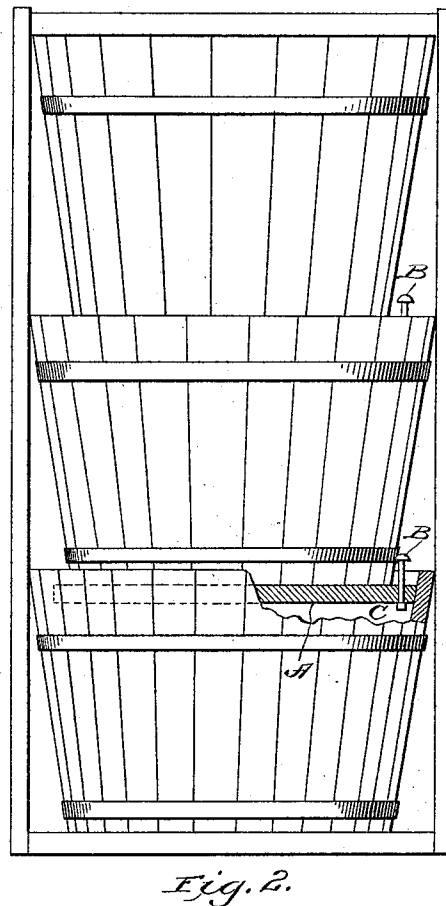
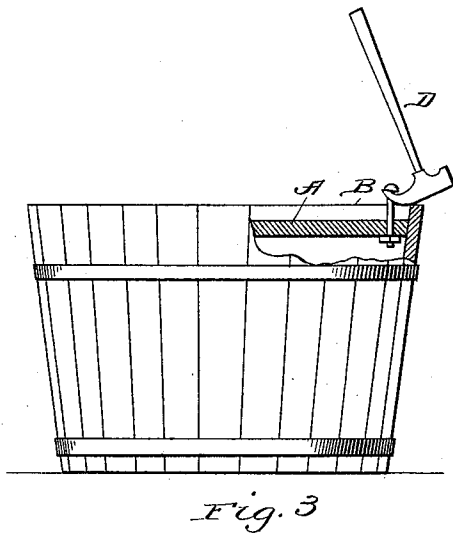
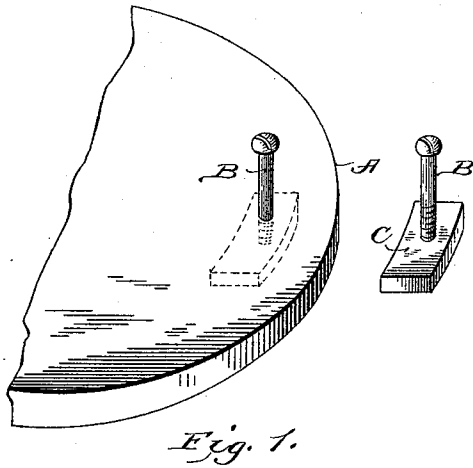


(No Model.)

R. J. KIDD.
PAIL COVER.

No. 518,889.

Patented Apr. 24, 1894.



Witnesses:

Wm. A. Deane
R. H. F. Ogilvie

Inventor:

Robert J. Kidd.
By *Oliver J. Bailey, atty*
Per R. Deane
Assn. Atty.

UNITED STATES PATENT OFFICE.

ROBERT J. KIDD, OF CINCINNATI, OHIO.

PAIL-COVER.

SPECIFICATION forming part of Letters Patent No. 518,889, dated April 24, 1894.

Application filed January 18, 1894. Serial No. 497,321. (No model.)

To all whom it may concern:

Be it known that I, ROBERT J. KIDD, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Pail-Covers, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a detail view of a pail cover provided with my improved device; Fig. 2, a view of a tier of pails when packed for transportation and Fig. 3 illustrates the application of my improvement.

The object of my invention is to provide a simple, inexpensive and useful device whereby the covers of pails containing merchandise may be easily and quickly removed without damage to the pails or loss of their contents.

The invention is specially applicable to pails which are utilized for carrying fish of various kinds. In the construction of these vessels, the outer edge or rim of the cover is beveled to correspond with the flaring mouth of the pail and is thus adapted to fit within the same and form a practically water tight joint.

When the pails are stored or packed in crates or boxes for transportation they are placed in tiers, one upon another, as shown in Fig. 2. The bottom of the pails being smaller than the top, each one rests on the cover of the one beneath it and the covers are thus kept securely in place. The pressure thus exerted on the covers together with the expansion of the wood caused by moisture combine to fix the covers so firmly as to make it difficult to dislodge them. One of the methods usually employed is to invert the pail and strike or thump it vigorously on a table. It will be understood that the rim of the cover being beveled, it will not yield gradually but when released it will give way at once with the result that a portion at least of the contents of the pail will be spilled. The only other method is to split the cover with a hatchet and render it useless.

The several advantages of my invention will be readily perceived by referring to the accompanying drawings in which A designates the cover of a pail having a screw B inserted sufficiently near the edge to offer no obstruction when the pails are packed for shipment. The shank of the screw is closely

fitted to the cover and its lower extremity engages a threaded aperture in a suitable metal plate C, which is adapted to fit on the under side of the cover, and, preferably, transversely to the grain thereof. It will be observed that the plate serves the double purpose of a durable fastening for the screw and at the same time provides a wide bearing against the under side of the cover and prevents splitting of the same when force is applied to remove it. Obviously in the mere detail of structure or adaptation to the cover of said plate and screw there may be many slight changes, which, being of a merely mechanical kind, will not change the nature or scope of the invention. For instance, the screw and plate may be made of a single piece, so that the screw can be put into position by screwing it up from the under side of the cover. The main point to be observed, however the screw and plate are made, is that the head shall be at one side of the cover, that is generally eccentric in position, and shall be located conveniently near the upper edge of the pail to be reached by the claw hammer or so grasped by the fingers of the one opening the pail that his hand will have some leverage on the upper edge of the pail.

When it is desired to inspect the contents of a pail, the cover may be easily withdrawn by a claw-hammer D or any other convenient tool and replaced without delay.

What I claim as new is—

1. The combination of the pail having a flaring mouth with the cover having a beveled edge and fitting within the mouth and a headed screw passing through said cover and projecting above it, near the edge and engaged with a plate on the under side of the cover, all as and for the purpose set forth.

2. In combination with a pail a cover setting inside its upper edge and having secured thereto at one side a headed pin by means of a plate on the under side of the cover and transverse to its grain, said pin passing up through the cover and in convenient proximity to the side of the pail to be removed by a claw head hammer.

In testimony that I claim the foregoing I have hereunto set my hand, this 29th day of December, 1893, in the presence of witnesses.

ROBT. J. KIDD.

Witnesses:

F. M. GORMAN,
O. W. BENNETT.