

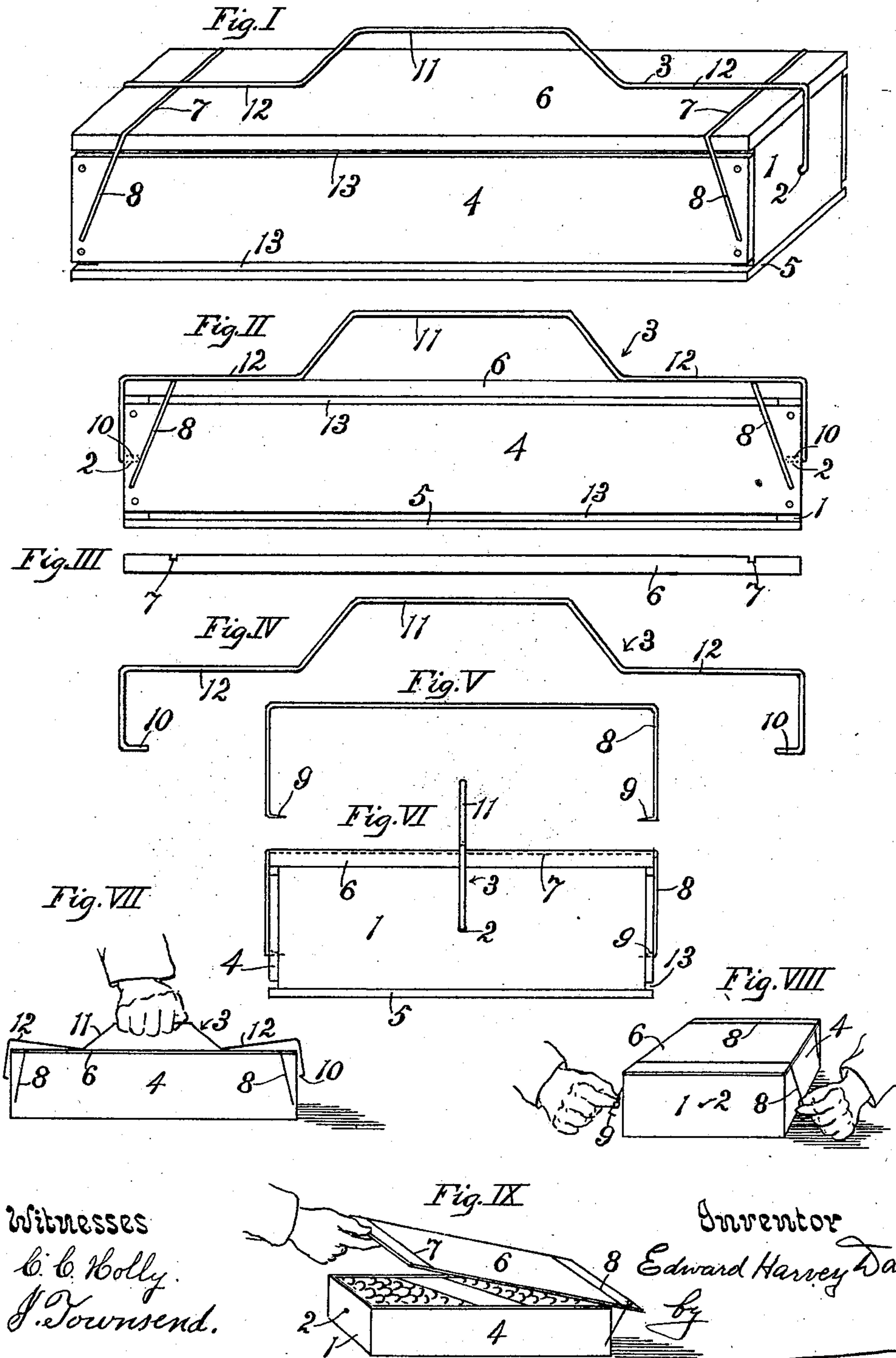
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Patented Sept. 9, 1902.

