(No Model.)

J. MERSMAN.

LINING FOR BUTTER TUBS.

No. 453,495. Patented June 2, 1891.

Fig. 1.

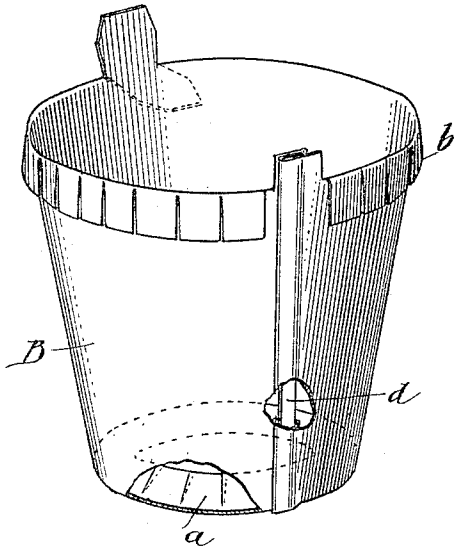
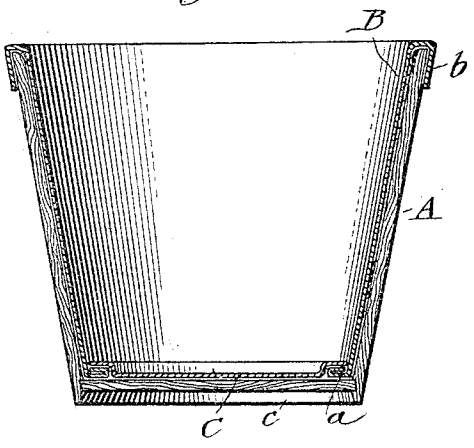


Fig. 2.



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JOSEPH MERSMAN, OF OTTAWA, OHIO.

LINING FOR BUTTER-TUBS.

SPECIFICATION forming part of Letters Patent No. 453,495, dated June 2, 1891.

Application filed December 15, 1890. Serial No. 374,757. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH MERSMAN, of Ottawa, in the county of Putnam and State of Ohio, have invented a new and useful Lining for Butter-Tubs and Like Packages, of which the following is a full, clear, and exact description.

The objects of this invention are to provide a thin non-odorous removable lining for butter tubs or firkins and shipping-packages for similar goods, which is adapted for adjustment to neatly fit tubs or similar vessels having different diameters and heights, and also to provide means to stiffen the lining of paper or like material, so that it will remain erect and in expanded condition when inserted in a vessel ready for the reception of the material the package is to contain.

To these ends my invention consists in certain features of construction and combination of parts, as is hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both of the figures.

Figure 1 is a perspective view of the improved lining with the wall broken away to show interior parts and features of construction, and Fig. 2 is a vertical section of a butter-tub and the improved lining within.

A represents a wooden vessel such as is usually employed for the package of butter, curd, or similar material that is sold in bulk and shipped from places of manufacture to market. As wood is liable to affect the flavor of butter, it is of advantage to provide a lining for butter-tubs which will prevent a direct contact of the butter with the interior of the wooden vessel. In the manufacture of this improved lining B paper of suitable thickness which is non-odorous, as well as tasteless, is preferably employed. A single piece of paper is provided which is of greater width than the height of the tub A, so that the opposite edge portions *a b*, if properly notched, may be turned inwardly at the bottom and folded outwardly at the top over the edge of the wooden vessel or tub A, the lower edge *a* being folded upon itself one or more times, as shown in Fig. 2, thus providing a flange that projects inward and is adapted to rest upon the bottom *c* of the tub. The length of the paper blank that forms the lining B should be such with regard to the interior side surface of the tub A that it will overlap at the ends if it is inserted and made to have close contact with the tub. A small flat strip *d*, of pasteboard, wood, or metal, is furnished, which is of a length about equal to the height of the tub A, which strip is placed flatwise in contact with the joined end portions of the lining B and then rotated so as to wrap the paper material upon it, the folding of the lining being continued until a neat fit of the lining within and upon the side wall of the tub is attained. When the lining B of the side wall of the tub A is in place, a circular disk of paper C is located within the lining upon the tub-bottom *c*, the edge portion of the disk resting on the inwardly-turned flange *a*, so that a complete covering for the interior surface of the tub is thus afforded.

In use the lining B can be applied to vessels of varying diameters and degrees of taper by a proper wrapping of the end portions of the material on the strips *d*, and when inserted the strip, in conjunction with the outwardly-folded upper portion *b* of the lining, will hold the paper lining in a proper expanded condition ready for the introduction of the material that is to be packed after the false bottom C is in position. A paper cover should be used to protect the top of the packed butter, and the usual wooden cover (not shown) be applied and secured when the butter is packed for transportation. When a filled butter-tub having the improved lining within is to be emptied in a lump, the removal of the cover and inversion of the tub will cause the loosening of the mass of butter, as the lining will not adhere to the side of the tub if the latter is made in the usual form. The lining may be readily detached by unfolding the strip *d* therefrom one or more turns, which will release it from the butter by increasing the diameter of said lining, which can then be lifted from the mass of butter and the latter be exposed in sightly condition for retailing, the paper lining having preserved the butter from the taste of the wood or odor pertaining to it.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A lining for a vessel made of thin flexi-

ble material having its top edge folded outwardly, its lower edge folded inwardly, and the overlaid end portions of the material wrapped upon a strip, substantially as set forth.

2. The combination, with a tub, of a thin lining which is formed from flexible material that is folded at its overlaid ends around a flat rigid strip and has its upper end folded over the top edge of the tub, its lower end folded inwardly one or more thicknesses to form a flange, and a false bottom of the same material as the lining placed therein on its edge, substantially as set forth.

3. The combination, with a flared tub, of a paper lining cut larger than the tub and folded outwardly over the top edge of the tub and inwardly at its lower end, a flat strip on which the overlaid end portions of the lining material are wrapped to make it fit the interior of the tub, and a circular false bottom of paper placed within and resting on the paper flange and tub-bottom, substantially as set forth.

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Witnesses:
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