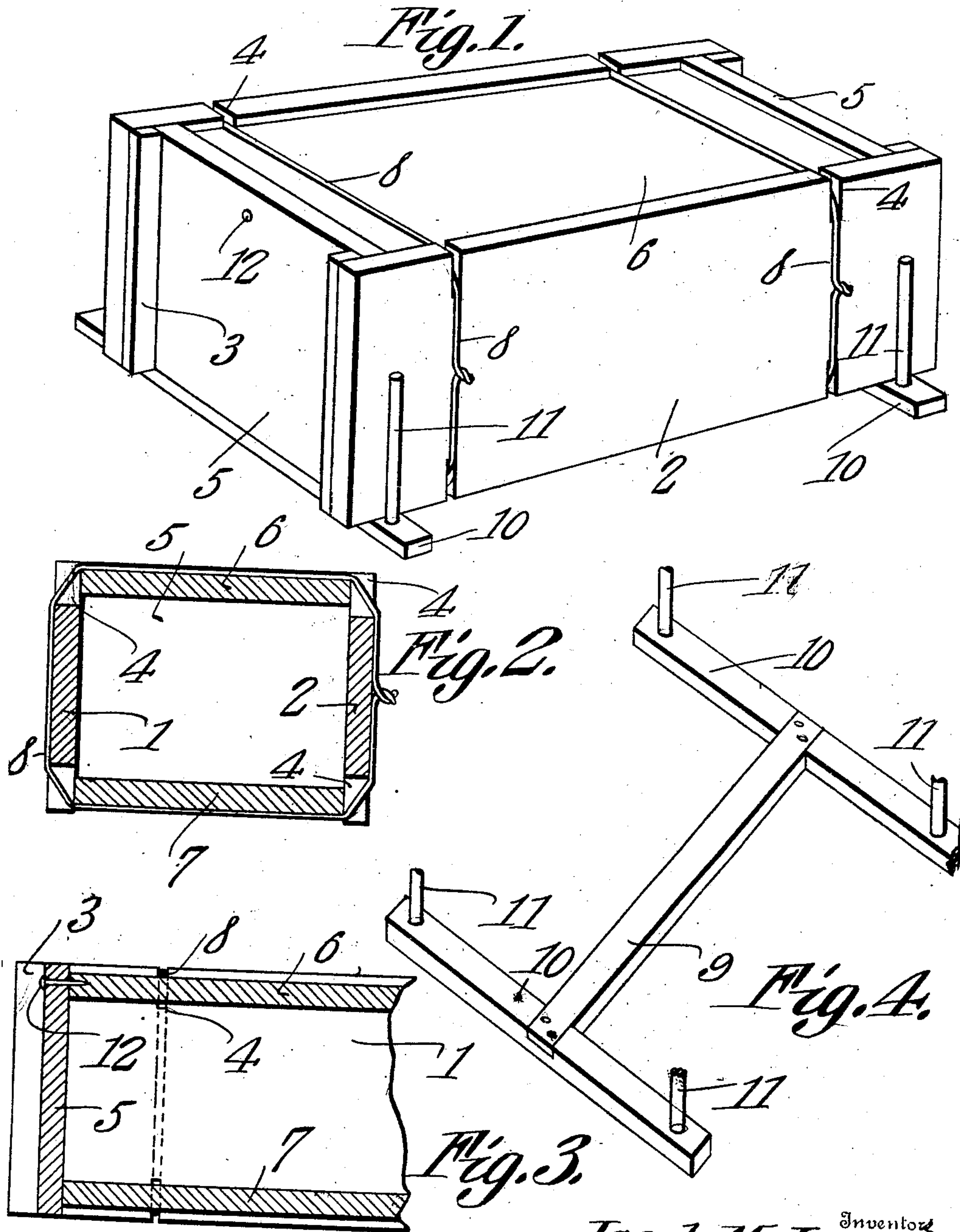


J. M. & D. C. JONES.  
 COLLAPSIBLE BOX.  
 APPLICATION FILED JULY 29, 1909.

958,647.

Patented May 17, 1910.



Witnesses  
*Herbert D. Lawson*

Inventors  
*Jacob M. Jones*  
*Dudley C. Jones*  
 By *Chas. Snow & Co.*  
 Attorneys



# UNITED STATES PATENT OFFICE.

JACOB M. JONES AND DUDLEY C. JONES, OF ST. JOHN, KENTUCKY.

## COLLAPSIBLE BOX.

958,647.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed July 29, 1909. Serial No. 510,174.

