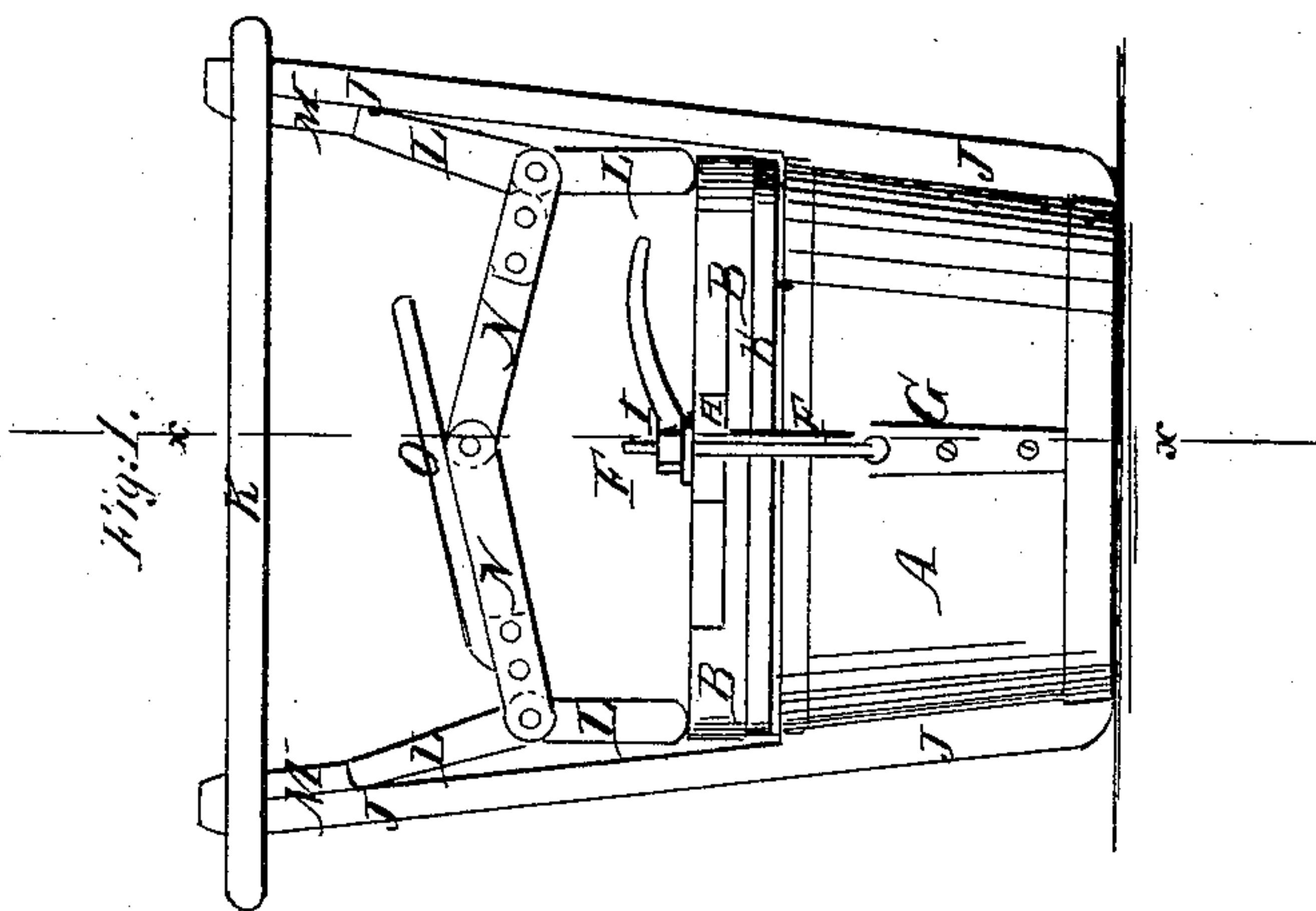
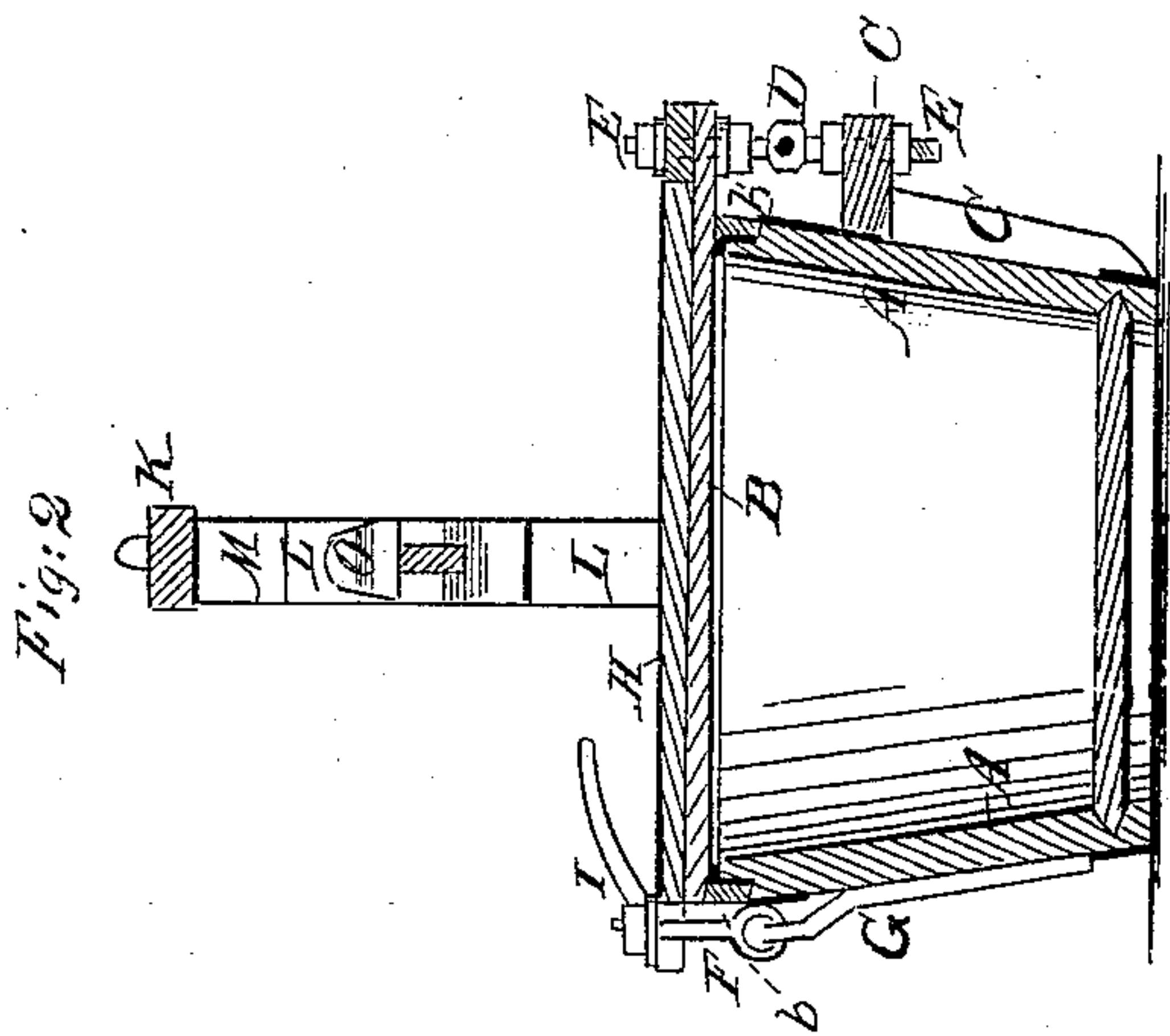


