May 6, 1924.

E. E. PINKERTON

1,493,460

CONTAINER

Filed Aug. 23, 1922

2 Sheets-Sheet 1

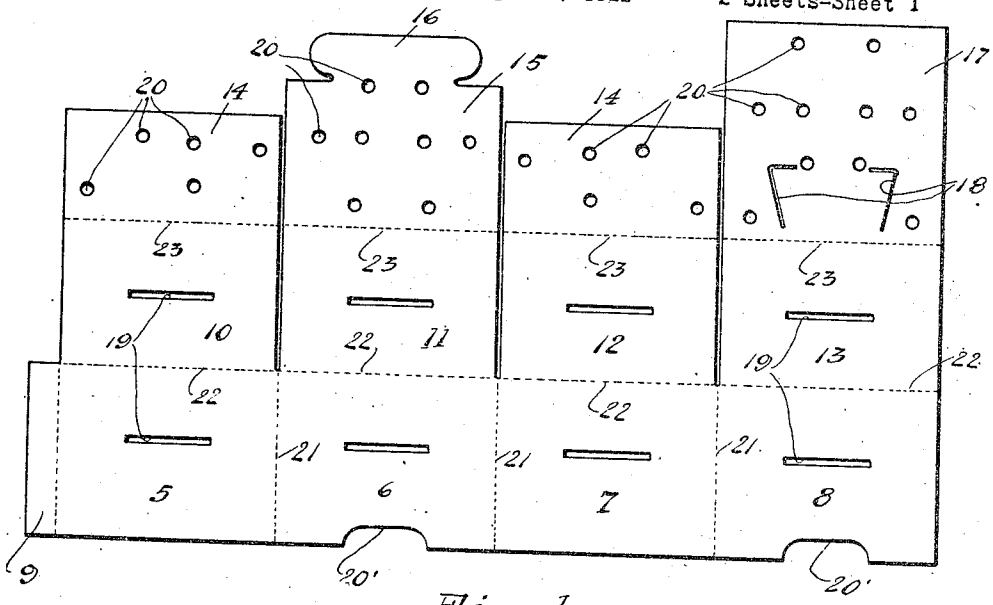


Fig. 1

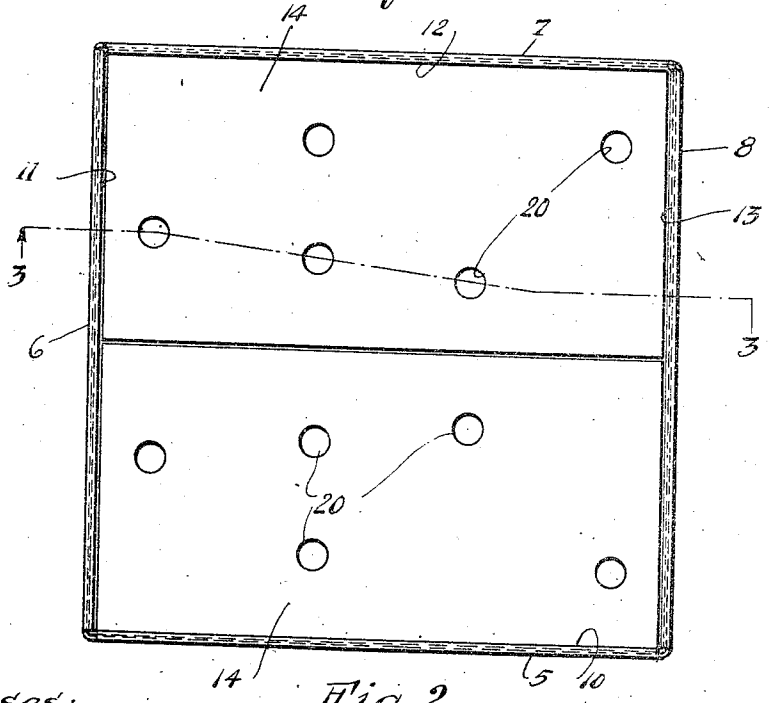


Fig. 2

Witnesses:
W. Schmidhardt
F. S. Weidman

Inventor:
Edward E. Pinkerton
By Joshua R. H. Potts
His Attorney

May 6, 1924.

