

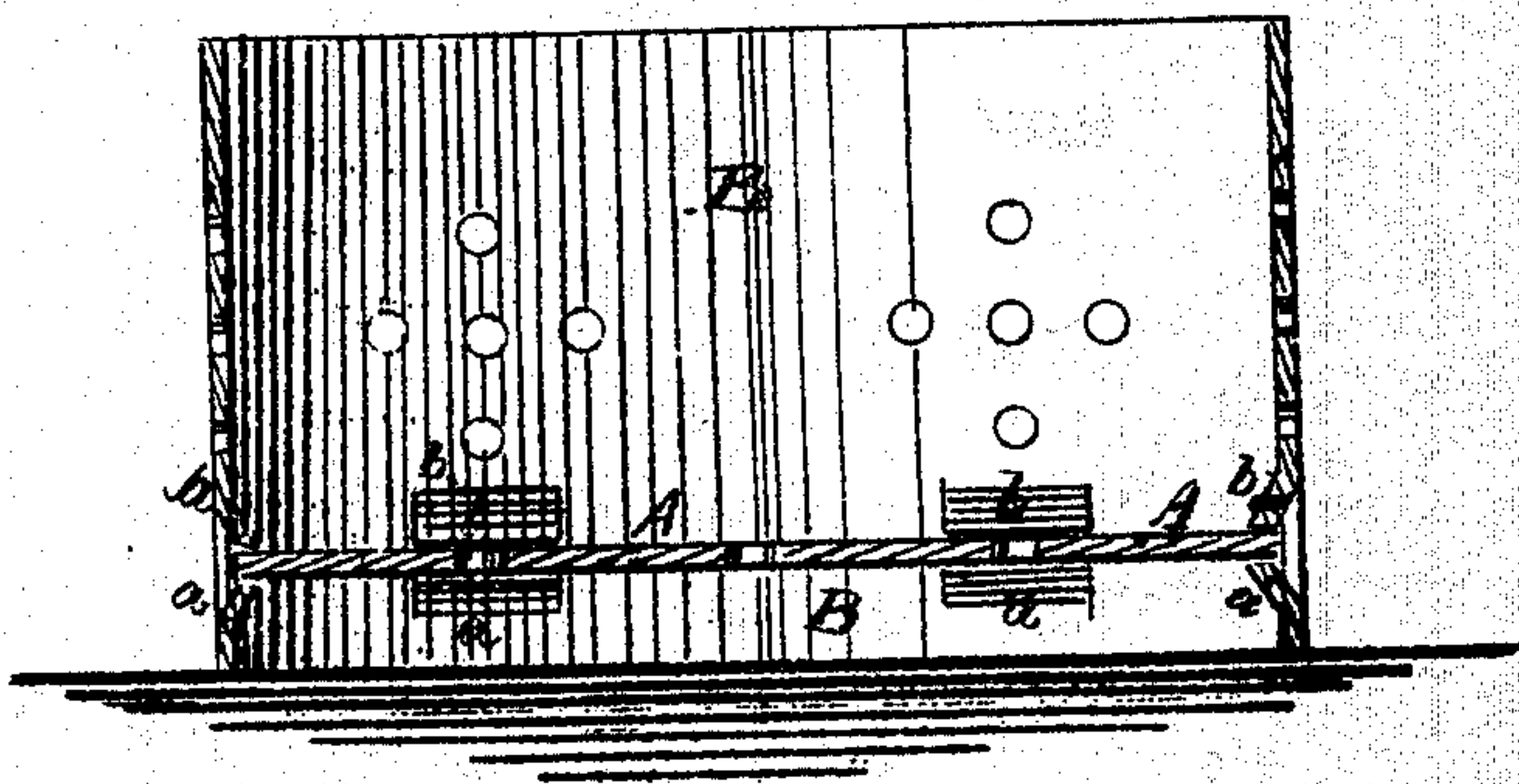
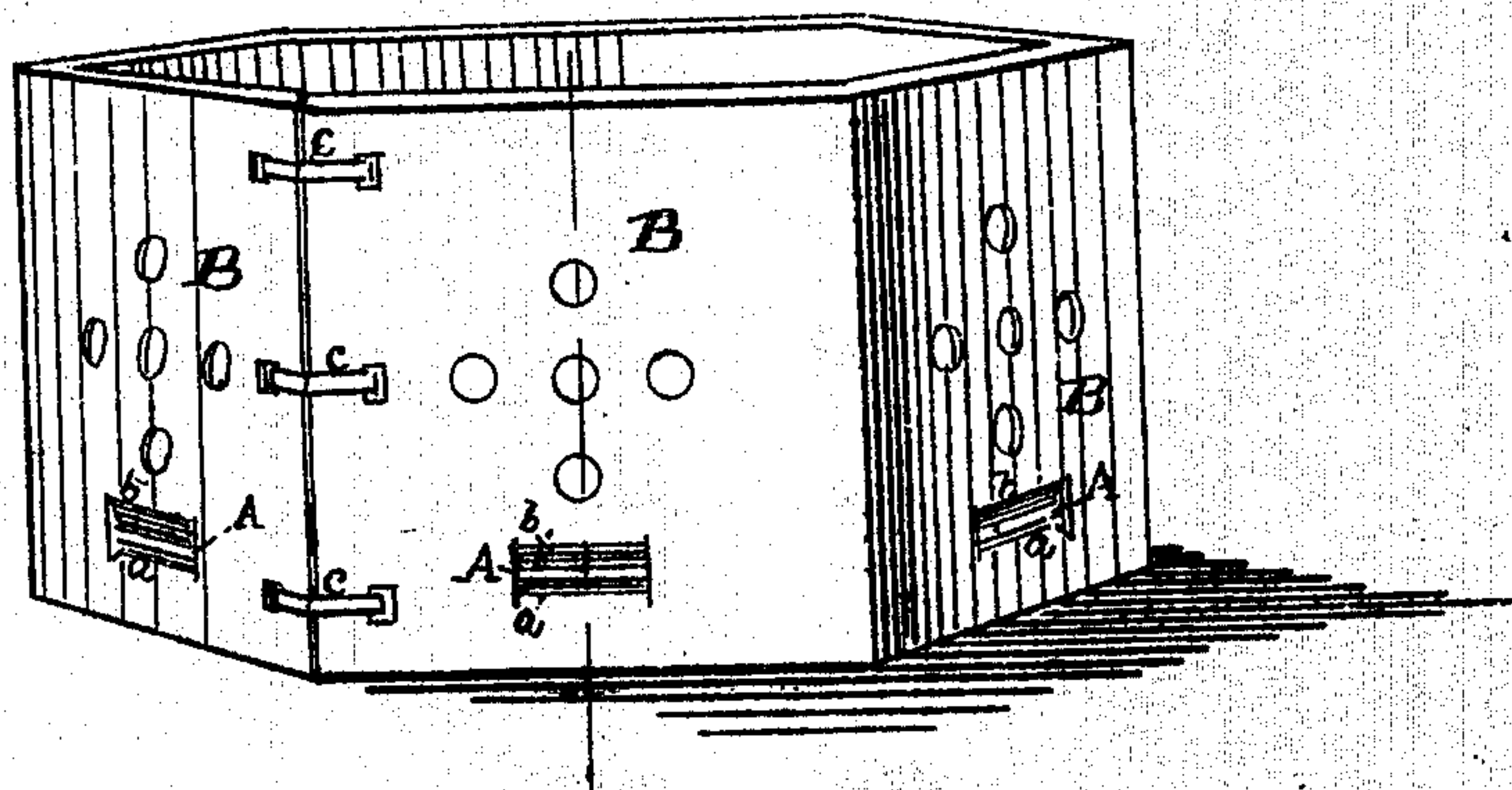
Henry B. Wilcox Imp^d Fruit Box.