*E. Caswell,
Butter Tub.*

No. 92,701.

Patented July 20, 1869.



Witnesses:

*Winchman
Geo. N. Mabee*

Inventor:

E. Caswell
PER *Mumma & Co.*
Attorneys.

United States Patent Office.

EZRA CASWELL, OF LYONS, NEW YORK, ASSIGNOR TO HIMSELF
AND PHILIP GANSE, JR., OF SAME PLACE.

Letters Patent No. 92,701, dated July 20, 1869.

IMPROVED 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, EZRA CASWELL, of Lyons, in the county of Wayne, and State of New York, have invented a new and useful Improvement in Tubs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a front view of my improved tub.

Figure 2 is a detail sectional view of the same, taken through the line *x-x*, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved means of connecting the cover or lid with and securing it to the body of the tub, so as to make the said tub perfectly tight, and which shall at the same time be simple in construction, effective in operation, and easily and conveniently operated; and

It consists in the construction and combination of the various parts, as hereinafter more fully described.

A is the body of the tub, which is rabbeted around the outer side of its upper edge, as shown in fig. 2.

B is the lid or cover, which is formed with a hoop or flange, *b'*, upon the lower surface of its outer edge, projecting downward, so as to enter the rabbet of the body A.

The joint is made tight by hemp, cotton, or other suitable packing, placed in the rabbet beneath the hoop or flange *b'*.

The rear part of the lid B projects in the rear of the body A of the tub, and is hinged to supports C, attached to the rear side of the tub A by the rod D, which passes through the eyes of the eye-bolts E, adjustably secured to the said projecting part of the cover, B, and to the said supports C by washers and nuts, as shown in fig. 2, so that the hinging point of the said lid or cover may be thrown far enough in the rear of the tub, to allow the said lid to shut down squarely upon the said tub.

F is an eye-bolt, the eye of which is pivoted to the support G attached to the forward side of the tub A.

The bolt F, when turned up, enters a slot in the projecting end of the bar H attached to the upper side of the lid or cover B.

The eye-bolt F is provided with a washer and hand-nut, I, for securing the cover B firmly in its place.

To the sides of the tub A are attached the lower parts of the uprights J, the upper ends of which are connected by the cross-bar K, which not only supports the upper ends of the said uprights J, but also serves as a handle to the tub.

L are two pairs of toggle-bars, the ends of the lower bars of which rest upon the upper side of the cover B, and the ends of the upper bars of which rest against shoulders or stops M, formed upon or attached to the upper parts of the uprights J, as shown in fig. 1.

N are toggle-bars, the ends of which are pivoted to the toggle-bars L at their joints, as shown in fig. 1, thus forming a triple toggle-joint.

O is a stop-bar attached to the upper side of one of the bars N, and projecting over the other one of said bars, to prevent the said toggle-bars from dropping down out of line.

This device enables the cover B to be firmly forced down and locked upon the tub A.

Having thus described my invention,

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

1. In combination with the tub A, rabbeted on its upper edge, the cover B, provided with the flange *b'*, the rod D, the eye-bolt E, and its nut, the supports C, eye-bolt F, nut I, and the bar H, all arranged substantially as herein shown and described, for the purpose specified.

2. The toggle-bars L N, in combination with the frame J K M and cover B of the tub, substantially as and for the purpose set forth.

The above specification of my invention signed by me, this 6th day of May, 1869.

EZRA CASWELL.

Witnesses:

J. W. VAN ETTER,
MICHAEL CHRISTMAN.