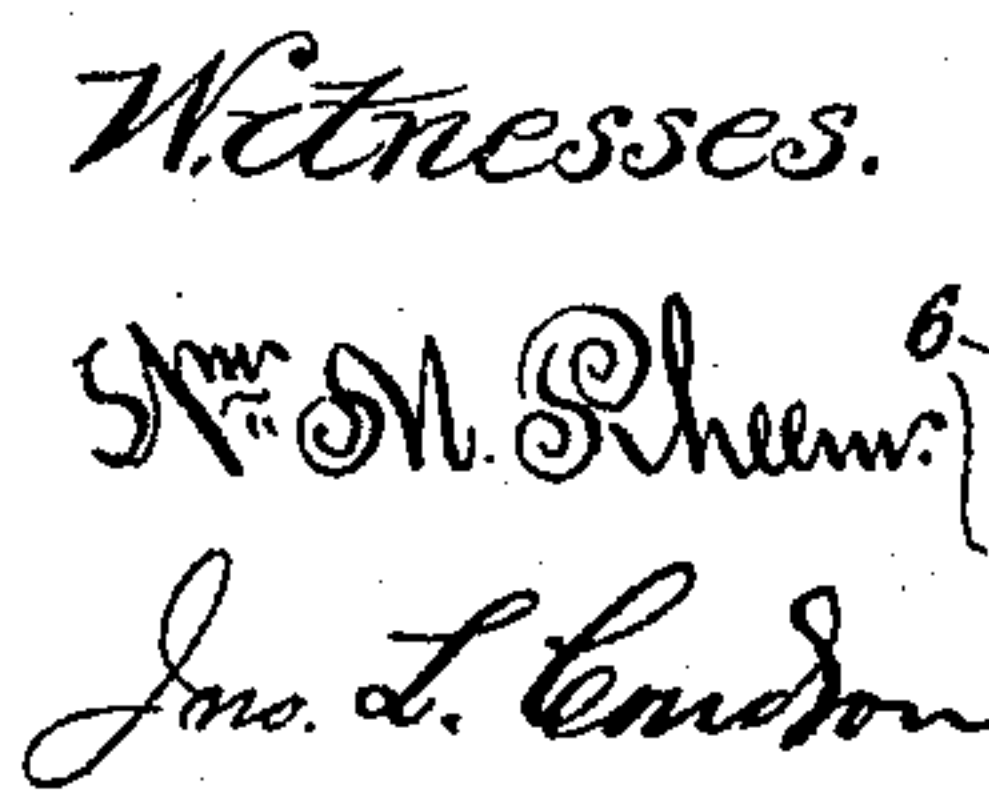


J. TOMLINSON.
PICKLE BARREL.

Patented Dec. 25, 1894.



Inventor:
James Tomlinson.
and One Hundred
Attys

UNITED STATES PATENT OFFICE.

JAMES TOMLINSON, OF DETROIT, MICHIGAN.

PICKLE-BARREL.

SPECIFICATION forming part of Letters Patent No. 531,603, dated December 25, 1894.

Application filed February 24, 1894. Serial No. 501,355. (No model.)

To all whom it may concern:

Be it known that I, JAMES TOMLINSON, a subject of the Queen of Great Britain, and a resident of Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Packages for Pickles, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to kegs, barrels, buckets, and to receptacles or packages generally for containing pickles and similar commodities which are preserved in brine or other preserving liquid; certain features of my invention being, however, inapplicable to buckets, tubs, &c., while other features are applicable to all of the receptacles above enumerated.

Among the primary objects of my invention are included that of producing a package the body and the bottom and top of which shall be hermetically closed, so as to prevent all possibility of leakage of brine or other preserving liquid from the bottom or from the top of the package.

A further primary object of my invention is to produce a package for pickles and other commodities, which are submerged in preserving-liquids, the top or cover of which while hermetically sealing the package, shall be readily removable and replaceable, when desired.

A still further primary object of my invention is to provide such receptacles or packages (of the type mentioned) as are of uniform diameter throughout, both externally and internally, with attachments which take the place, functionally, of a bilge; thus enabling the package, when placed upon its side, to be tilted endwise for lifting the package and placing it upon end or bottom.

The above-mentioned objects, and also such others as may appear from the ensuing description, are attained by the constructions shown in the accompanying drawings, in which—

Figure 1 is a plan view of a package embodying my invention. Fig. 2 is a central longitudinal section of the same.

The body of the package is composed of a body-strip 1 and an intervening filling-strip 2 of veneer, and while said body is usually

cylindrical as shown, it may be of other than cylindrical form if desired. The body-strip 1 is usually wound spirally in as many layers or convolutions as the size and strength of the package may require, the filling-strip overlapping the ends of the body-strip and intervening between each two consecutive layers of the body-strip, so as to form a tight strong body. Moreover, the ends of the body and filling strips are preferably beveled off so as to make a neat finish, and are secured in position by glue, nails, rivets, or any appropriate means.

