

(No Model.)

B. F. STAGGS.

CHURN.

No. 362,401.

Patented May 3, 1887.

Fig. 1.

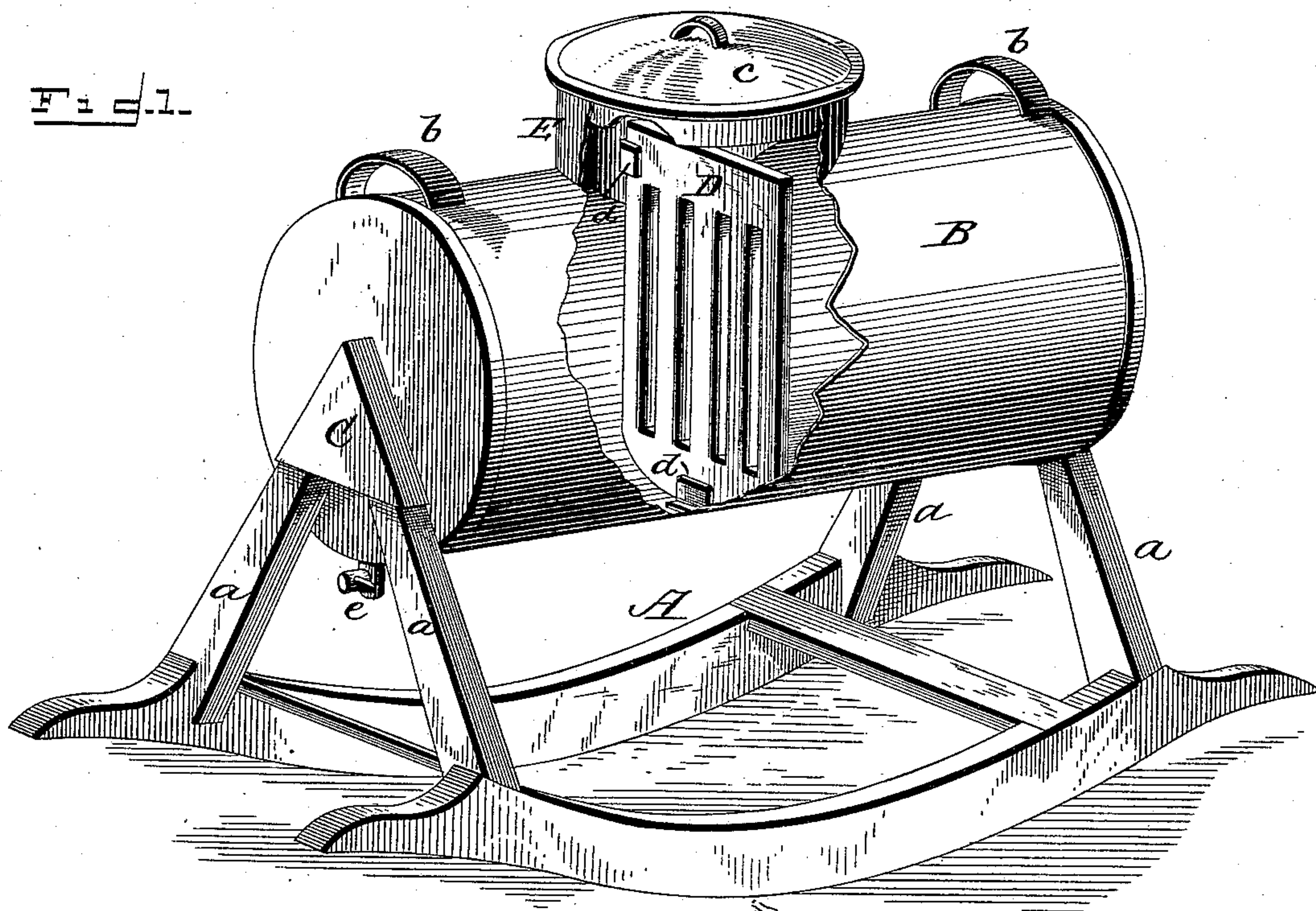
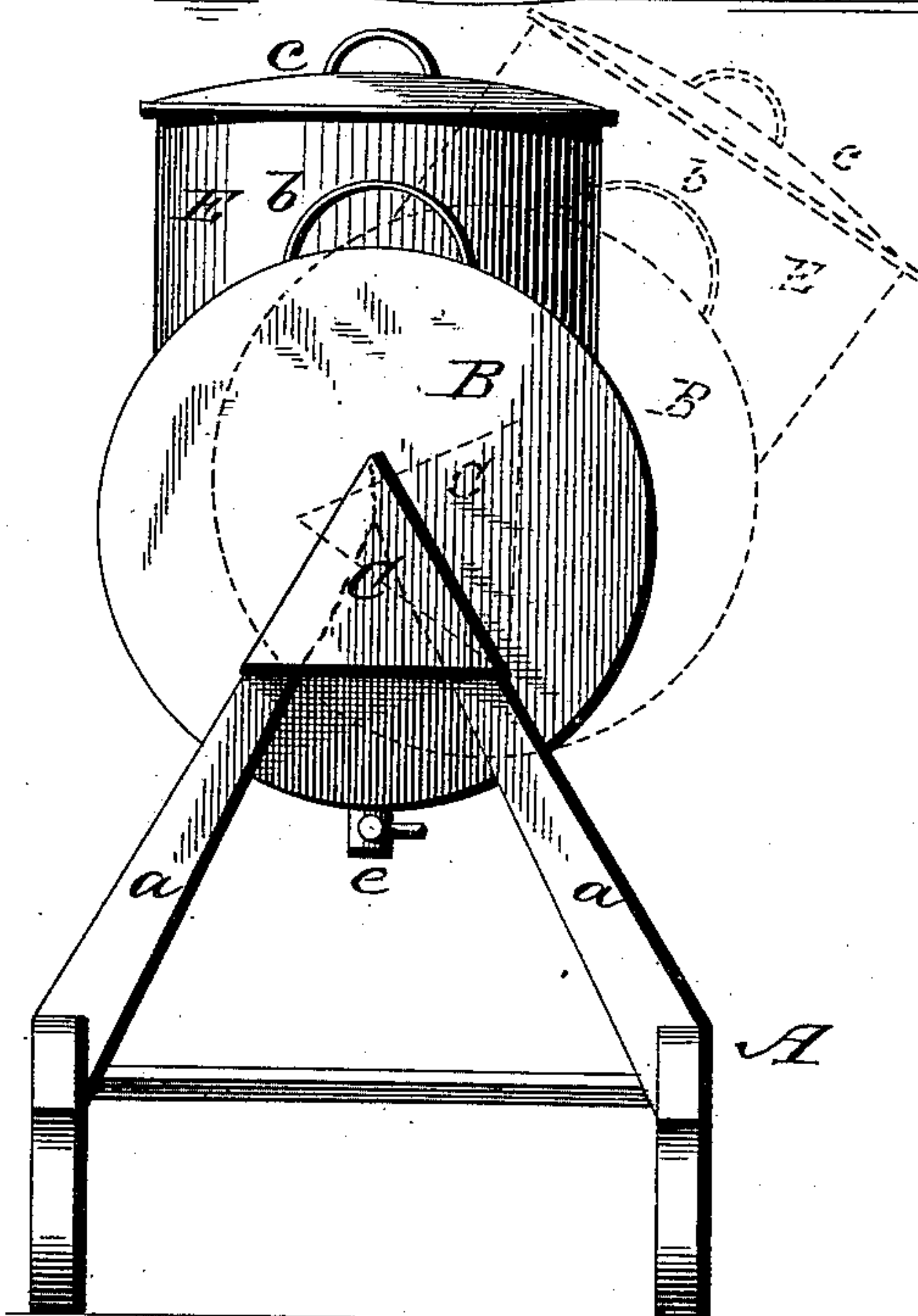


