

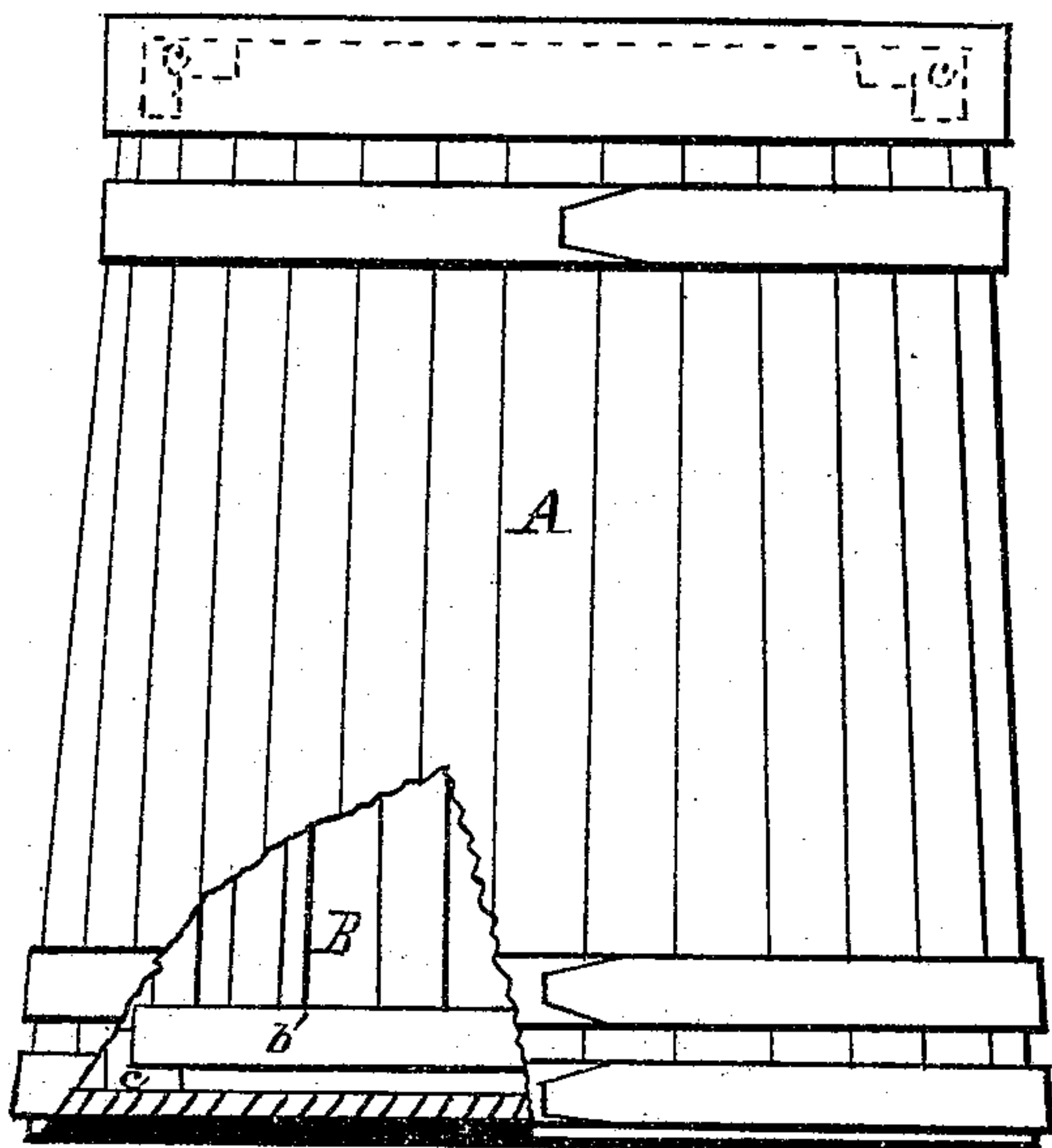
J. W. SCANLAND.

BUTTER TUB.

