

J. Lowry, Butter Tub.

No. 92,734.

Patented July 20, 1869.

Fig: 1.

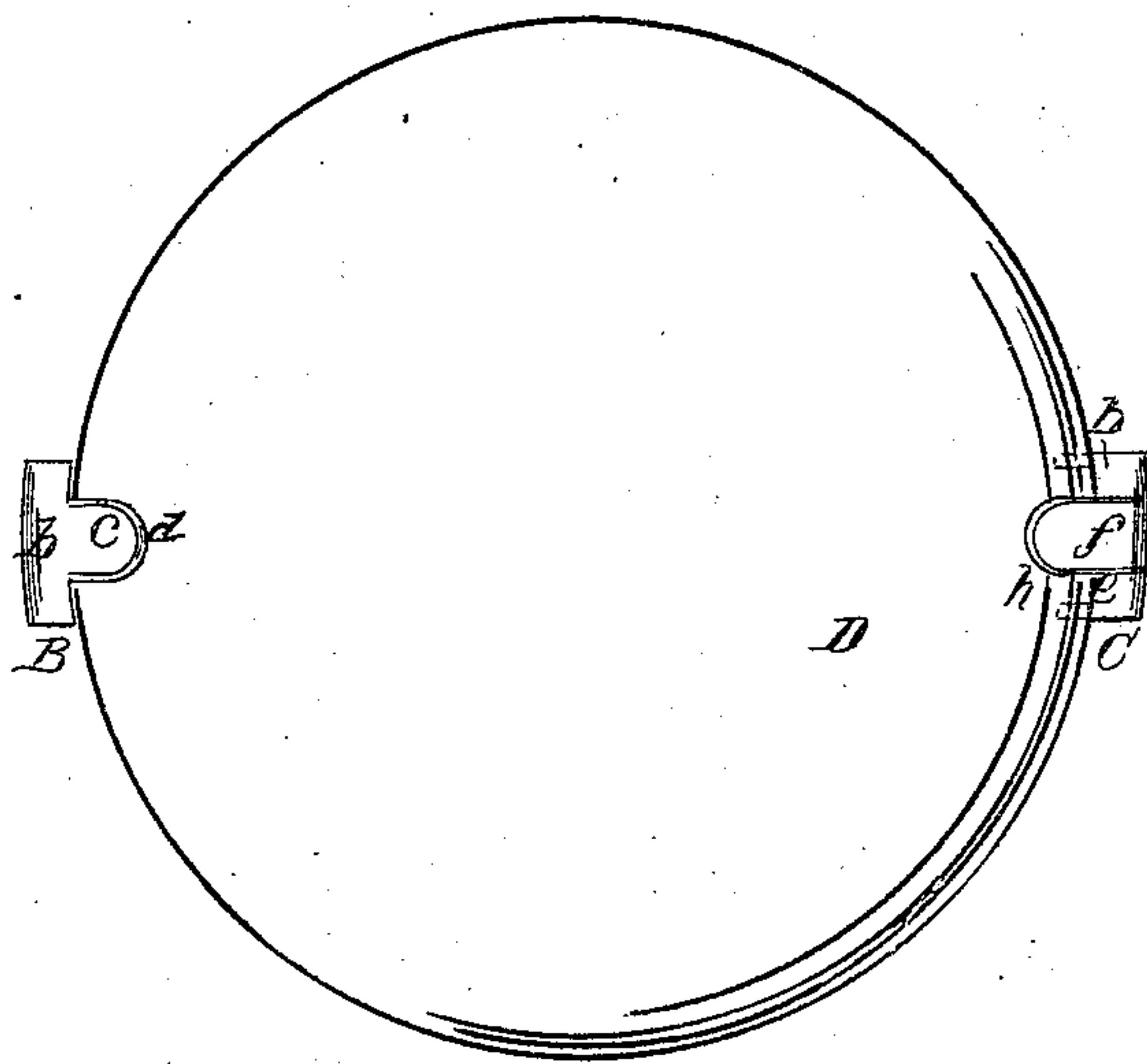


Fig: 2.