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

BENJAMIN F. STAGGS, OF HENDERSONVILLE, NORTH CAROLINA.

## CHURN.

SPECIFICATION forming part of Letters Patent No. 362,401, dated May 3, 1887.

Application filed February 25, 1887. Serial No. 228,820. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN F. STAGGS, a citizen of the United States, residing at Hendersonville, in the county of Henderson and State of North Carolina, have invented certain new and useful Improvements in Churns; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a perspective view of my improved churn, with the cylinder partly broken away to show the stationary dasher located therein; and Fig. 2 an end view thereof, showing the position of the cylinder in dotted lines to show the manner of removing it from its supporting frame.

The present invention has relation to that class of churns in which the cylinder is mounted upon a rocking frame, and the object thereof is to improve the construction of this class of churns, whereby it can be conveniently removed from the frame, in connection with the other details of construction, which will be hereinafter described, and subsequently pointed out in the claim.

In the accompanying drawings, A represents the rocking frame, the standards *a* thereof being arranged at an angle and approaching each other at their upper ends, at which point they are connected in any suitable manner.

The churn-cylinder B is provided at its ends with angular sockets C, to receive the upper ends of the standards *a*, whereby the churn-cylinder is supported on the rocking frame. The churn-cylinder is also provided at its top and near its ends with suitable handles, *b*, and the cylinder has located within it a stationary dasher, D, extending diametrically across the cylinder, and of sufficient height to extend into a dome, E, closed by a suitable cover, *c*, and is held in position by cleats *d*, or by any other preferred means that will admit of the dasher being removed through the dome E.

The churn-cylinder near one end is provided with a suitable faucet, *e*, for drawing off the milk after the churning has been completed.

By means of the extension which forms the

dome E, access can be conveniently had to the churn for the purpose of cleaning, and also removing the dasher to clean it after the churning has been completed. Without the dome E were provided in this class of churns, the cover *c* would be on the same plane with the body of the churn-cylinder, and without some means of fastening the cover down the milk or cream coming against it in the process of churning would tend to loosen or raise the cover and work out through the opening. Thus by raising the cover some distance above the body of the churn-cylinder I have remedied this difficulty; but the employment of the angular sockets C upon the ends of the churn-cylinder, in connection with the standards *a*, arranged at an angle, as shown, the necessity of lifting the cylinder bodily off the supporting or rocking frame is rendered unnecessary.

When it is desired to remove the churn-cylinder, all that is required is to take hold of the handles *b* and bring it toward you, as shown in dotted lines, Fig. 2, the standards *a* acting as a fulcrum while the cylinder is being disconnected therefrom, and when brought in the position, as shown, it will slide off to one side of the frame without any lifting.

The angle of the sockets C, together with the standards *a*, arranged at a corresponding angle, enables the churn-cylinder to be readily and easily removed from the rocking frame A, when found necessary.

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

In a churn, the combination, with the cylinder thereof provided with handles and angular sockets at its ends, of a rocking frame for supporting the cylinder, having standards arranged at an angle with each other and engaging with said sockets, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

B. F. STAGGS.

Witnesses:

C. M. PACE,  
D. M. HODGES.