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C. M. BROWN.

PACKING VESSEL.

APPLICATION FILED MAY 6, 1904.

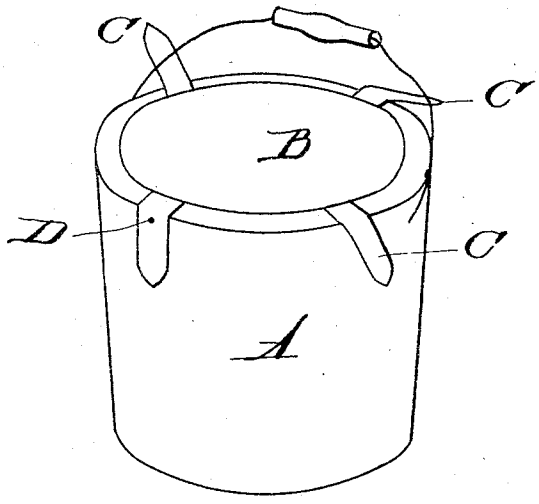


Fig. 1.

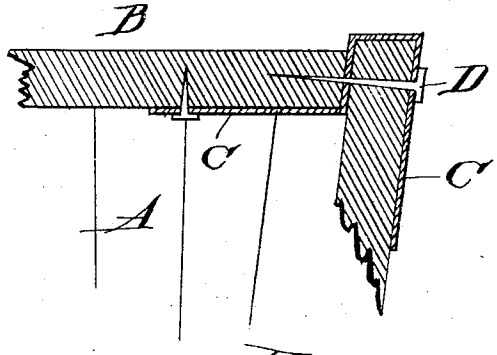


Fig. 2.

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UNITED STATES PATENT OFFICE.

CEPHAS M. BROWN, OF ATLANTA, GEORGIA.

PACKING VESSEL.

SPECIFICATION forming part of Letters Patent No. 782,720, dated February 14, 1905.

Application filed May 5, 1904. Serial No. 206,507.

To all whom it may concern:

Be it known that I, CEPHAS M. BROWN, a citizen of the United States of America, and a resident of Atlanta, in the county of Fulton and State of Georgia, have made a certain new and useful Improvement in Packing Vessels; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This device is intended, essentially, to be applied to the sealing of the top heads or covers in buckets or pails in which merchandise is shipped, such as candies and the like, and the better securing of such merchandise from pilfering in transit and the breaking of the packages by the superincumbent weight of such number of pails as may be set thereon in transit or the breaking open of the packages from any other exterior pressure on the top.

The invention is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a pail with the cover or head partially sealed or fastened; and Fig. 2 is a radial section through a fragment of the pail, showing also a fragment of the head and the means for securing said head in place.

In the figures like reference characters are uniformly employed.

A is the pail, and B the head, which latter should fit within the upper end of the former and may either be even with the upper edges thereof or may be depressed, as shown in Fig. 2, wherein a panel is formed which may be useful for locating the pail set thereinto in transit. It is obviously necessary that this head be capable of resisting a considerable superincumbent weight and that without any appreciable depression, as many classes of goods, especially candy, are very fragile, and these heads are subjected to a weight superincumbent thereon of one or two hundred pounds when stacked in the cars for transit.

In the manufacture of this device the head B is provided on its lower side with a multiplicity of metallic strips C, lying substantially radial thereon and extending either wholly across the said lower side of the head or of short pieces, as shown, their ends being bent around the lower corner of the head B and extended upwardly. The head is then ready for placing and securing into the open end of the vessel, shown in this illustration as a candy-pail. The said head being forced to a seat in said vessel by pressing downwardly to the desired point, these metallic strips C are bent outwardly and downwardly, so as to bend upon the inner corner of the upper edge of the pail, lie across said upper edge, bend over the upper outer corner, and extend thence downwardly upon the outer side of the pail a sufficient distance to form a hold for any ordinary tool—such as a hammer, hatchet, or screw-driver—which may be employed to open or unfasten the package, as will be presently described.

D is a nail or staple which is driven through or over the strip C, through the side of the pail, and into the edge of the head B, passing also through the metal, or in the case of a staple on each side of same, lying between the edge of the head B and the side of the pail A. This forms a metal binding for the edges of the pail and head where the nail passes through, and beyond strengthening the wood at these points also holds the nail securely in position and renders the device a sure and secure fastening, especially against downward and outward pressures upon the said head and the sides of the pail, respectively. The easy splitting of the necessarily somewhat thin heads B is also prevented by these strips C.

This package may be easily though not accidentally opened by causing a tool of some sort, and, indeed, almost any sort, to engage the free pendent end of the strips C and pulling outwardly thereon, which loosens and starts the withdrawal of the nail D, which may be then freely withdrawn and the head lifted out, using for this latter purpose the projecting ends of the strips C. For further security a seal, consisting, for instance, of a guarantee label or the like, may be pasted over the nail and the pendent ends of the strips C, and any tampering with the contents becomes manifest to all agents of carriers checking said

packages. In fact, when neatly fastened this package will by signs of the rebending of these strips plainly exhibit evidence of tampering, it being also impossible under ordinary circumstances that these evidences should be accidentally produced in the package.

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

1. A packing vessel comprising a vessel proper, a cover therefor and securing means for the cover comprising a strip secured to the cover and extending outwardly over the edge of the vessel, a nail or securing-pin passed through the outer portion of the strip, the edge of the vessel and into the cover, the projecting portion of the strip affording means for securing the cover and also means by which the securing-pin or nail may be withdrawn in opening the vessel.

2. A packing vessel comprising a receptacle, a removable cover therefor capable of fitting in the mouth of the receptacle so as to be flush with the upper edges thereof, securing means for the said cover comprising strips of material secured to the under face of the cover and bent around the edges thereof, the outer ends being extended and folded around the edge of the receptacle, nails driven through the projecting ends of the strips and through the portion thereof which is folded between the edge of the cover and the edges of the receptacle, the said strips projecting a sufficient distance beyond the nails to permit of a hold being obtained thereon for pulling them outwardly and withdrawing the nails when the vessel is to be opened, the said extended portion offering means for lifting the cover from place.

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

CEPHAS M. BROWN.

Witnesses:
A. P. WOOD,
C. E. STEWART.