

(No Model.)

T. K. PARRISH.
WOODEN VESSEL.

No. 563,683.

Patented July 7, 1896.

Fig. 1.

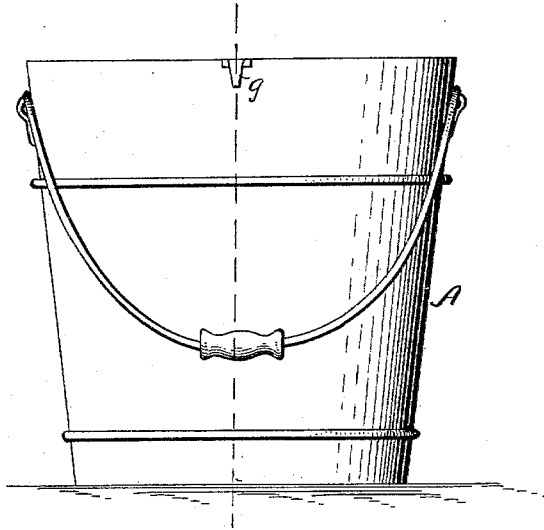


Fig. 2.

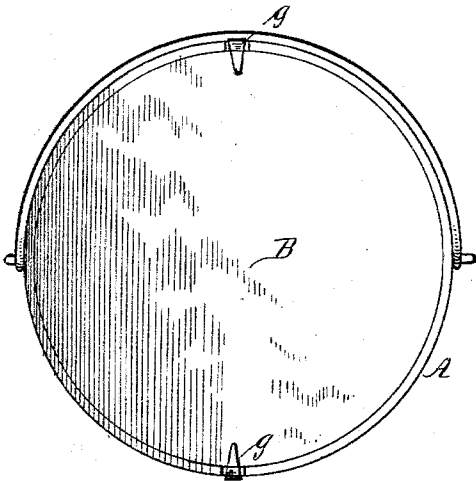


Fig. 3.

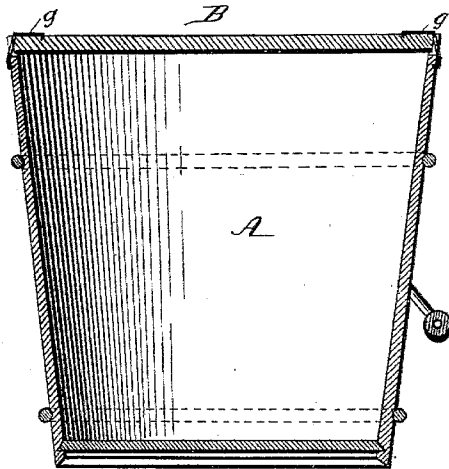
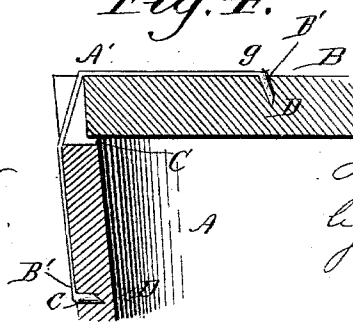


Fig. 4.



Witnesses:

J. B. McGirr
W. D. Darril

Inventor:

Thomas K. Parrish
by Connolly Bros
attys.

UNITED STATES PATENT OFFICE.

THOMAS KIRKPATRICK PARRISH, OF RICHMOND, VIRGINIA.

WOODEN VESSEL.

SPECIFICATION forming part of Letters Patent No. 563,683, dated July 7, 1896.

Application filed January 9, 1896. Serial No. 574,909. (No model.)

To all whom it may concern:

Be it known that I, THOMAS KIRKPATRICK PARRISH, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Wooden Vessels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to hollow articles of woodenware, and particularly to vessels formed of staves and encircled by welded wire hoops, such as shown and described in Letters Patent of the United States granted to me April 10, 1894.

Vessels of this class in form of buckets having tapering sides and provided with bails and lids are largely employed as shipping-packages to contain tobacco, candies, fruits, &c. In the handling and transportation of such packages the rough usage to which the vessels are subjected frequently causes the lids, which usually rest on the tops of the staves, to become injured or displaced, thus causing loss, inconvenience, and annoyance to the consignees.

The object of my present invention is to obviate these difficulties by providing means for securing the lid of the package tightly in place, preventing its injury or displacement, and thus rendering the vessel not only serviceable as a manufacturer's storing and shipping package, but as a vessel capable of use either for refilling and reshipment or for general service after its original contents have been removed, as a pail, bucket, or receptacle for articles to be carried, sold, or used.

My invention consists in the novel construction and combination of parts hereinafter described, having special reference to the provision of means for securing the lid to the body of the vessel and to structural features by which the removal of the lid without injury to the same or the staves is rendered possible and easy.

In the accompanying drawings, Figure 1 is a side view of a staved vessel embodying my invention. Fig. 2 is a top view of the same with the lid in position. Fig. 3 is a vertical

central section through the lid-fastenings. Fig. 4 is a sectional view of part of the vessel, enlarged.

A designates a pail or bucket, which may be of any desired structure or material, and B the lid, consisting of a circular disk which snugly fits under the mouth of the vessel. The inside of the mouth of the vessel is preferably formed with a rabbet C, on which the lid rests, but this may be omitted and the lid prevented from sinking too far by the taper of the vessel and the corresponding taper of the edge of the lid.

To fasten the lid in place, I employ the well-known staple-fastenings *g g*, which consist each of a single piece of material with tapered shanks D and thin metal plate A', which is thick enough at its junction with bases C of shanks D to form heads B' for driving the shanks D in the wood. Any other suitable form of thin malleable metal staple may be employed.

In fastening on the lids of wooden vessels by means of such staples, the practice now generally is to place the lid on top of the staves, drive one of the points of the staples in the staves, and then bend the staple over the angle of the lid and drive the other point into the wood of the lid; or to first drive one of the points into the lid and then, after bending the staple, to drive the other point into one of the staves. To hold the lid firmly, a staple must be inserted at every point of possible insecurity, and even then the lid is by no means secure while the staples project sufficiently at their bent portions covering the angle of the lid to be easily knocked off.

A feature of my invention designed to prevent the displacement of the staples and to afford a convenient means for removing the lid consists in forming notches *h h* in the edge of the vessel and inserting the staples, so that when bent down the web portion A' may be forced into the notches, below the angle or corner of the staves, when they will be secure from contact with other objects liable to loosen or displace them. These notches, as will be seen, are deep enough to leave a space below the under side of the lid into which a chisel or other tool may be inserted for the purpose of prying up the lid without injuring it.

Holes or openings other than notches may be formed in either the staves or lid to admit of the insertion of a tool to pry up the lid.

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

1. The pail A, having the internal ledge or
rabbet C, to seat a lid and the vertical notches
N, N, in its edge, extending down to said ledge
10 or rabbet, in combination with the lid B, resting on said ledge and secured to the pail by
suitable fastening devices, substantially as
described.

2. The tapered pail A, having the beveled
lid B fitting inside the mouth of the pail, and 15
having vertical notches N, N, formed in its
edge, and extending below the surface of the
lid, to admit of the insertion of a lid-prying
tool, substantially as described.

In testimony whereof I affix my signature 20
in presence of two witnesses.

THOMAS KIRKPATRICK PARRISH.

Witnesses:

J. SCOTT PARRISH,
R. E. RICHARDSON.