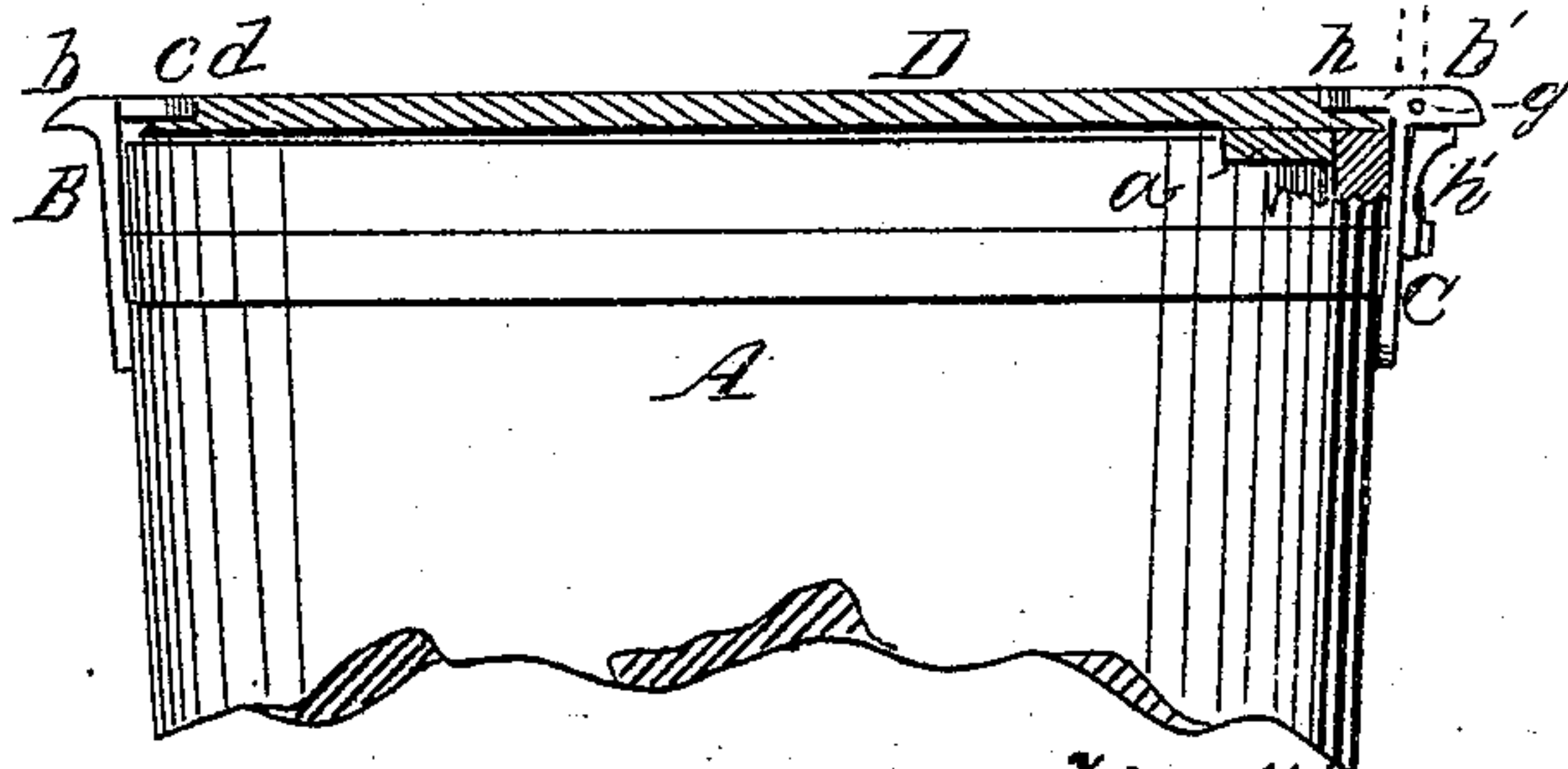


Fig: 3.