E. H. DAVIS.  
PACKAGE.

(Application filed Sept. 20, 1901.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## PACKAGE.

SPECIFICATION forming part of Letters Patent No. 708,696, dated September 9, 1902.

Application filed September 20, 1901. Serial No. 75,970. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD HARVEY DAVIS, a citizen of the United States, residing at Mesa Grande, in the county of San Diego and State of California, have invented a new and useful Package, of which the following is a specification.

The object of this invention is to provide a package for fresh fruit, dried fruit, raisins, glaze fruit, candies, and any and all commodities which it is desirable to pack for sale, transportation, or any other purpose.

This invention is applicable in packages of any desired dimensions and may be variously applied. It is especially desirable for cherries, raisins, and other commodities or articles which are arranged to be displayed when the package is opened; and an object of my invention is to provide a cheap, simple, and convenient package which can be readily opened without the use of any means which will disturb the contents of the package.

The accompanying drawings illustrate my invention in the form in which I have employed it for small packages of cherries; but I do not limit myself to the particular form shown.

Figure I is a perspective view of my newly-invented package as applied in a box for fresh cherries. Fig. II is a side elevation of the same. Fig. III is a side elevation of the cover removed. Fig. IV is a view of the handle-bail removed. Fig. V is a view of one of the fastening-bails removed. Fig. VI is an end view of the package with the bails in place. Fig. VII is a side view of a package embodying my invention and showing the method of removing the handle-bail. Fig. VIII is an end view of a like package, showing the method of removing the fastening-bail. Fig. IX shows a like package when one of the fastening-bails has been removed and the user is lifting the lid to gain access to the contents of the box.

The completed package comprises the two main members comprising the box or receptacle and the lid and the bails which fasten the two members together.

1 indicates the box ends, which are preferably respectively punched in the center with

a hole 2, large enough to admit freely a No. 12 or 14 wire, which is preferably a coppered wire, and is intended to serve the purpose of a handle. 3 indicates said coppered handle-wire.

4 indicates the side pieces of the box, 5 the bottom, and 6 the lid. The lid is provided with catches or stops at each edge, preferably formed by transverse notches or grooves 7. 8 indicates the fastening-bails, which are caught in said catches, respectively, and are arranged aslant and provided at their ends with retainers 9, inserted in the receptacle 1 of the package. When the bails are thus arranged, the lid is firmly held in place. By providing the lid or cover with stops at its edges the strain upon the bails will be taken off the central portion and placed entirely upon the diagonally-arranged portions and will come in direct line therewith, whereby the tendency of said bails to slip toward the end of the lid, as would be the case with a fastener intermediate the sides or edges of the lid, will be avoided. By forming these stops as transverse grooves the main or central portion of the bail can be entirely seated therein, and thereby be prevented from being caught and damaged by external objects in shipping. The lid can thus be fastened in place before the bottom 5 is nailed in place, so that the box can be inverted, and the cherries may be laid in place in the box and on the lid or cover with the stems in position to be concealed when the box has been filled and the bottom 5 secured in place and the box inverted and the lid removed.

In practice the lid will be brought into position shown in Fig. I either before or after the fruit, candy, glaze fruit, or other commodity to be packed has been packed, and then the fastening-bails 8 will be brought into the catch-notches 7 and the arms of the bails brought alongside the receptacle 4, and the retainers 9 will then be driven into the body of the receptacle. Then the handle-bail 3 will be applied. Said bail is furnished with inbent ends 10, which are inserted into the holes 2 in the end pieces 1 of the package. When thus secured, the package can be carried by the handle thus formed. The handle-



