# Doolittle & Carson,

## Fruit Crate,

No. 30,303, Patented Oct. 9, 1860.

Fig. 1.

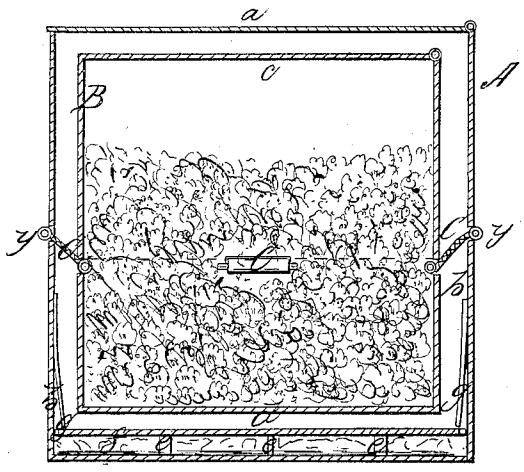
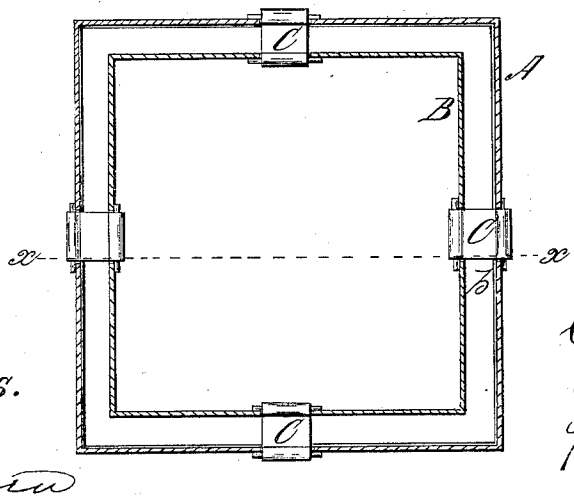



Fig. 2.




Witnesses.
J W Comby
R. S Spencer

Inventors.
Chas Doolittle
Alfred Carson
per Munn & Co
Attorneys

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

# UNITED STATES PATENT OFFICE.

C. DOOLITTLE, OF OSWEGO, AND A. CARSON, OF NEW YORK, N. Y.

## FRUIT-CASE.

Specification forming part of Letters Patent No. **30,303**, dated October 9, 1860.

*To all whom it may concern:*

Be it known that we, CHARLES DOOLITTLE, of Oswego, in the county of Oswego and State of New York, and ALFRED CARSON, of the city, county, and State of New York, have invented a new and improved receptacle for transporting fruit and other articles or substances which are liable to be bruised or otherwise injured in being moved or transported in ordinary receptacles; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a vertical section of our invention, taken in the line *x x*, Fig. 2; Fig. 2, a horizontal section of the same, taken in the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts in the two figures.

To enable those skilled in the art to fully understand and construct our invention, we will proceed to describe it.

A represents a case or box, which may be of rectangular or other proper form, and constructed of wood, metal, or other suitable material. This case or box A is provided with a lid, *a*, and within the case or box there is placed a box or receptacle, B, which may correspond in form to the case or box A, but sufficiently smaller to admit of a space, *b*, of about equal width all around the receptacle. The receptacle B is secured in proper position within the case or box A by means of springs C. These springs may be constructed of india-rubber (gum) or other suitable elastic material, and their outer ends are connected to the sides of the case or box at about their centers, the inner ends of the springs being attached to about the center of the sides of the receptacle B. One or more springs may be attached to each side of the receptacle. The springs keep the receptacle suspended within the case or box A, and admit of its springing both vertically and laterally, so that all concussions and sudden jars to which the case or box A may be subjected during transportation or handling will not be transmitted to the receptacle B and its contents.

The receptacle may be provided with a lid, *c*, and have within it any suitable shelving, partitions, or small boxes, that may be required for the purpose of holding or packing the contents within the receptacle.

In the lower part of the case or box A there is placed a partition-plate, *d*. This plate rests on studs or stumps *e* on the bottom of the case or box A, said studs or stumps being sufficiently high to form a chamber, *f*, below the plate *d* to receive ice. The plate *d* is a trifle smaller in area than the bottom of the case or box, so as to allow a communication between the chamber *f* and the space *b* within the case or box A. The plate may, if necessary, be perforated, to effect the same result. The plate may be prevented from casually moving from a proper position by means of springs *g*, attached to the inner sides of the case or box A and extending down to the plate.

In certain cases—as, for instance, in warm weather, when fruit is being transported—the ice-chamber will be found very important. When not required, the plate *d* may be removed, if desired, by detaching and lifting out the receptacle B from the case or box A. The chamber *f* is supplied with ice in this way, and the springs C should be so arranged that they may be readily detached from the case or box A or receptacle B in order to admit of the ready removal of the latter.

We do not claim, broadly, the suspending of the fruit-receptacle upon springs; but,

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The construction of the fruit-case with a receptacle, B, springs C, and an ice-chamber, *f*, the whole arranged and operating as and for the purposes herein set forth and described.

CHARLES DOOLITTLE.
ALFRED CARSON.

Witnesses for C. Doolittle:
WM. HATHWAY,
GEORGE STONE.

Witnesses for A. Carson:
B. GIROUX,
M. M. LIVINGSTON.