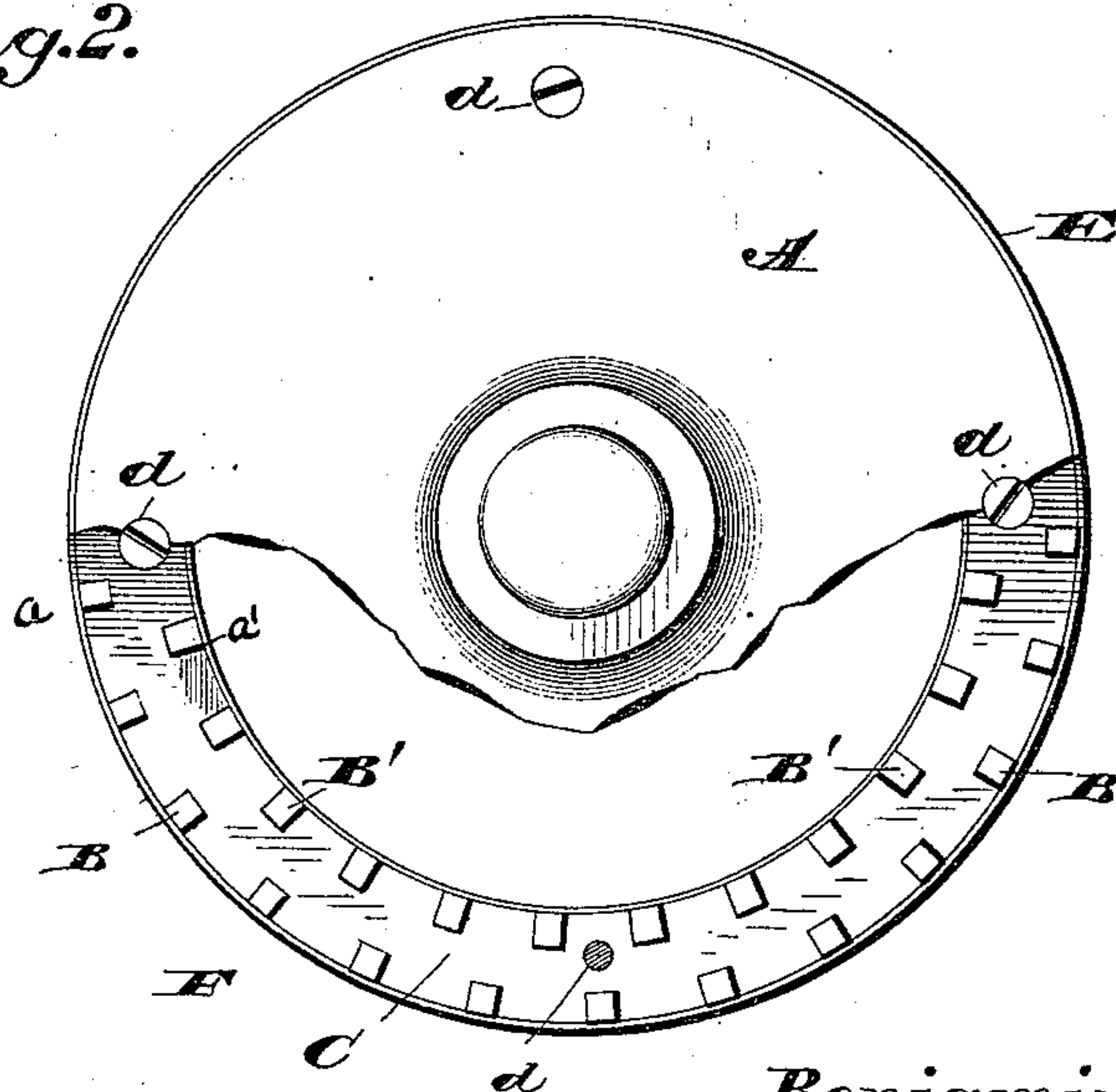


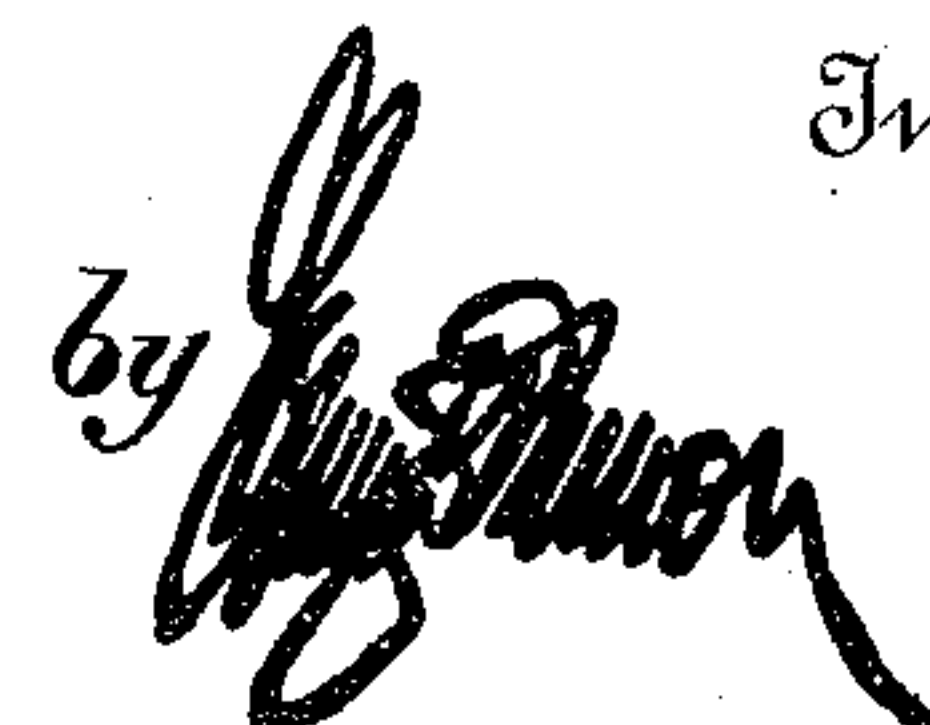
Fig. 2.



Benjamin Fearin.

Inventor

Witnesses
L. S. Elliott,
C. M. Johnson

by  Attorney

UNITED STATES PATENT OFFICE.

BENJAMIN FEARIN, OF MOUNT CARMEL, KENTUCKY.

CHURN-DASHER.

SPECIFICATION forming part of Letters Patent No. 438,535, dated October 14, 1890.

Application filed July 31, 1890. Serial No. 360,503. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN FEARIN, a citizen of the United States of America, residing at Mount Carmel, in the county of Fleming and State of Kentucky, have invented certain new and useful Improvements in Churn-Dashers; and I do hereby 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 letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in churn-dashers; and it consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claim.

In the accompanying drawings, forming a part of this specification, Figure 1 is a vertical sectional view; and Fig. 2, a plan view, partly broken away.

A refers to the upper portion of the dasher, which has a flat under side and is provided adjacent to the edge thereof with a series of indentations *a*, and within the same a series of rectangular recesses *a'*, which are adapted to receive the upper ends of the inner and outer series of rectangular bars or pins, the lower ends thereof resting in recesses formed in the inner and outer edges on the upper side of a ring C, which is securely held in place by means of screws or other fastening devices *d*, which pass through the upper plate or disk A, thereby holding the bars or pins B and B' in position. The outer edge of the disk A is re-enforced or banded by a metallic strip E, while a similar or smaller metallic strip is secured on the inner side of the ring C. The outer edge of the ring C has secured thereto a rim F, which depends considerably below the lower edge of the ring. The rectangular bars or pins B and B' are arranged alternately.

In operation when the churn-dasher is reciprocated either by hand or suitable mechanism on the downward stroke the cream will be gathered into the hollow part of the dasher and will be forced outwardly above the ring C and beneath the disk or plate A, so that it will engage with the angular edges of the bars or pins B and B', which assist materially in releasing the fatty globules from the cream, so that said cream will be readily converted into butter.

By the construction hereinbefore described I have provided a churn-dasher which possesses all the advantages of the ordinary flat dash, which thoroughly aerates the cream and agitates the same.

I am aware that heretofore it has been proposed to construct a churn-dasher with upper and lower flat rings connected by arms made of wire, and I do not claim such construction as my invention; and I consider it important in manufacturing a churn-dasher, as hereinbefore described, that the bars between the disk A and ring C should have sharp angles.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The within-described churn-dasher, composed of a plate A, to which a handle is attached, a ring C below the same, said ring having a vertical depending flange secured to the outer edge thereof, bars B and B', having angular edges secured between the plate A and ring C, so as to alternate with each other, and fastening devices, as screws, for holding the ring C in place, substantially as set forth.

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

BENJAMIN ^{his} × FEARIN.
mark

Witnesses:

T. A. COOK,
I. B. FARROW.