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2 Sheets-Sheet 2

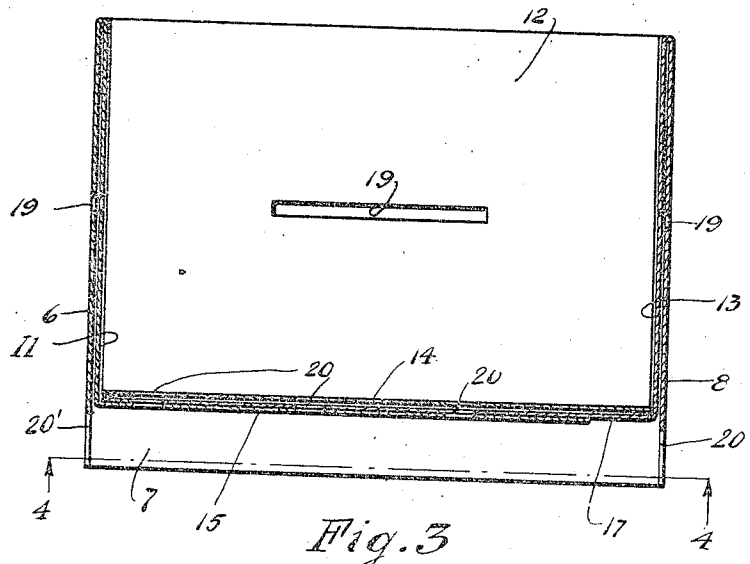


Fig. 3

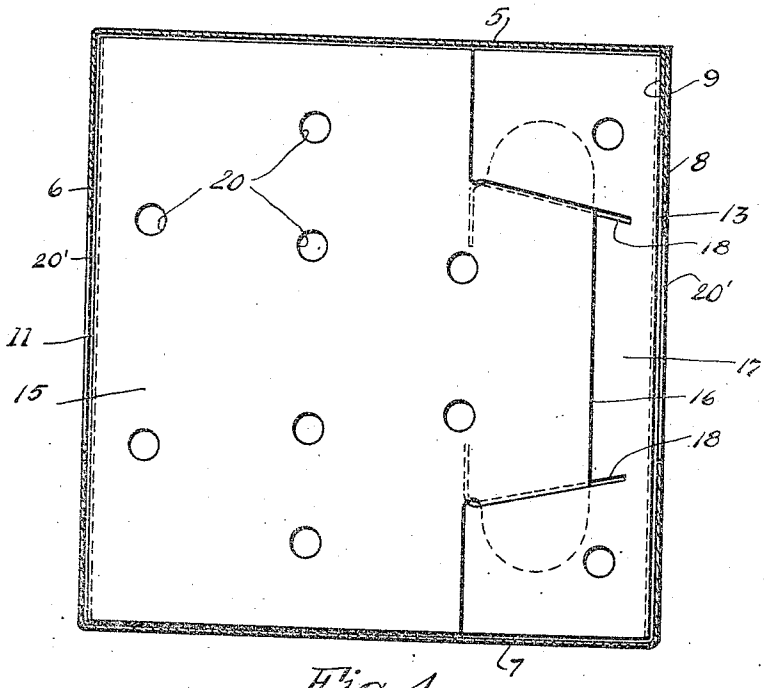


Fig. 4

Witnesses:
Wm. Schnellbach
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Patented May 6, 1924. 1,493,460

UNITED STATES PATENT OFFICE.

EDWARD E. PINKERTON, OF CHICAGO, ILLINOIS.

CONTAINER.

Application filed August 23, 1922. Serial No. 583,699.

To all whom it may concern:

Be it known that I, EDWARD E. PINKERTON, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Containers, of which the following is a specification.

This invention relates to containers, and more particularly to cardboard receptacles for berries, fruits, vegetables, and the like, and has for its object the provision of a foldable container having a reenforced bottom and sides, so as to render same durable and efficient.

Another object of the invention is to provide a construction in which the number of thicknesses of the bottom thereof may be varied to suit particular conditions.

Still another object is to provide a construction whereby receptacles of different capacities may be provided for by a small alteration of the blank from which the receptacle is assembled.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Fig. 1 is a plan view of the blank from which the container is assembled;

Fig. 2 is a top plan view of the assembled container;

Fig. 3 is a sectional view on the line 3—3 of Fig. 2; and

Fig. 4 is a section on the line 4—4 of Fig. 3.