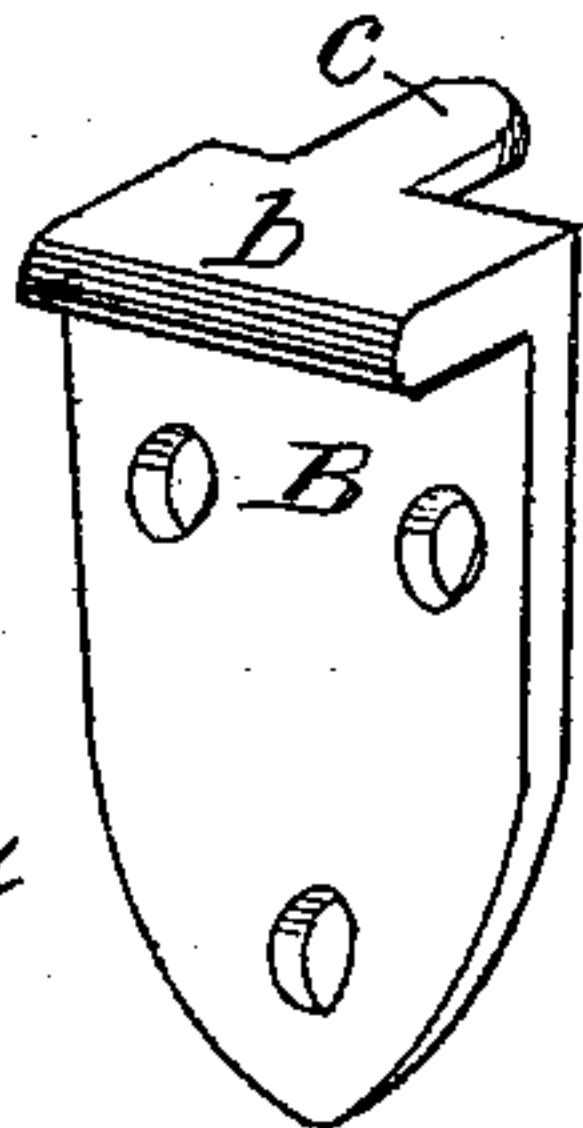
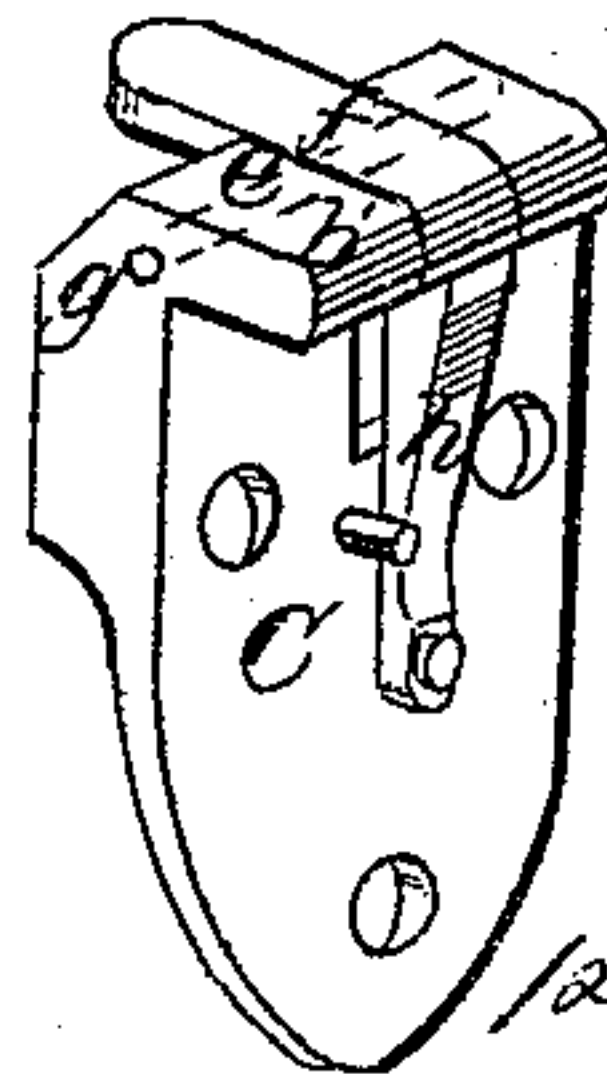


Fig: 4.



WITNESSES.

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DAVID LOWN, OF POUGHKEEPSIE, NEW YORK.

Letters Patent No. 92,734, dated July 20, 1869.

IMPROVEMENT IN BUTTER-TUB.

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, DAVID LOWN, of Poughkeepsie, in the county of Dutchess, and State of New York, have invented a new and useful Improvement in Express Butter-Tubs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to a new and useful improvement in butter-tubs in which butter is conveyed to market or to any distributing depot, from which it is sold to wholesale merchants or to consumers, and the tubs, when empty, returned to the producers.

These tubs are sometimes termed "return butter-tubs," and are designed to be a permanent article of manufacture.