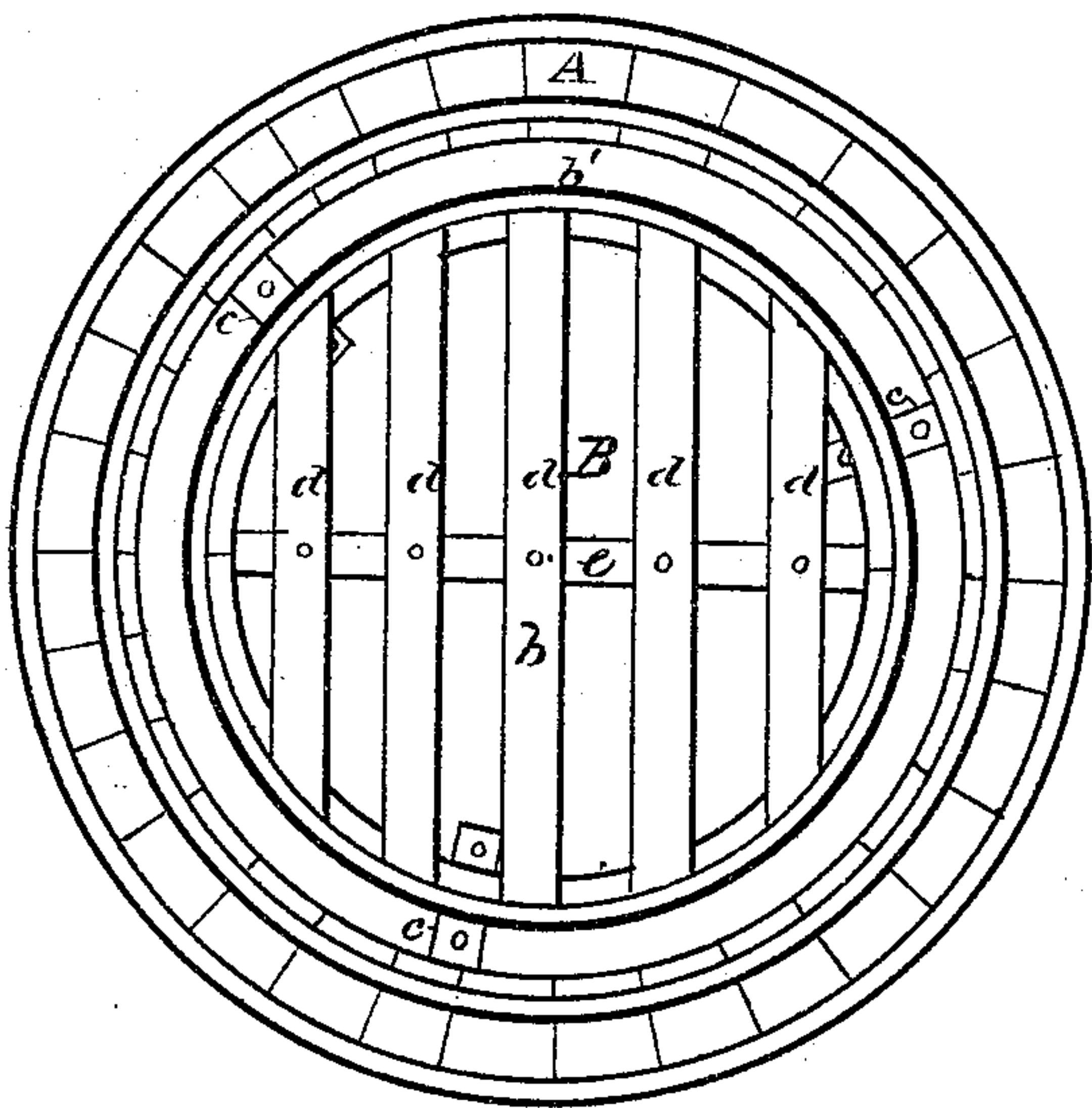
No. 179,428.

Patented July 4, 1876.

