

J. I. McCLUNG.

CRATE.

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930,216.

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Fig. 1.

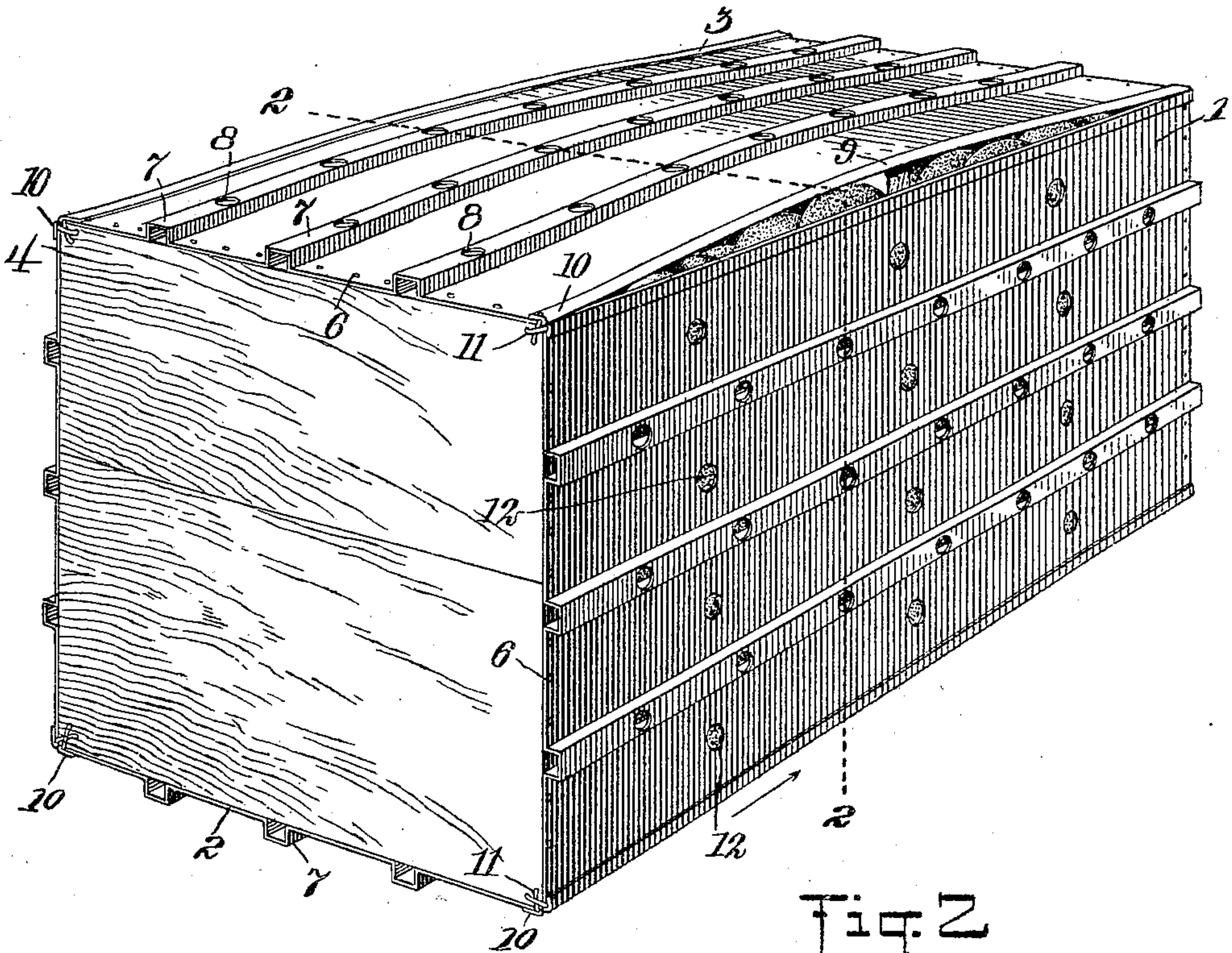
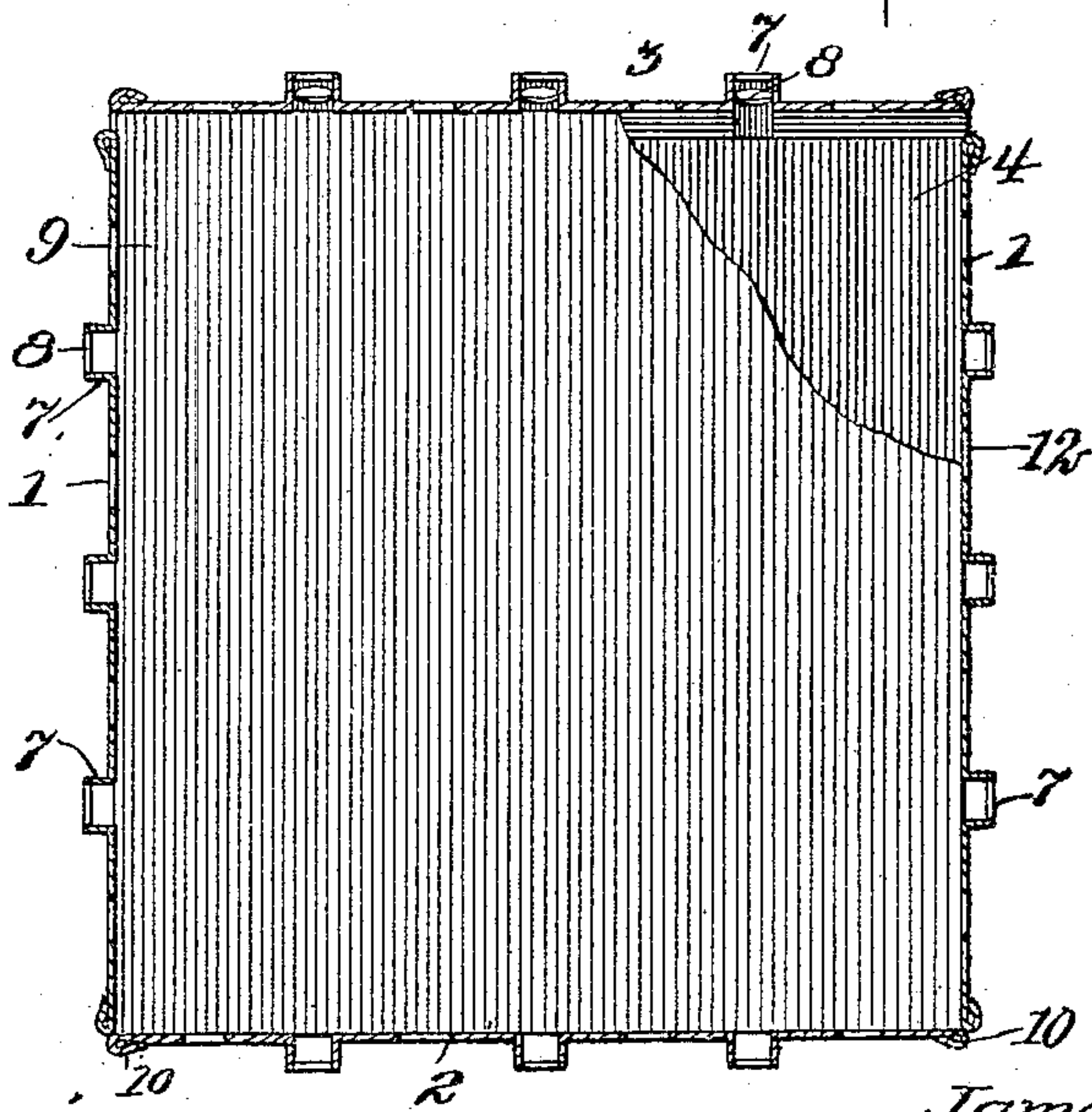


