

Sept. 9, 1924.

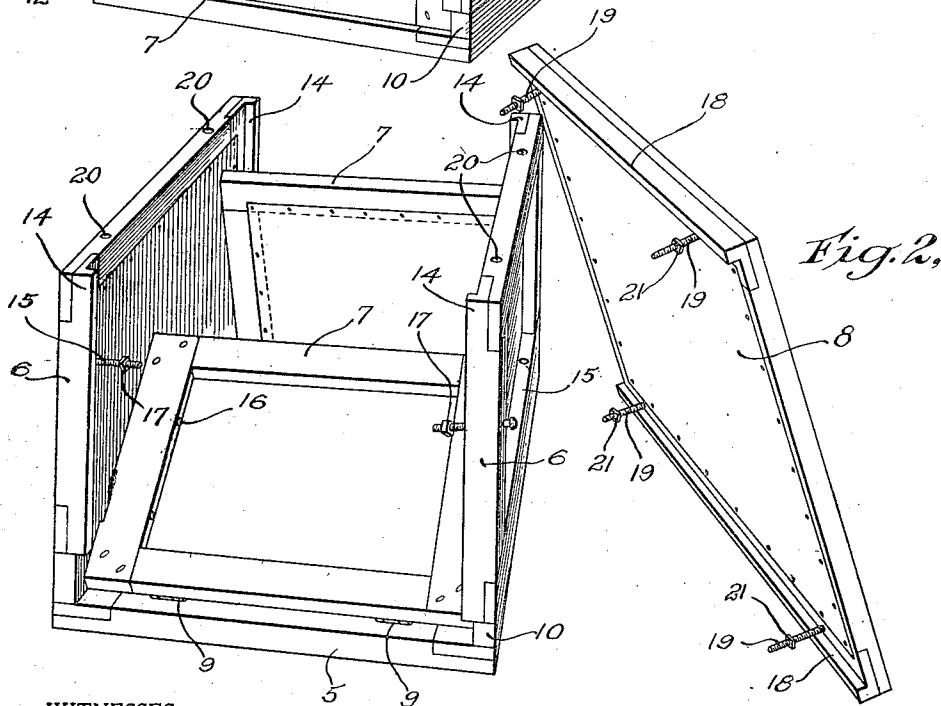
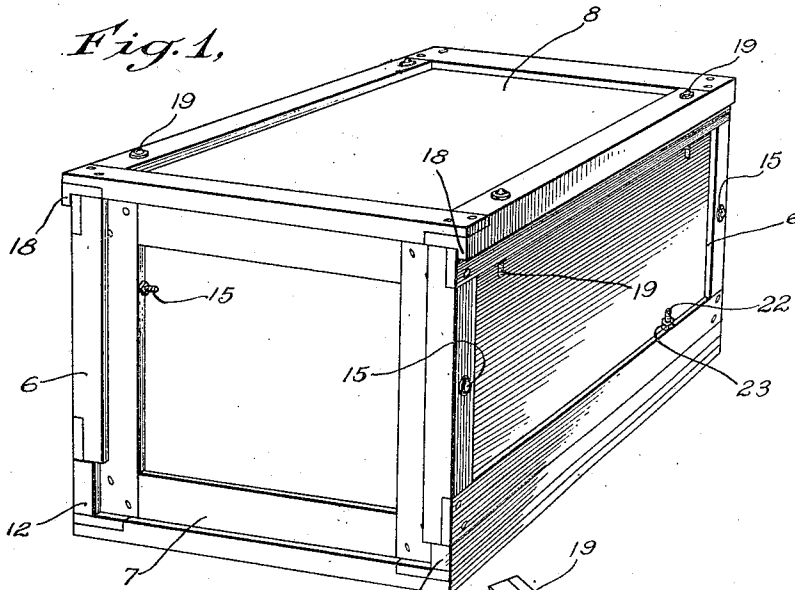
C. E. BARRIE
SHIPPING CASE

1,508,266

Filed Aug. 31, 1923

2 Sheets-Sheet 1

Fig. 1.