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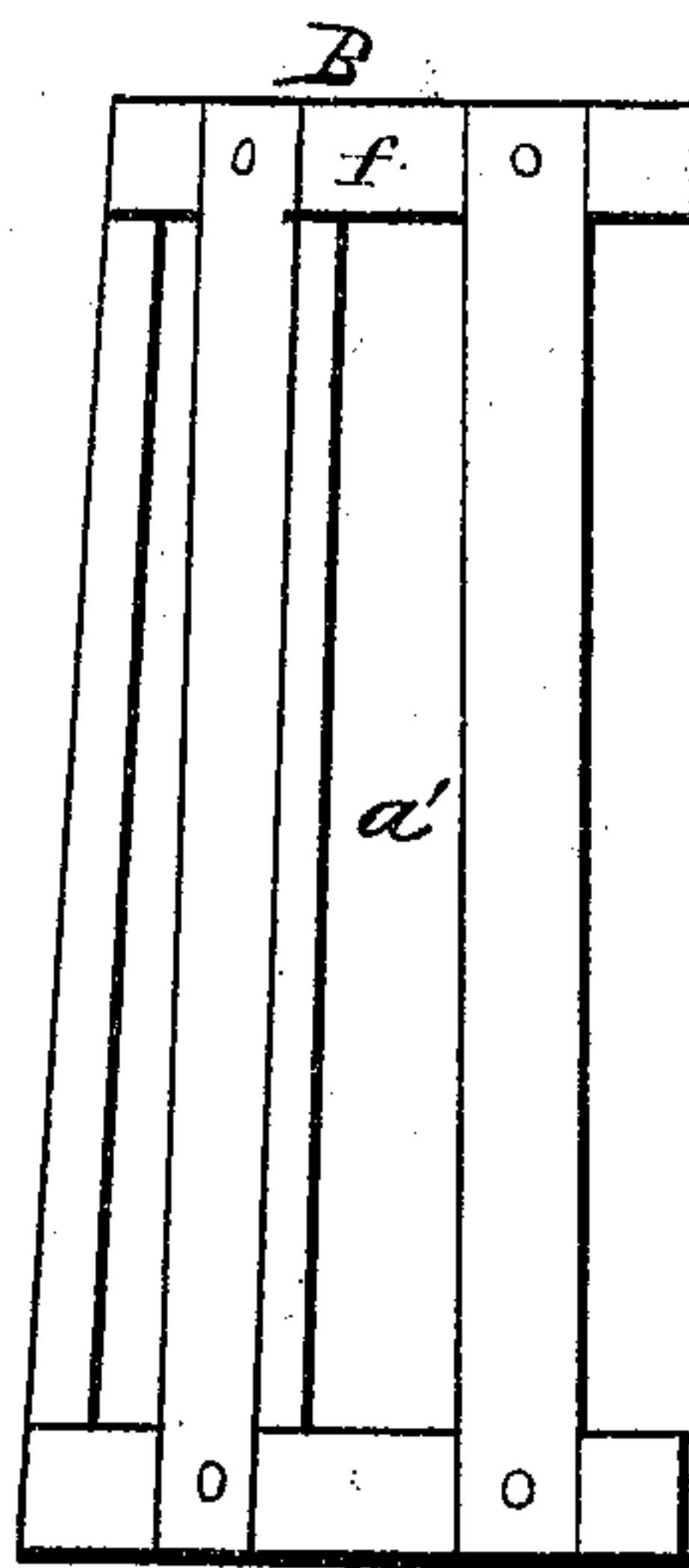


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Attest, J. C. Monroe
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UNITED STATES PATENT OFFICE.

JOHN W. SCANLAND, OF SELMA, OHIO.

IMPROVEMENT IN BUTTER-TUBS.

Specification forming part of Letters Patent No. **179,428**, dated July 4, 1876; application filed April 27, 1874.