Fig. 2.



WITNESSES

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CRATE.

No. 930,216.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed August 21, 1908. Serial No. 449,598.

To all whom it may concern:

Be it known that I, JAMES I. McCLUNG, a citizen of the United States, and a resident of Craftonville, in the county of San Bernardino and State of California, have invented a new and Improved Crate, of which the following is a full, clear, and exact description.

This invention relates to crates and more particularly such as are especially adapted for carrying fruit or other perishable goods, and which are provided with means whereby the contents will be thoroughly ventilated.

The object of the invention is to provide a device of the class described, simple and efficient in construction and inexpensive to manufacture, which has perforated corrugations on its sides, top and bottom respectively, so that air can enter and freely circulate about the contents, thus obviating, to a great extent, the danger of the latter becoming spoiled during shipment.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of an embodiment of the invention; and Fig. 2 is a cross section on the line 2—2 of Fig. 1, and shows a part of a partition broken away.

Before proceeding to a more detailed description of my invention, it should be understood that I provide a crate especially adapted for the shipment of fruit or other perishable goods, which has means whereby the contents thereof are kept well ventilated, thus obviating much of the damage which occurs to perishable goods from the lack of proper ventilation during shipment or storage. To accomplish this purpose, I have provided a crate which has corrugations, or offset portions, on its sides, top and bottom respectively, which form air passages. Each corrugation has a plurality of openings to assist in the ventilation of the contents.

In the specific form shown in the drawings, I provide a crate having substantially rectangular sides 1, a bottom 2 and a top 3, constructed of any suitable material, such as sheet metal, straw-board or the like. These members are secured to ends 4 by means of

nails or screws 6. Further, the sides, top and bottom respectively are provided with a plurality of corrugations or offset portions 7, the latter having openings 8 whereby air may freely enter to pass around the contents of the crate. These corrugations may be of rectangular cross section as shown, or may be of any other suitable form. Preferably they extend longitudinally of the sides, top and bottom respectively, though not necessarily so. I further provide a partition 9 of wood or the like, which extends above the sides 1 and supports the top 3 so that an opening is left between the side edges of the top and the upper edges of the sides. This construction is preferably employed where fruit is to be shipped, as one may easily see in what condition the contents are. It should further be noted that the edges of the top, the bottom and the sides are bent back upon themselves to form ribs 10, to strengthen the construction, as well as to receive wire members 11, the latter having their ends suitably bent so that after the crate has been put together they may be hammered into the ends 4, as shown in Fig. 1, thereby firmly securing the edges. Further openings 12 may be provided between the corrugations to insure better ventilation for the contents of the crate.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A crate comprising end members, sides, a top and a bottom having their ends secured to the end members, said sides, top and bottom being provided with a plurality of open ended outward corrugations, provided at intervals with perforations and a partition in the crate intermediate the ends thereof, said partition being of greater height than the ends whereby to space the transverse center of the top above the plane of the top of the crate for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES IRVING McCLUNG.

Witnesses:

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