

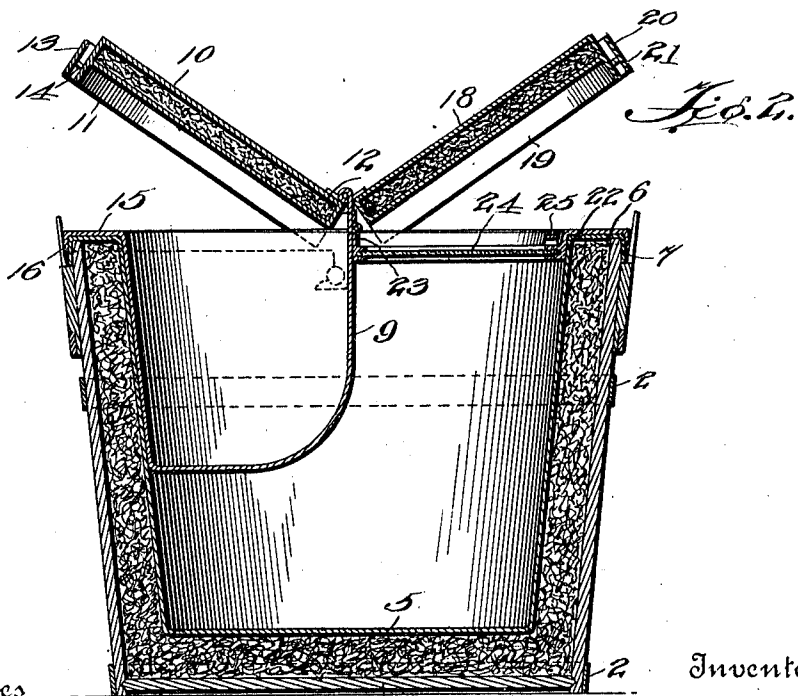
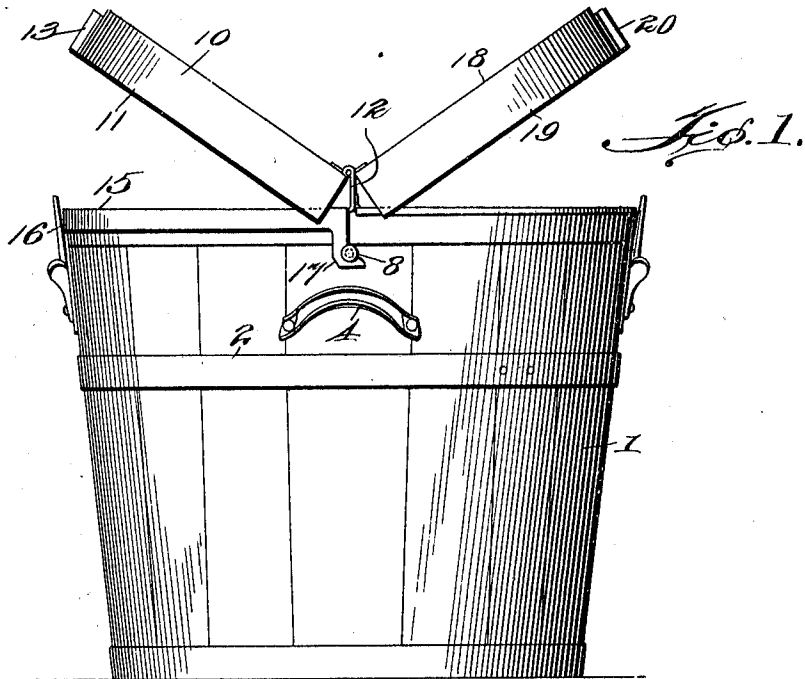
E. GRANT.
DISPLAY CARRIER.

APPLICATION FILED JUNE 23, 1910.

980,097.

Patented Dec. 27, 1910.