The object of my invention is to obtain a secure fastening for the lid, and one which will not project above the upper surface of the same, and interfere with the placing of the tubs one upon another, and which will also readily admit of the lid being fastened and unfastened with facility, and cause the under surface of the latter to fit snugly upon the butter, so as to exclude a passage of air over the upper surface of the same, and also prevent the admission of water (rain) within the tub.

In the accompanying sheet of drawings—

Figure 1 is a plan or top view of my invention.

Figure 2, a side view of the upper portion of the same, partly in section.

Figures 3 and 4, detached perspective views of the two parts comprising the fastening.

Similar letters of reference indicate corresponding parts in the several figures.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents the body of the tub, which may be made of staves, bound together by hoops, the usual mode of construction, or it may be made in any other suitable manner.

B C represent the two parts which comprise the fastening, and D represents the lid of the tub.

This lid is constructed of one or more pieces, and to its under surface there is secured, by screws, nails, or otherwise, a circular projecting batten, *a*, which is just equal in diameter to the inner diameter of the upper end of the tub, so that when the lid is secured on the tub, the batten will snugly fit into the upper part of the same.

The lid D is equal in diameter to the exterior of the upper end of the tub, and hence laps entirely over the upper surfaces of the staves.

The batten *a*, like the lid, may be composed of one or more pieces, and the latter are secured to the under side of D, so that the grain of the wood of *a* will be at right angles to that of D.

The two parts, B C, which comprise the fastening, are made of cast-iron, malleable or otherwise, their shape being plainly shown in figs. 3 and 4, and they are secured, by screws or otherwise, to the outer side of the tub, and in such position that the upper surfaces of said parts will be flush with the upper surface of the lid D, when the latter is secured on the tub.

The upper ends of the parts B C are cast with an outwardly-projecting lip, designated respectively by *bb'*, and these lips are designed to serve as handles in raising and moving the tub from place to place.

In addition to this outwardly-projecting lip *b* of the part B, there is an inwardly-projecting lip, *c*, which is not more than half the width of *b*, and extends from the centre of the latter. (See fig. 1.)

The lip *c* extends a short distance over the top of the lid D, and a recess, *d*, is made in the lid to receive it, so that the upper surface of the lips *b c* may be flush with the upper surface of the lid when the latter is fitted on the tub; the outer parts of the upper surfaces of the lips *b b'*, of both parts of the fastening, being bevelled or rounded slightly downward, as shown clearly in fig. 2.

The part C of the fastening differs from the part B in some respects.

It has an outwardly-projecting lip *b'*, as before described, but this lip is cast with a central recess, *e*, which is about the same width as the lip *c*.

This recess *e* receives a latch, *f*, which is secured in position by a pintle, *g*, extending entirely through the lip *b'*, the outer end of said latch extending to the outer edge of *b'*, and its inner edge extending inward so as to project over the upper surface of the lid D, about the same distance as the lip *c* projects over it, the lid being provided with a recess, *h*, to receive the inner part of the latch, so that the upper surface of the inner part of the latch will, when the lid is secured on the tub, be flush with the upper surface of the latter.

The latch *f* is allowed to swing freely on its pintle *g*, and its outer end or part is prevented from casually descending, and its inner end from casually rising, by a pivoted button, *k*, which, when turned to a vertical position, has its upper end directly underneath and in contact with the under side of the outer part of the latch.

This swinging latch, it will of course be seen, is a necessity, as it admits of the lid being removed when required.

This is done by shoving the button *k* to one side, so that the inner end of the latch may be raised.

The button *k* is pivoted at its lower end to the lower portion of the part C of the fastening, as shown in figs. 2 and 4.

This fastening may be constructed and applied at a very small cost. It is extremely durable, having no parts which are liable to get out of repair, and no projections extending above the surface of the lid to in-

terfere with a series of tubs being placed one upon another to rest in a firm position.

Having thus described my invention,

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

The fastening for the lid D, composed of the two parts B C, one of said parts, B, having two fixed lips, *b c*, the former of which, *b*, projects outward, and the other, *c*, inward over the lid, the part C also having a

fixed outwardly-projecting lip, *b'*, and a latch, *f*, with a pivoted button, *h'*, underneath; the above-named parts being arranged and combined with a butter-tub and its lid, substantially as herein shown and described.

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Witnesses:

F. W. DAVIS,
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