My invention contemplates a container constructed of cardboard of comparatively light weight, preferably which has been treated to a coat of paraffin on one or both sides, but it is obvious that any other suitable material may be utilized in this connection. It is intended to provide a collapsible container having a reenforced bottom of several thicknesses, and reenforced walls, in such a manner as to necessitate a minimum of material.

Referring now to the drawings, the sides of the container are designated by the numerals 5, 6, 7 and 8, and one of the outer sides is provided with a flap 9. The sides 5, 6, 7 and 8 are provided with similar extensions 10, 11, 12 and 13, which extensions may be of any desired length for a purpose as will presently appear. The extensions 10 and 12 are provided with flaps 14, which flaps also may be either of the length shown in the drawings, or twice such length if desired. The extension 11 is provided with a flap 15 of any suitable length, having a locking tongue 16 thereon, and the extension 13 has a flap 17 of any suitable length, containing locking slits 18. The sides and extensions are provided with ventilating slits 19, and the flaps 14, 15 and 17 are provided with ventilating apertures 20, all of which apertures are adapted to register when the container is assembled. The sides are also preferably provided with notches 20′ in its edges for ventilation as shown. The operative parts of the blank from which the container is made up are clearly shown in Fig. 1, and it is apparent that a blank of this character requires a minimum of material.

In assembling the container the sides 5, 6, 7 and 8 are folded on the dotted lines 21 and the flap 9 secured to the outer surface of the side 8 by any suitable means, glue being preferred, though of course other securing means may be used if desired. The extension 11 and the flap 15 are then folded on the dotted lines 22 and 23, into the container, so that the flap 15 extends across same. The extension 13 and the flap 17 are folded into the container so that the tongue 16 may be engaged with the slits 18 and lock the members in position. The extensions 10 and 12, and flaps 14 thereon are then folded into the container and rest upon the bottom formed by the flaps 15 and 17, the flaps 14 being of such length that when arranged edge to edge they extend across the bottom of the container 16, the abutting edges of the flaps serving to retain them in their operative positions.

By this arrangement a container having smooth edges and reenforced sides is provided, together with a reenforced bottom having three thicknesses of material. If it is desired, the flaps 14 can be extended so as to cover the entire bottom of the container, in this manner providing four thicknesses of material. The depth of the container can be varied by varying the length of the extensions 10, 11, 12 and 13, the

shorter the extensions are with respect to the sides 5, 6, 7 and 8, of course, the less the depth and capacity of the container.

The invention provides a novel container which may be assembled from a blank of uniform pattern and thus a minimum of material, providing a container having a reenforced bottom and reenforced sides together with means for varying the thickness of the bottom, and the depth or capacity of the container.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation nd modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

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

1. A container having extensions on certain of its side walls foldable into said container to provide side walls of double thickness, said extensions having slits and tongue thereon for locking the same together so as to form an elevated bottom for said container; extensions on other of said side walls foldable into said container and arranged to rest upon said locked extensions with their adjacent edges abutting each other; there being ventilating apertures in said side walls and said extensions arranged so that when the extensions are placed in position said apertures will register; and ventilating openings in the bottom edges of the side walls of said container, substantially as described.

2. A box including side walls having extensions folded downward and then inward providing sides and a bottom of a plurality of thicknesses: interengaging means formed on said inwardly folded parts to hold the bottom in position, there being ventilating apertures in said side walls and said extensions to register when placed in position to provide openings in said sides and bottom; and ventilating openings in the bottom edges of the side walls of said container, substantially as described.

3. A box formed from a single sheet of material and having extensions folded downward, two of said extensions being provided with flaps turned inward and containing slits and a tongue for locking said flaps together, and the other extensions having flaps which rest upon said locked extensions and have their adjacent edges abutting each other, said extensions and said side walls having registering openings and said bottom flaps having registering openings for ventilating said box, and ventilating openings provided in the bottom edges of the side walls of said box, substantially as described.

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

EDWARD E. PINKERTON.

Witnesses:

JOSHUA R. H. POTTS,

CLARENCE E. THREEDY.