

D. W. GEORGE & J. J. STUTZMAN.
Churns.

No. 152,361.

Patented June 23, 1874.

Fig 1

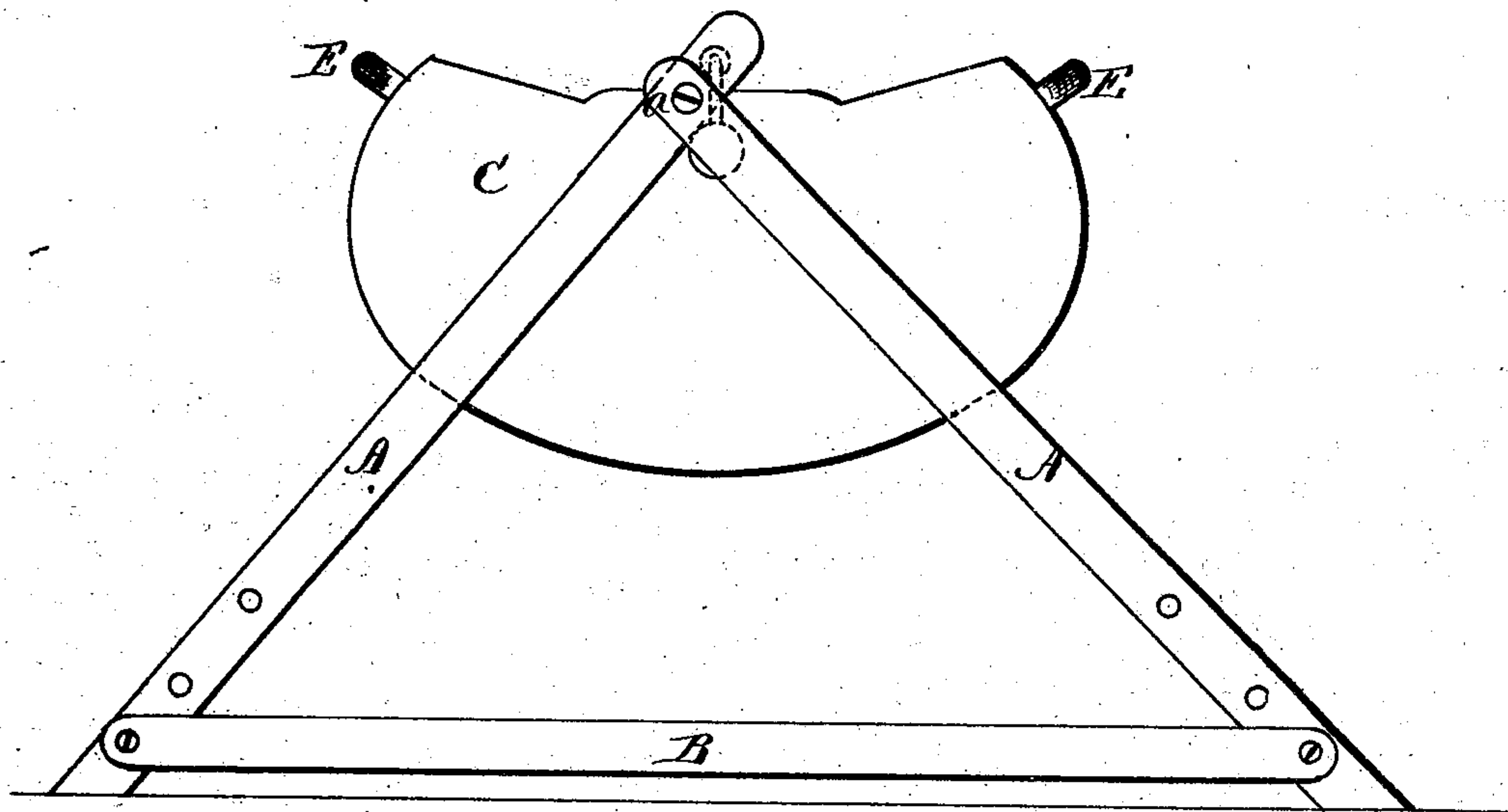
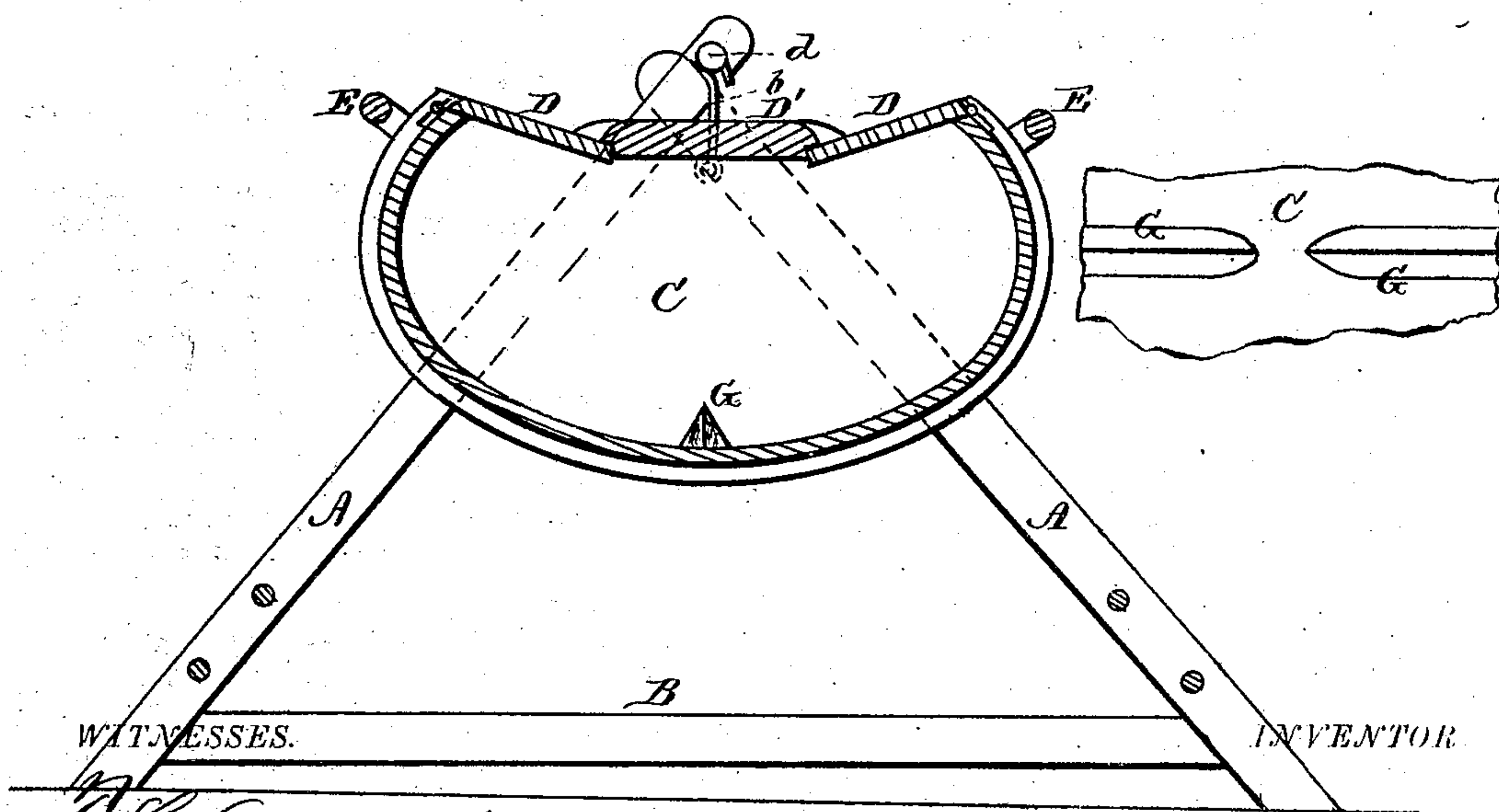