2 SHEETS—SHEET 1.



2 Witnesses

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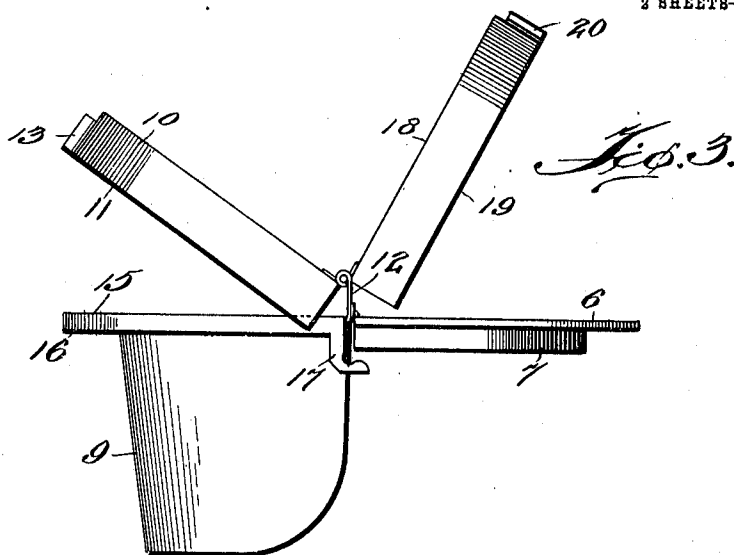
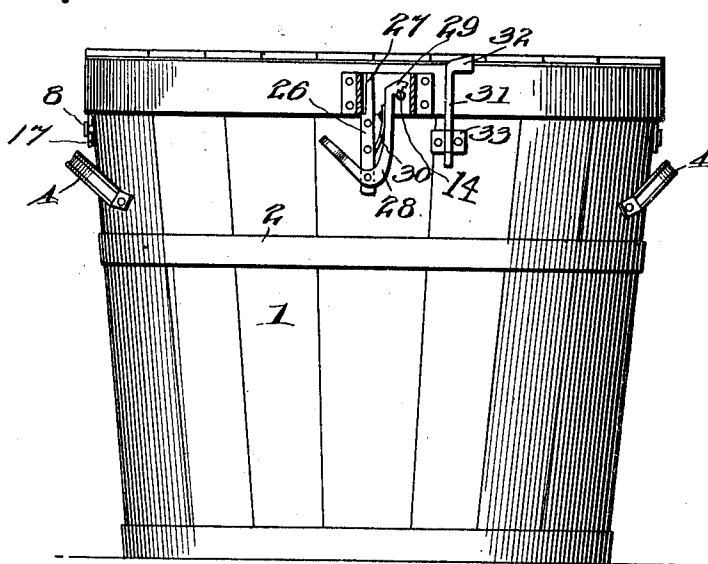


Fig. 4.



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UNITED STATES PATENT OFFICE.

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DISPLAY-CARRIER.

980,097.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWARD GRANT, a citizen of the United States, residing at Mobile, in the county of Mobile and State of Alabama, have invented certain new and useful Improvements in Display-Carriers; 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.

My invention relates to improvements in display carriers, and the object of my invention is to produce a simple device of this character for displaying and carrying perishable articles which must be kept cool and with which the ice must not come in contact.

With this object in view, my invention consists in the construction and combinations of parts as hereinafter described and claimed.

In the accompanying drawings—Figure 1 is a side view of my invention with the covers lifted. Fig. 2 is a vertical section of the same. Fig. 3 is a side view of the top detached, the covers being lifted, and Fig. 4 is a side view of the complete invention.

1 represents an ordinary wooden pail, made of staves bound together by iron bands 2 and having a bottom 3 and handles 4. Of course, a bail could be used instead of the handles, if desired. Inside the pail is a lining 5, made of any suitable material, preferably zinc or galvanized iron. The lining is arranged parallel to the sides and bottom of the pail, and the space between them is filled with any sort of a packing which is a non-conductor of heat, such as paper, mineral wool, cork, or other similar material. The top of the lining 5 is bent outward, as shown at 6, and then downward as shown at 7, forming a rim embracing the top of the pail. This pail is also provided with oppositely arranged screws 8, with their heads projecting some distance from the surface of the pail. The oysters, or other perishable material, are placed in the inside of the pail, resting on the lining 5. A removable top portion is adapted to be fitted into the top of this pail and secured therein. This top portion consists of a vessel 9, adapted to contain ice and having its upper edge bent outwardly as shown at 15 and downwardly, as shown at 16, to slip over the part 7, with a cover 10 having a flanged outer rim, as

shown at 11, Fig. 2, fitting down around the part 16. As shown in Fig. 2, this cover is made double and between the two parts thereof is inclosed a packing which is a non-conductor of heat, such as paper, cork, mineral wool, etc. This cover is hinged on the upwardly projecting side 12 of the vessel 9, which when the removable part is placed in the pail 1 extends diametrically across said pail. The cover is also provided with an extension 13, bent outwardly from the rim 11, and with a pin 14 therein for engagement with the fastening device hereinafter described. The edge 16 is provided with two downwardly projecting right angled portions 17, hollowed out at the angular portions and forming bayonet joints, said extensions being adapted to engage the screws 8 when the composite top is placed in the pail and slightly rotated. It will be seen, of course, that the entire top may be readily removed from the pail 1. Also hinged to the side 12 is a second cover 18, formed double like the cover 10 and having a downwardly projecting rim 19. It is also provided with an extension 20 and a pin 21 for engagement with a fastening device on one side of the pail.

