

D. M. Lockridge.

Clamp for Butter Firkins.

N^o 96,451.

Patented Nov. 2, 1869.

Fig. 1.

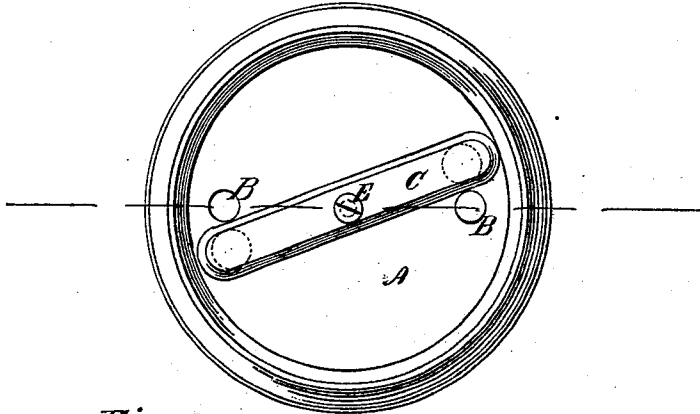
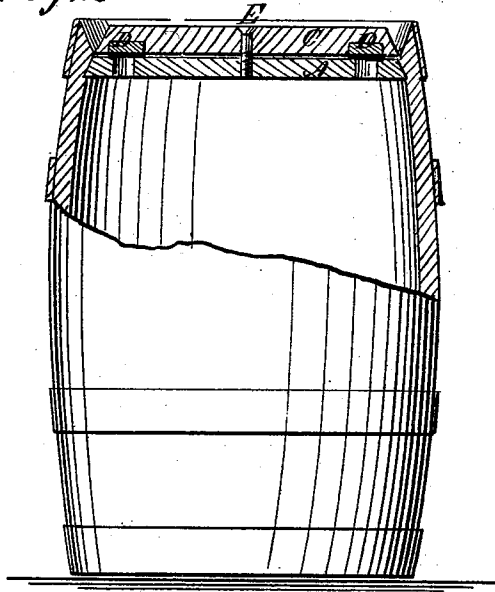


Fig. 2.



Witnesses:

Geo. H. Brooks

Frank B. Kelley

Inventor:

D. M. Lockridge

PER

M. M. [Signature]
attys

United States Patent Office.

D. M. LOCKRIDGE, OF OTTO, NEW YORK.

Letters Patent No. 96,451, dated November 2, 1869.

IMPROVEMENT IN CLAMPS FOR BUTTER-FIRKINS.

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, D. M. LOCKRIDGE, of Otto, in the county of Cattaraugus, and State of New York, have invented a new and useful Improvement in Firkins and Tubs for Butter and other substances; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of this invention is to provide firkins, tubs, and other vessels, for packing butter, lard, and other like matters, by which access may be had to the contents, for inspection, without the labor of loosening the hoops and removing the head, which allows the brine to run out, greatly to the disadvantage of the butter as to preservation.

My invention consists in providing one or more holes through the firkin or tub, preferably at the head, for the insertion of the inspector's trier, and in hermetically closing them by a button or clamp, provided with India rubber, or other suitable packing-substance, clamped down upon the said opening by a screw, which may be started out a few turns when access is desired, so that the clamp may be turned away from over the holes.

Figure 1 represents a plan view of a vessel for packing butter, lard, or other like substance, provided with my improvements; and

Figure 2 represents a sectional elevation of the same.

Similar letters of reference indicate corresponding parts.

A represents the head, which I provide with one or more inspection-holes, B.

C represents a clamp or button, having India-rubber or other suitable flexible packing-disks, D, suitably inserted in its lower face, to fit down upon the head above and around the holes, and having a central clamping-screw, E, for screwing into the head and clamping the packing-disks down, so as to pack the holes permanently against the admission of air, and to prevent the escape of brine, while *in transitu* or storage.

For inspection, these clamps may be readily removed by starting the screws and turning the clamps thereon; and they are as readily made tight again after inspection, without any damage to the tub or loss of brine, which is very damaging to butter, and which invariably results when the heads are taken out, and which is very liable to occur when holes are bored and plugged, as the plugs work loose very frequently.

Having thus described my invention,

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

A screw-clamp, C, with packing-block or blocks D, for closing the inspection-hole or holes B, substantially as herein shown and described.

The above specification of my invention signed by me, this 17th day of July, 1869.

D. M. LOCKRIDGE.

Witnesses:

RALPH DEWEY,
ELISHA DAKE.