PATENTED

NOV 26 1867

71435

Fig: 1



Witnesses:

Theo. Insehe
W. Trewin

Inventor:

Henry B. Wilcox
Per *Wm. H. L.*
Attorneys

United States Patent Office.

HENRY B. WILLCOX, OF TROY MILLS, PENNSYLVANIA.

Letters Patent No. 71,435, dated November 26, 1867.

IMPROVEMENT IN FRUIT-BOX.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, HENRY B. WILLCOX, of Troy Mills, in the county of Delaware, and State of Pennsylvania, have invented a new and improved Fruit-Box; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a perspective view of my improved fruit-box.

Figure 2 is a vertical central elevation of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new manner of constructing polygonal fruit-boxes, and consists in so providing and arranging the side boards that the bottom is held between the same, and is prevented from moving up or down without projecting beyond the outside of the box. The whole box is or may be made of pasteboard, the bottom and sides being perforated, to allow proper ventilation.

A represents the bottom of the box. The same is made of pasteboard, of sufficient thickness and strength to support the weight of the berries or fruit that may be placed in the box. It is made of octagonal or other polygonal shape, of the exact dimensions of the inside of the box. It is perforated, as is clearly shown in fig. 2.

B B are the sides of the box. The same are formed of a single strip of pasteboard or other suitable material, which is as wide as the box is to be high, and as long as the circumference of the box. The strip is cut through about half its thickness on the inside, in the lines where the corners of the box are to be. The strip is stamped, so as to provide the necessary perforations, and also to make an incision in each of the sides of the box, at a height above the lower edge of the strip at which the bottom is to be held. These incisions are parallel with the lower and upper edge of the strip, and about half an inch long, more or less. At their ends are incisions, which are at right angles with the horizontal cut, whereby two lugs, or rather flaps, *a b*, are formed, one above and one below the horizontal incision, as is clearly shown in the drawings. The said flaps are then bent in, as shown, so as to stand at angles of about forty-five degrees from the body of the strip. The strip is then bent into the required form, and its ends are united by metallic or other hooks or clasps, *c c*, as shown. Then the bottom is inserted into the box, so as to come between the flaps *a* and *b*, which are all in the same level with each other in each of the sides of the box. The upper flaps will yield to let the bottom upon the lower flaps, and will then spring out again, so that the said bottom will be firmly held between the flaps *a* and *b*, firmly resting upon the former, as shown. As the bottom is, or at least those portions of it which are to be held between the flaps are, exactly fitted into the inside of the box, no portion of the bottom will project beyond the outside of the same, and the boxes can thus be packed very close.

Making fruit-boxes of pasteboard, without any seams or sewing, and without the use of paper or other lining, is new, and such boxes will be considerably cheaper than the wooden boxes which are now usually made.

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

Securing the bottom of a fruit-box to its sides by means of flaps *a* and *b*, which are formed respectively above and below the bottom, by means of incisions into the sides of the box, substantially as and for the purpose herein shown and described.

H. B. WILLCOX.

Witnesses:

WM. H. PALMER,
GEORGE MCGOWAN.