Fig 2



WITNESSES.
A. L. Oursand
C. L. Ewert.

By

D. W. George & J. J. Stutzman.
Alexander M. Mason
Attorneys.

UNITED STATES PATENT OFFICE.

DAVID W. GEORGE AND JOHN J. STUTZMAN, OF PULASKI, IOWA.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. **152,361**, dated June 23, 1874; application filed April 4, 1874.

To all whom it may concern:

Be it known that we, DAVID W. GEORGE and JOHN J. STUTZMAN, of Pulaski in the county of Davis and in the State of Iowa, have invented certain new and useful Improvements in Churns; and 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, making a part of this specification.

The nature of our invention consists in the construction and arrangement of a churn, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side elevation, and Fig. 2 a longitudinal vertical section of our churn.

The frame-work for supporting our churn is composed of two frames, A A, connected at their lower ends by means of a bar, B, on each side, and the side bars on each side are connected at their upper ends by bolts or screws *a*. C represents the churn-box, made somewhat in the form of an ellipse with the upper portion cut off. At each end of the box C is hinged a lid, D, which inclines toward the center; and the middle portion of the churn, between the inner edges of the lids D D, is closed by a lid, D'. The milk breaks against the inclined lids D D and falls back to the center, and when said lids are opened it gives ample room for taking out the butter and airing the churn. E E are handles attached one to each end of the

churn, by which the churn is operated. On the bottom of the churn-box C are attached wedge-shaped ribs or ridges G G, which break the under current of the milk. The churn-box C is suspended in the frame-work by means of hooks *b*, the lower ends of said hooks being pivoted to the sides of the box, and the hooks upon studs *d d* on the inner side of the frame-work.

By this means of hanging the churn a combined rotary and horizontal motion may be imparted to the churn, which is of great benefit in gathering the butter.

When the churn is not in use, the frame-work may be folded up by simply taking out the screws *a*.

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

In combination with the frame-work A B, provided with the studs *d*, the hooks *b b* pivoted to the sides of the churn-box C and connected around the studs *d*, so that the churn-box may have a horizontal rotary motion imparted to it, and may rotate entirely around the studs without changing its normal position with respect to the frame-work, substantially as set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 26th day of February, 1874.

D. W. GEORGE.
J. J. STUTZMAN.

Witnesses:

P. W. YOST,
JEHU DAVIS.