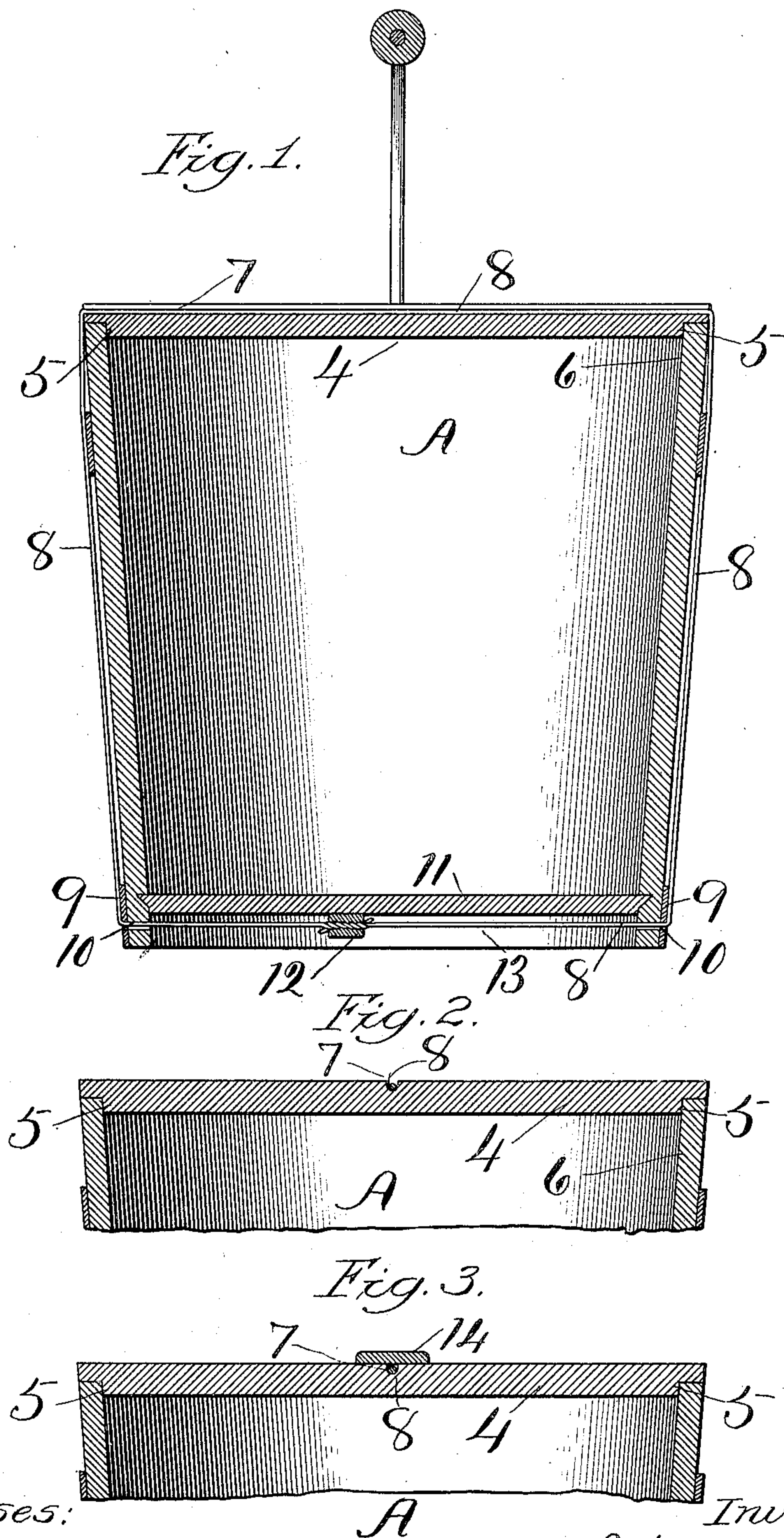


A. T. LEIB.
 MEANS FOR SECURING COVERS TO VESSELS.
 APPLICATION FILED JULY 19, 1907.

922,166.

Patented May 18, 1909.



Witnesses:
 E. J. Gaylord.
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UNITED STATES PATENT OFFICE.

ADAM T. LEIB, OF CHICAGO, ILLINOIS.

MEANS FOR SECURING COVERS TO VESSELS.

No. 922,166.

Specification of Letters Patent.