Hinged to the side 12 below the cover 18 is the display cover, consisting of a rim 22, fitting over a portion of the part 7, and having a downwardly extending semicircular portion 23, in which is mounted a semicircular glass plate 24, a handle 25 being provided to lift said display cover. Obviously, by lifting the cover 18 and the display cover, access may be readily obtained to the interior of the pail 1, or the contents may be displayed by lifting the cover 18 alone.

After the removable top portion has been placed in the pail with the extensions 17 engaging the screws 8, it is locked therein by any suitable means. The means shown consists of a bar 26 screwed to the sides of the pail and having an upwardly extending portion 27, adapted to pass through the ear or extension 13. Pivottally mounted on a pin in the lower part of this bar is a curved lever 28, having an enlarged toothed head 29 thereon, the teeth of which are adapted to engage the pin 14, springs 30 being used to prevent disengagement of said teeth from said pin, and the construction being the same on each side of the pail.

To hold the display cover in place, should the cover 18 be raised and folded back upon

the cover 10, as it is adapted to do, I have provided means for securing said display cover in place, which consists of a pin 31, having an enlarged head 32 and a reduced portion engaging an ear 33, fastened to the side of the pail. By turning the pin, the head 32 may be caused to pass over the rim 22 of the display cover and hold it in place.

It is obvious that the entire top can be removed, leaving the inner surface of the lining of the pail unobstructed, which construction permits ready and thorough cleaning.

In use, the top part, including the ice container and covers, is removed from the pail and the whole is thoroughly cleansed. The upper part is then replaced on the top of the pail and locked thereto, and the whole pail cooled down in a refrigerator to about 40°. When in use, the vessel 9 is filled with ice, and as fast as it becomes melted the water may be removed and fresh ice applied. By lifting the cover 18 and the display cover, ready access can be obtained to the interior of the pail without removing or disturbing the ice can 9, and the display cover serves both to protect and display the contents.

The pail 1 is preferably made of wood, and the lining and cover part of galvanized sheet iron, except the part 24, which is of glass. The space between the double lids of the covers and between the lining and the pail itself is preferably filled with sheeting paper, each side of said paper having a double coating of asbestos paint, and the outside of the pail itself may also have a coating of asbestos paint.

While I have thus described my invention, I wish it to be distinctly understood that I do not limit myself to the exact construction shown and described, as these could be varied in many respects without departing from the spirit of my invention. For instance, any sort of non-heat-conducting construction could be used; any sort of fastening device; bails could be used instead of the handles 4; and many other changes might also be made.

I claim:—

1. In a display carrier, a top therefor including a projecting portion adapted to fit over the carrier proper, and provided on one side with a receptacle for containing a cooling material and adapted to enter said carrier and on the other side with a transparent window, a projecting central portion, and a pair of double walled doors hinged to the top of said cover, substantially as described.

2. A cover for display carriers, composed of a horizontal circular portion adapted to fit on the carrier proper and having downwardly depending edges adapted to fit around said carrier, a receptacle for ice de-

pending from said cover on one side, a transparent window let into said cover on the other side, said cover being provided with a centrally located upwardly projecting portion and semi-circular subsidiary covers hinged to said portion, said subsidiary covers being double walled and provided on their outer edges with projecting parts adapted to engage the carrier proper, substantially as described.

3. In a display carrier, the combination of a wooden pail, a galvanized lining therefor with its upper edge bent over the top of said pail, packing between the walls of said pail, the upper end of said pail being open and said pail being provided on the outside with fastening devices, and a removable cover adapted to fit into, over, and around the top of said pail, said cover being provided with an ice compartment on one side fitting into said pail, a transparent window on the other side and fitting into said pail, with a centrally located upwardly projecting portion, semi-circular subsidiary covers pivoted to said portion, said subsidiary covers being double walled and provided on their outer edges with downwardly extending flanges adapted to extend around the top of the pail, and fastening devices carried by said top portion and cooperating with the fastening devices on said pail, substantially as described.

4. In a display carrier, the combination of a portable refrigerating carrier and a display member made in compartments, and each compartment independent when in use, said carrier including a wooden pail, a galvanized lining therefor with its upper edge bent over the top of said pail, packing between the walls of said pail, the upper end of said pail being left open, and said display member being composed of a removable cover adapted to fit into, over and around the top of said pail, said cover being provided with an ice compartment on one side, adapted to fit down into said pail, a transparent window on the other side, also fitting down into said pail, a centrally located upwardly projecting portion, semi-circular subsidiary covers pivoted to said portion, said subsidiary covers being double walled and provided on their outer edges with downwardly extending flanges adapted to extend around the top of the pail, and fastening devices carried by said pail and said cover, respectively, substantially as described.

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

EDWARD GRANT.

Witnesses:

A. B. BERNANDY,
JOHN LORES.