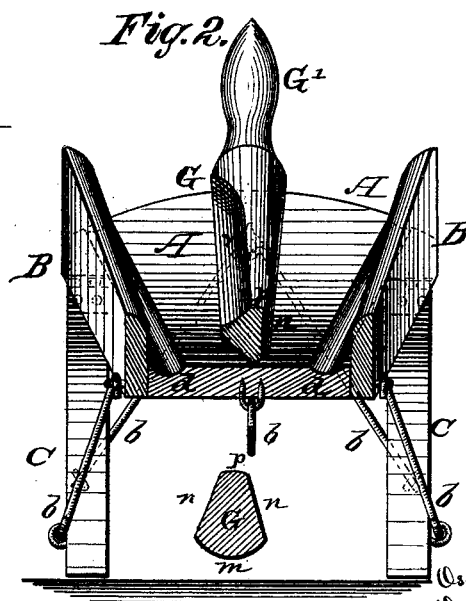
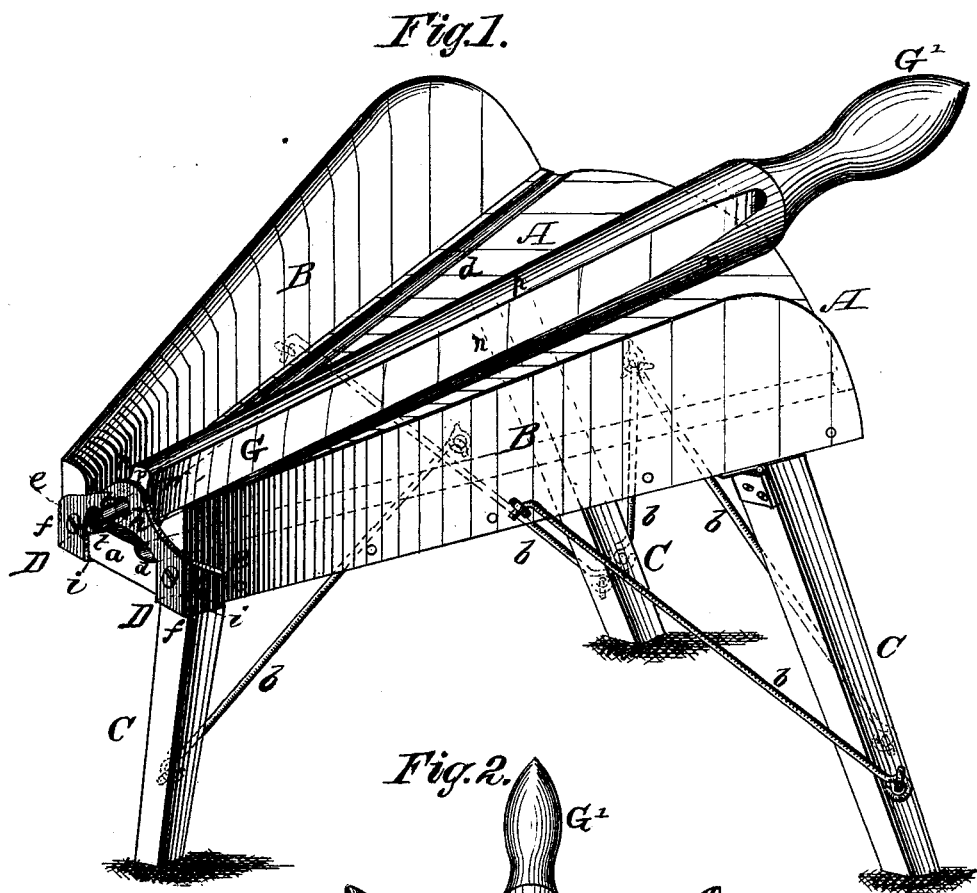


O. S. CORNISH & D. W. CURTIS.

BUTTER-WORKER.

No. 190,707.

Patented May 15, 1877.



Witnesses:

F. Dieterich
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UNITED STATES PATENT OFFICE

OSCAR S. CORNISH AND DAVID W. CURTIS, OF FORT ATKINSON, WIS.

IMPROVEMENT IN BUTTER-WORKERS.

Specification forming part of Letters Patent No. **190,707**, dated May 15, 1877; application filed April 25, 1877.

To all whom it may concern:

Be it known that we, OSCAR S. CORNISH and DAVID W. CURTIS, of Fort Atkinson, in the county of Jefferson and State of Wisconsin, have invented certain new and useful Improvements in Butter-Workers; and we do hereby declare that the following is a full, clear, and exact description thereof, which 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 nature of this invention consists in the construction and arrangement of a butter-worker, as will be hereinafter more fully set forth.

In the annexed drawing, which fully illustrates the invention, Figure 1 is a perspective view, and Fig. 2 is a central vertical section.

A represents the bed or table, made in triangular form, with side pieces B B attached to it and projecting upward for a suitable height, the angle of the table being, however, cut off to form an opening or outlet, *a*, for the buttermilk.

This bed or table is supported in an inclined position by means of three legs, C, one near each corner of the table. These legs are hinged to the under side thereof, so that they can be folded close to it, and the butter-worker put away in small compass when not in use, and thus take up but little room.

The legs C, when spread out to support the table, are braced by means of hooks *b b*, substantially as shown, whereby the entire structure becomes sufficiently firm for all practical purposes.

Along each side, in the upper surface of the bed or table A, is formed a groove, *d*, in which the buttermilk is collected, and through which, owing to the inclined position of the table, it will run down and out at the mouth *a* into any vessel placed under the same to receive it.

Across the mouth *a* of the butter-worker is fastened an iron, D, constructed substantially as shown—that is to say, forming a central arch, *h*, with end pieces *f*, fastened in the ends

of the side pieces B B, and these end pieces provided with wings or lips *e e*, which extend rearward, and are fastened to the outside of the sides B. These lips *e* and end plates *f* are connected on the under side by a cross-piece, *i*, forming, as it were, a socket at each end of the iron, which fits over the corner of the table and sides.

G is the roller with which the butter is worked. This is made round and more or less tapering, of about the same length as the bed A, and at its outer end is formed a handle, G'. Two sides of this roller are cut straight, in such a manner that a cross-section of the roller will show a convexity, *m*, of about one-third of a circle, two straight inclined sides, *n n*, and a small convexity, *p*, connecting the said straight sides.

In the inner end of the roller G thus constructed is inserted a pin, *t*, which is passed through a hole in the center of the arch *h*, and upon which it turns while rotating the roller from side to side of the bed.

By the peculiar formation of the roller G the butter is easily and quickly worked, and all the buttermilk thoroughly expelled from the same.

Having thus fully described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. The roller G, constructed as described, and pivoted at *t*, in combination with the tapering inclined table or bed A, provided with the grooves *d d* and sides B, all constructed substantially as and for the purpose set forth.

2. The tapering roller G, constructed as described, to show in a cross-section the convexities *m* and *p* and the straight inclined sides *n n*, substantially as herein set forth.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

OSCAR S. CORNISH.
DAVID W. CURTIS.

Witnesses:

GEO. W. BURCHARD,
J. P. OLIN.