bail is furnished with a loop 11 to be grasped by the hand. Each end of the loop is bent at an angle to the top or main portion and also to the portion of the bail beyond, so that the central portion lies in a plane substantially parallel with the portions beyond the ends of the loop. By constructing the bail in this shape each end of the loop virtually forms a fulcrum, on which the outer portion of the bail will be rocked or tilted when the main portion of the bail is pressed down toward the box, and the tip will be thereby forced out of its seat in the end of the receptacle. When it is desired to open the package, the user will press down upon the loop 11, as indicated in Fig. VII, whereupon the members 12 of the bail, which ordinarily rest upon the lid of the receptacle when the inturned ends 10 of the handle-bail are inserted into the holes 2, will operate to withdraw the inturned ends 10 from their holes 2, as indicated in Fig. VII. To remove the lid, the user will withdraw the retainers of one of the fastening-bails 8, as indicated in Fig. VIII, thus releasing that end of the lid, whereupon the lid may be raised, as indicated in Fig. IX.

As hereinbefore stated, any suitable dimensions may be employed. For a three-pound fresh-cherry box the dimensions of the box should be as follows: ends, two inches wide by six inches long and three-eighths inch thick; sides, one and three-fourths inches or two inches wide by eleven inches long and one-eighth inch thick; top or lid, six and one-fourth inches wide by eleven inches long and one-fourth inch thick; bottom, six and one-fourth inches wide by eleven inches long and one-eighth inch thick. A box made to this scale will have a cubic capacity of one hundred and twenty-one and one-half cubic inches and will hold three pounds of fresh cherries. The dimensions in inches for a five-pound cherry-box are: ends, two and one-half by seven by one-half inches; sides, two or two and one-half by twelve and one-half by three-sixteenths or one-eighth; top, seven and one-fourth by twelve and one-half by one-fourth; bottom, seven and one-fourth by twelve and one-half by one-fourth inch. The cubic capacity of such box will be two hundred and two and one-half inches, and it will hold five pounds of fresh cherries.

The package which I have shown in the drawings is specially constructed for cherries and is therefore provided with ventilating-openings 13 along the sides between the lid 6 and the bottom 5.

It is to be understood that the end pieces 1, side pieces 4, and bottom piece 5 will be fastened together by nails or by any other suitable means.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A package comprising a receptacle having a loose lid provided with transverse grooves which extend continuously across the same; bails of a length sufficient to extend continuously across the top said bails adapted to be seated in said grooves and to embrace the sides of the receptacle, said bails arranged aslant and having spurred terminals adapted for driving into the sides of the body of the receptacle, to retain the lid in place.

2. A package comprising a receptacle, a loose lid having transverse grooves extending continuously across it near the ends; and bails seated on the lid near the ends and having bent portions to extend over the edge of the lid and down along the body of the receptacle, and provided with inturned prongs to be forced into said receptacle to retain the lid in place independent of other fastening devices.

3. A package comprising a receptacle having a bottom, sides and ends, and a removable top, said ends having holes near the center; bails seated on the top near the ends and having bent portions embracing the sides of the receptacle and having spurs to be forced directly into said sides, and a spring-bail arranged at right angles to and above the bails and having the ends to pass over the ends of the package and seat in said holes.

4. A package comprising a receptacle; a lid therefor, and a bail said bail having its ends fitted to the receptacle and having portions extending parallel and in contact with the lid and having said portions connected by an intermediate loop whereby an inward pressure upon the loop causes the angles at the junction of the loop with the said parallel portions to fulcrum against said lid and detach the ends of the bails from the receptacle.

5. A package comprising a receptacle; a lid fastened on said receptacle; and a bail having inbent ends inserted in the receptacle, the central portion of the bail being bent to form a loop, each end of which loop is bent at an angle to the central portion and to the portions of the bail beyond, whereby each end will act as a fulcrum to swing the ends of the bail outward when the central portion is pressed downward.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at San Diego, California, this 6th day of September, 1901.

EDWARD HARVEY DAVIS.

Witnesses:

Mrs. S. E. WELLS,  
J. B. BRACKETT.