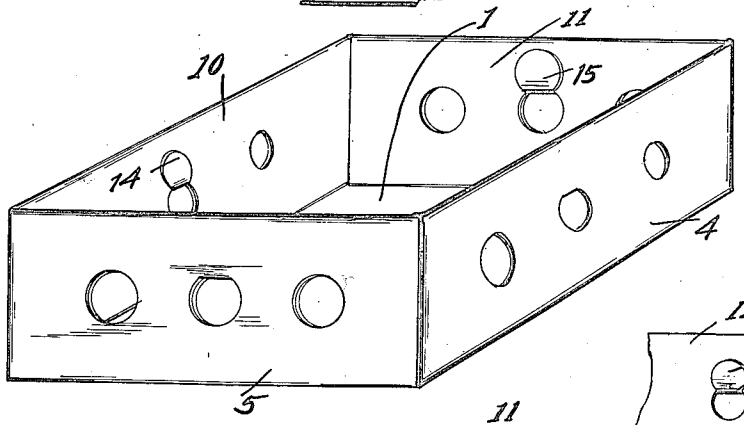
Sept. 25, 1923. 1,468,696

W. J. BRAY

FRUIT BOX BLANK

Filed June 8, 1921

Fig. 1.



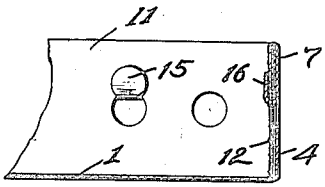
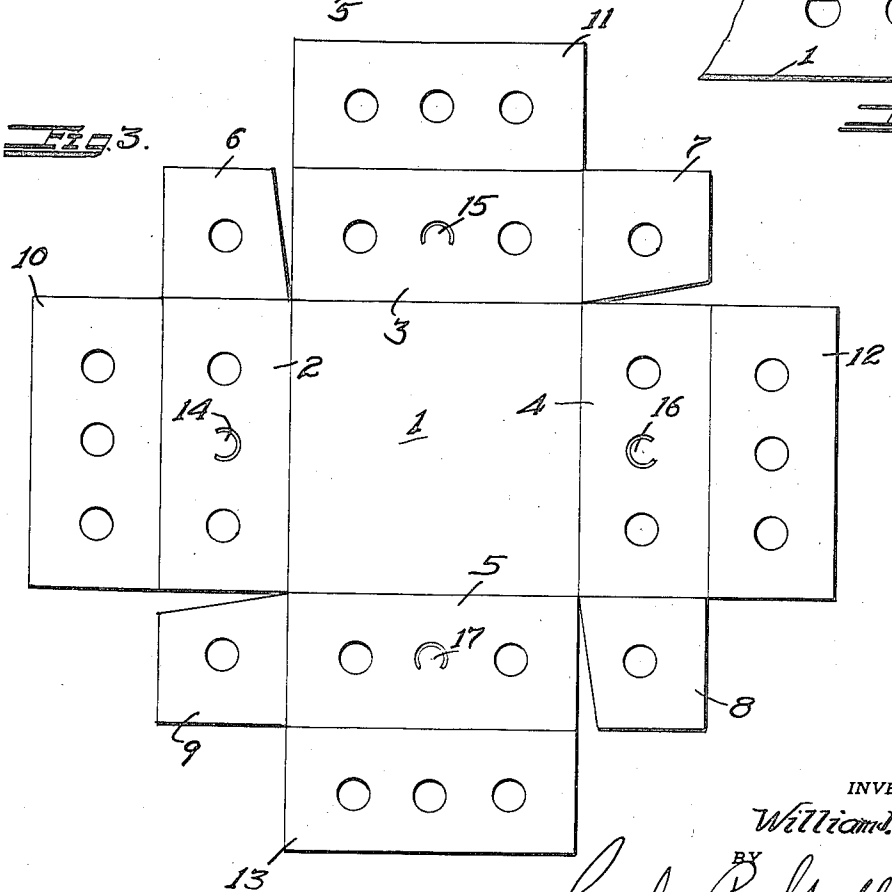


Fig. 2.

Fig. 3.



INVENTOR.

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Patented Sept. 25, 1923. 1,468,696

UNITED STATES PATENT OFFICE.

WILLIAM J. BRAY, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR TO SCHMIDT LITHOGRAPH COMPANY, A CORPORATION OF CALIFORNIA.

FRUIT-BOX BLANK.

Application filed June 8, 1921. Serial No. 476,064.

To all whom it may concern:

Be it known that I, WILLIAM J. BRAY, a citizen of the United States, residing at San Francisco, in the county of San Francisco, State of California, have invented a new and useful Fruit-Box Blank, of which the following is a specification in such full and clear terms as will enable those skilled in the art to construct and use the same.

This invention relates to a folding box for berries, fruit and the like, and its object is to produce a box which can easily be set up and which will be self-locking when set up so that neither glue nor staples are required to hold the box together.

It will be understood by those skilled in the art that in order to produce a satisfactory berry or fruit carton, it is necessary to heavily paraffine the fiber-board or chip-board from which the box is made. This makes gluing unsatisfactory and it is also necessary to somewhat stiffen the edges of the box so that in the present invention each of the box edges is doubled.

Another object of the invention is to produce a berry tray which can be quickly set up without the use of skilled labor, the creases and cuts being so formed as to enable the box to be very readily folded up for use.

Other objects of the invention will appear as the description proceeds.

An embodiment of the invention is shown in the accompanying drawings in which the same reference numeral is applied to the same portion throughout, but I am aware that there may be modifications thereof.

Fig. 1 is a perspective view of the complete tray.

Fig. 2 is a sectional view of one side of the tray and a portion of another side, and

Fig. 3 is a plan view of the blank from which the tray is cut.

The numeral 1 indicates the bottom of the box, which in the present example is square. This bottom has four side panels, 2 to 5 inclusive connected therewith, which are creased at the edges of the bottom 1. Each of the side panels has an end tab as indicated at 6 to 9 inclusive, said end tabs being tapered at one edge to make them more easily fit into place. The side panels have extra side flaps connected therewith, as indicated at 10 to 13 inclusive which are folded over the tabs 6 to 9 inclusive inside the box to hold the box in a set-up position. The several side panels, side flaps and end tab have holes punched therein for ventilation and the outer side panels have small locking tabs cut therein which register with holes in the inside flaps 10 to 13 inclusive when the box is set up. When the box is set up these locking tabs are pushed through the inner holes, and the fruit when placed in the box prevents them from coming out, and they hold the box in place. The box is set up by raising the several panels along the folding lines at the edges of the box, and the end tabs 6 to 9 inclusive are placed inside the side panels and then the flaps 10 to 13 inclusive are bent over the inside the box and inside the adjacent end panels after which the small tabs 14 to 17 are pushed through the inside flaps and lock the box in a set-up position. These folding operations may be very rapidly accomplished, and when the box is once set up, it is very firm and not easily collapsed, because its side walls are doubled.

What I claim is as follows, but various modifications may be made in the construction shown in the drawings and above particularly described form, within the purview of my invention:

A berry or fruit carton comprising a rectangular base having a side panel at each edge thereof, an end tab carried by each side panel and shorter than it, an auxiliary flap on each side panel, said auxiliary flaps being adapted to be turned inside the box to cover the side panel end tabs for locking said end tabs within the carton, and a locking tab carried by each side panel adapted to be projected through an opening in the auxiliary flap in register therewith to lock the box in a set-up condition.

In testimony whereof I have hereunto set my hand this 27th day of May A. D. 1921.

WILLIAM J. BRAY.