The bottom 3 of the package is usually a piece of wood, and is of such size as to fit closely at its edges against the inner surface of the lower end of the body of the package. This bottom-piece 3 is retained in its required position by two lining-rings 4 and 5 which are secured closely against the inner surface of the lower end of the package-body at points respectively below and above the bottom 3; the retaining-rings 4 and 5 being secured by nails 6, or by any desirable means which will prevent leakage, and the bottom 3 being, of course, supported within the body 1 above the lower edge of the latter.

7 designates the removable cover of the package, this cover being desirably a flat piece of wood the edges of which abut tightly against the margins of an opening formed centrally through a supporting-piece 8, also preferably of wood. The external dimensions of this supporting-piece are such that the outer edges of said piece come into close contact with the inner surface of the upper end-portion of the package-body, so as to make a close joint at this point. The support 8 is sustained from below by a lining-ring 9 desirably of wood, which is firmly secured, by nails 10 or by glue, or by any suitable means, to the inner surface of the package and in such contact with the supporting-piece, as to form a tight joint in connection with the support. This cover-support 8 is also retained in position against upward displacement by a second lining or retaining-ring 11 which is secured closely to the inner surface of the package-body 1 by nails 12, or by glue, or in any desirable manner adapted to form a close joint in connection with the support.

To the upper surface of the cover 7 is se-

cured a cap-piece 13 also of wood and of greater area than the cover so as to overlay the opening in the supporting-piece 8 and thus further insure absence of leakage from the cover. The cap-piece 13 may be secured to the cover 7 either by nails 14, or by glue, or by any desirable means; or if desired said cover and cap may be formed in one piece.

15 designates the fastening-bar which is secured at its middle, by a vertical pin or bolt 16, or by any other desirable means, to the cover 7 so as to be turned horizontally; the pin or bolt 16, when used, preventing accidental detachment of the bar from the cover. The outer ends of the bar 15 are arranged to enter at times beneath oppositely disposed segmental ribs or flanges 17 upon the inner side of a locking-ring 18; this ring being secured, by nails 19, or other suitable means, to the inner surface of the ring 11 before mentioned. The arrangement is such that when the ends of the bar 15 are engaged beneath the ribs or flanges 17 the cover is tightly retained in position, while when the ends of the bar are moved from beneath the ribs 17, the cover can be easily lifted from the top of the package.

It is obvious that so far as the construction and arrangement of the cover and bottom of the package and their immediate attachments are concerned, these parts are applicable to kegs, barrels, buckets and packages generally for containing pickles and similar commodities which must be submerged in liquid.

In the drawings, the package-body is shown as of uniform diameter throughout, or, in other words, as devoid of any "bilge." If such a package be placed upon its side, it is difficult to lift the package bodily or to raise it into upright position, because the under surface of the ends of such a "straight" package lie in such close contact with the floor or ground as to oppose the insertion of one's fingers beneath the package-end when it is desired to raise the package into upright position, or to lift it bodily. In order to avoid this difficulty, I provide the package-body with an external bilge-ring 20 which is located midway of the length of the package-body and which is secured to said body by nails 21, or by any other desirable means. Thus when the package is

lying upon its side, it can be tilted upon its bilge-ring so as to raise first one of its ends and then the other sufficiently to enable a person handling the package to insert his fingers beneath the ends thereof. Obviously this attachment is useful only in kegs, barrels and like packages.

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

1. A package for holding pickles, &c., comprising a body-portion having a cover-support provided with a central opening, said body-support being tightly secured within one end of the cover-portion, a cover fitting tightly but removably into and abutting against the margin or inner periphery of the support, a flanged locking-ring, and a retaining cross-bar extending across the outer surface of the cover and detachably engaging the said locking-ring, substantially as set forth and described.

2. A package for holding pickles, &c., comprising a body-portion having a cover-support provided with a central opening, said cover-support being tightly secured in one end of the body-portion and secured therein against inward and outward displacement by oppositely-disposed retaining-rings, a cover fitting tightly but removably into and abutting against the inner periphery or margin of the support, a flanged locking-ring, and a retaining cross-bar detachably engaging said locking-ring, substantially as set forth and described.

3. A package for holding pickles, &c., comprising a body-portion having a cover-support provided with a central opening, said cover-support being tightly secured in one of its ends and a cover fitting tightly but removably into and abutting against the inner periphery or margin of the support, a cap-piece overlapping the opening in said support, a flanged locking-ring, and a pivoted locking-bar detachably engaging said locking-ring, the latter being firmly secured to a retaining-ring, substantially as set forth and described.

JAMES TOMLINSON.

Witnesses:

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