Patented May 18, 1909.

Application filed July 19, 1907. Serial No. 384,501.

To all whom it may concern:

Be it known that I, ADAM T. LEIB, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Means for Securing Covers to Vessels, of which the following is a specification.

This invention relates to a means for temporarily securing the cover on a vessel or pail used in the shipment of miscellaneous merchandise; and has for its object to provide a means of this character that will prevent the opening of a package and the contents fraudulently tampered with *in transitu*.

Under the ordinary arrangement it has been possible to open a package, remove a portion of the contents and then replace the cover without leaving any indications that the same has been fraudulently tampered with. This fraudulent practice has become so general as to be not only a great annoyance but is the cause of a great deal of trouble and no inconsiderable losses.

The principal object therefore of this invention is to provide a simple, convenient and effective means that will prevent such fraudulent practices.

In the drawing, Figure 1 is a vertical section of a vessel embodying the improvement; and Figs. 2 and 3 are similar views taken at right angles with reference to Fig. 1.

A receptacle in the form of a pail is preferably used in illustrating a practical application of the improved fastening device for the reason, that, this form of a vessel is largely and generally used in shipping merchandise of different kinds.

A may represent a pail or vessel of the ordinary construction. The cover 4 is provided with the usual annular shoulder 5 which fits down on the inside of the inclosing wall 6 in preventing lateral displacement. This cover is provided across the top with a groove 7 for the reception of a fastening wire-band 8. In fastening the cover in place on the vessel the wire-band is laid in the groove 7 and run downward therefrom on opposite sides to the bottom hoop 9 and then inward through apertures 10 formed in the hoop and wall of the vessel until the respective ends are joined or interlocked together under the bottom 11 as shown in Fig. 1. The wire is drawn taut in

the operation of connecting or twisting the wires together and which are then secured against separation by the ordinary metal seal 12 commonly used in locking the ends of wires or bands together.

The bottom 11 of the vessel is placed far enough above the lower end to provide a space or chamber 13 in which the joining parts of the fastening wire and seal are located out of the way and not liable to be accidentally misplaced or torn off. The seal and ends of the wire being thus disposed of present no interference and permits of the packages being stacked up for transportation.

In heavy or bulky packages such as oyster pails in which the contents are of a semi-liquid nature, the cover may be further strengthened by a cleat 14 laid across the top of the cover and rigidly secured thereto. This cleat will be placed to cover the groove 7 and the wire band running therethrough, as shown in Fig. 3. This cleat will form a sort of a handle in removing and replacing the cover and will also assist in retaining the wire-band in place. Ordinarily this cleat may be dispensed with as the wire when drawn taut cannot be sprung out of the groove and the cover removed without breaking some part of the fastening device which would be evidence that the package had been tampered with.

The wire-band extends clear around the vessel from top to bottom and presents a simple and comparatively inexpensive fastening device that will prevent fraudulent access.

The vessel and cover are not injured by the use of nails, and as such fastening devices are entirely dispensed with the life of the vessel is greatly prolonged and may be made useful after serving the original purpose.

A strip of metal may be substituted for the wire shown, but the latter is preferred for general use.

Having thus described my invention, what I claim is—

1. The combination with a receptacle comprising a body portion and a bottom which extends for some distance below said body portion and entirely around said body portion, of a removable cover, a metallic band seated in a groove in said cover, said band extending down the sides of the receptacle and passing through openings formed in the

side walls thereof below the bottom, the ends of said band being engaged with each other within the cavity formed by the bottom and that portion of the side walls below said bottom, a strengthening strip which overlies the groove of the cover and conceals said band, said strip serving both as a handle when the cover is to be removed and as a protecting cover for said band, and a hoop 9, which passes around the bottom of the receptacle at its lower edge, said band also passing through said hoop and aiding in retaining said hoop in position.

2. The combination with a receptacle comprising a body portion and a bottom which extends for some distance below said body portion and entirely around said body portion, of a removable cover, a metallic band

seated in a groove in said cover, said band extending down the sides of the receptacle and passing through openings formed in the side walls thereof below the bottom, the ends of said band being engaged with each other within the cavity formed by the bottom and that portion of the side walls below said bottom and a strengthening strip which overlies the groove of the cover and conceals said band, said strip serving both as a handle when the cover is to be removed and as a protecting cover for said band.

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

ADAM T. LEIB.

Witnesses:

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