*To all whom it may concern:*

Be it known that we, JACOB M. JONES and DUDLEY C. JONES, citizens of the United States, residing at St. John, in the county of Hardin, State of Kentucky, have invented a new and useful Collapsible Box, of which the following is a specification.

This invention relates to shipping boxes or crates of that type particularly designed for holding apples and other fruits which should be tightly packed together while in transit.

One of the objects of the invention is to provide a device of this character which is simple in construction and the parts of which can be securely and adjustably held together.

A further object is to provide a receptacle of this character one of the walls of which can be conveniently removed without disturbing the contents of the receptacle, thus permitting an inspection to be made of said contents.

Another object is to provide a knock-down receptacle, the parts of which can be stored in a small space.

Another object is to provide simple means whereby the packing of the receptacle can be expedited.

With these and other objects in view, the invention consists in certain details of construction and combinations of parts, hereinafter more fully described and pointed out in the claim.

In the accompanying drawings, the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of a box embodying the present improvements, the same being shown set up and mounted on the holding device used in connection therewith. Fig. 2 is a vertical transverse section through the box. Fig. 3 is a vertical longitudinal section through one end portion of the box. Fig. 4 is a perspective view of the holding device, the supporting pins being broken away.

Referring to the figures by characters of reference, 1 and 2 designate the side walls of the box, each of these walls being provided along its ends with retaining cleats 3. Slots 4 are cut into the longitudinal edges of the walls 1 and 2 and project into said walls a desired distance, said slots being arranged in pairs and the slots of each pair being disposed in alinement. The end walls 5 of the box are designed to rest between the

side walls 1 and 2 and to bear against the cleats 3. The top 6 and the bottom 7 of the box are insertible between the walls and all of the parts are designed to be held together by wires, cords or other suitable flexible devices 8 placed within the slots 4 and secured together at their ends.

In a box such as is herein described, it is necessary to provide a holder for maintaining the parts in proper relation during the filling operation. One form of holder has been illustrated in Fig. 4. This holder consists of a central longitudinal strip 9 and parallel end strips 10, there being upstanding pins 11 within the end portions of the end strips and which are spaced apart a distance equal to the greatest width of the box when set up.

In using the box, the bottom 7 is placed on the holder and the side walls 1 and 2 are also placed on said holder and between the pins 11 and the sides of the bottom 7. The end walls 3 are then fitted between the side walls and will bear outwardly against the cleats 3. After the parts have thus been assembled, the material to be packed is placed within the box and the top 6 is then placed on said material and forced downward thereon so as to pack it tightly. The wire or the like is then extended under the box and wrapped therearound so as to rest within the slots 4 and by twisting the ends of the wire together the same will be caused to draw the parts tightly toward each other, forcing the top and bottom inwardly so as to bind firmly on the contents of the box. Each of the end walls 5 can then be held positively in closed position by driving a nail or the like, therethrough and into the top 6. After the parts have thus been secured together the filled box can be removed from the holder.

Should it be desired to examine the contents of the box without disturbing them, it would be necessary to stand it on end and to withdraw the nail 12 extending through the upper end of the box. Said end could then be slid from between the side walls 1 and 2 and the contents of the box will thus be visible. Should it then be desired to close the box, it would only be necessary to return the end wall to its former position and to refasten it by means of a nail. When it is desired to quickly remove the contents from the box, it becomes merely necessary to sever the wires or cords 8 whereupon the various



parts of the box will fall apart. Obviously these parts can be placed in a small place when not in use, and therefore be returned to the shipper at slight cost.

5 It is of course to be understood that various changes may be made in the construction and arrangement of the parts without departing from the spirit or sacrificing the advantages of the invention.

10 What is claimed is:—

A knock-down receptacle including side walls having alining slots extending there-  
into from the longitudinal edges thereof and  
adjacent to the ends of said walls, retain-  
15 ing cleats above the inner faces of said walls at the ends thereof, a top and a bottom interposed between the side walls and spaced at their ends from the adjoining cleats on the side walls, the slots in said walls extend-  
20 ing across the side edges of the top and the

bottom, tie devices within the slots and ex-  
tending around the receptacle, said devices  
bearing upon the outer faces of the top and  
bottom and being secured together at their  
ends to hold the top and bottom between the 25  
side walls, end walls removably mounted  
between the side walls and between the cleats  
and the adjoining ends of the top and bot-  
tom, and means within the end walls and de-  
tachably engaging the top or bottom for 30  
holding said walls against displacement rel-  
ative thereto.

In testimony that we claim the foregoing  
as our own, we have hereto affixed our signa-  
tures in the presence of two witnesses.

JACOB M. JONES.  
DUDLEY C. JONES.

Witnesses:

C. E. MORGAN,  
C. J. RICHESON.