To all whom it may concern:

Be it known that I, JOHN W. SCANLAND, of the village of Selma, in the county of Clarke and State of Ohio, have invented certain Improvements in Butter-Tubs, of which the following is a specification:

My invention consists in a tub or firkin, provided with an inner receptacle for the butter, which latter is constructed of slats or staves, with alternate openings between them. It is in two halves, being divided vertically, and is held together by a top and bottom hoop, which slip on the ends. Each half section of the crate is constructed with a half-circle hoop at the ends, (which is fastened to the ends of the slats by wooden pin,) so that when the two parts which form the shell of the crate are placed together they form the cylindrical shape of the exterior tub. The two ends of the crate are also constructed of open slats, and are made independent of the outer part of it, so as to fit loosely in the bottom and top of the same. The butter-crate is smaller than the tub, an annular space surrounding it inside the tub, so as to allow the brine in which the crate is immersed to cover as much of the surface of the rolls or prints of butter as possible, in order to keep it sweet and wholesome for a greater length of time than can be done by packing the butter in tubs in mass. A space is also left in the bottom of the tub under the crate, it being supported upon three L-shaped wooden blocks, which are fastened in the bottom equidistant from each other. A space is likewise left under the lid of the firkin, between it and the crate, to allow the brine (when the firkin is filled) to completely cover the entire crate and its contents. To hold the slatted cover of the crate down to its place three similar L-shaped blocks are pinned to the under side of the firkin-lid, so as to rest on it, the vertical part of the blocks fitting against the top and bottom hoops, so as to keep the crate from shifting its position sideways, while the horizontal part of the blocks supports the ends and provides the spaces between them and the exterior tub.

The slats or staves of the crate are made smooth and rounded on their inner sides to present the least surface possible to the butter-rolls.

Butter can be packed in my improved butter-tubs in the original rolls or prints, and as these are all wholly immersed in the brine (with but the slightest contact with the interior crate) the butter will be more completely preserved, and be much better for table use than the mixed mass packed in the ordinary firkin or tub.

Figure 1 is an elevation of my improved butter-tub, a section being cut away to show the interior crate B. Fig. 2 is a plan view of the same, with the lid removed. Fig. 3 is a view of a half section of crate B.

A is the outer tub; B, the crate, in which the butter is placed. The two halves *a' a'* are held together by the top and bottom hoops *b' b'*. The crate is constructed of wood, which will not give taste to the butter as maple or other like wood, and is made so as to leave the spaces between the slats as wide or wider than the slats themselves. These are laid into two half-hoops at the top and bottom ends, gains being cut in the latter, so as to let the slat ends in even with the outer surface of the hoops. This is done so as to let the loose hoops slip on over the ends easily when the two sections of the crate are placed together. The ends of the slats are further secured to the half-hoops by wooden pins. These should be used for the fastenings, as metal would be subject to corrosion. The slatted ends *b* are constructed with the parallel slats *d* let into one side of cleat *e*, (which is placed across the middle,) even with the surface, and also pinned with wooden pins. These form the bottom and top of crate B, and are alike in construction, except the one for the bottom is a little larger. The ends of the slats in each are rounded off to conform to the circle of the upper and lower hoops, (or half-hoops,) on which they rest when in position. The bottom piece being put in, the crate is filled with fresh rolls or prints of butter, and the top cover *b* fitted in place, the top hoop *b'* projecting above the half-hoop pieces *f* (which form the top ends of the crate) about one-fourth of an inch, so as to keep the cover *b* from sliding off when the lid of A is removed. The crate is now set down into tub A, its bottom hoop resting in the notched blocks C on the bottom. Brine is now poured in until it fills the entire space

around B, and covers it. The lid of A is now put on, blocks *c*, on the under side, (similar to those in the bottom,) securing it in the same manner at the top.

I claim as my invention—

1. In a tub or firkin, for packing butter for transportation in the original roll, an inner slatted cylindrical crate, B, longitudinally divided into the two sections *a' a'*, and held together by the hoops *b' b'* with slatted top and bottom pieces *b*, adapted for being placed between an outer tub, A, and for being readily separated into parts, for cleansing the same, substantially as hereinbefore set forth.

2. In combination with the longitudinally-divisible crate B, constructed substantially as

specified, the tub A and blocks C, with a filling of brine surrounding said crate, for keeping the butter therein in good merchantable condition, as hereinbefore set forth.

3. In a firkin or tub for packing butter for transportation a divided sectional crate, constructed as shown and specified, supported centrally within an outer tub by blocks, so as to leave an open space for brine or other liquid entirely surrounding said crate and contents, substantially as and for the purpose hereinbefore set forth.

JOHN W. SCANLAND.

Attest:

THOMAS KEYS,
W. H. SETT.