WITNESSES

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Fig. 3.

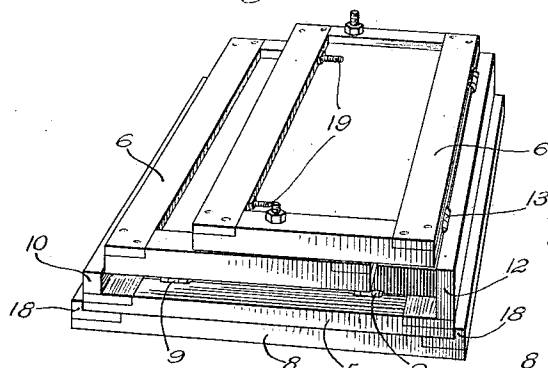
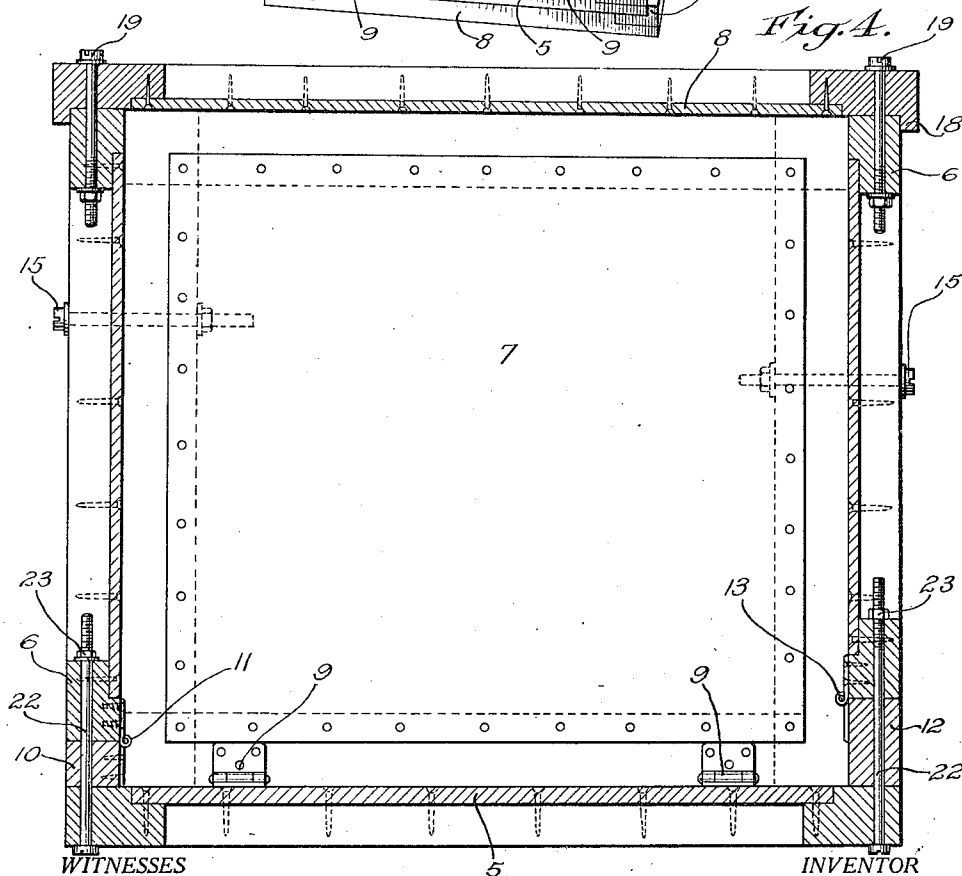


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

CHARLES ERNEST BARRIE, OF BRATTLEBORO, VERMONT.

SHIPPING CASE.

Application filed August 31, 1923. Serial No. 660,379.

To all whom it may concern:

Be it known that I, CHARLES E. BARRIE, a citizen of the United States, and a resident of Brattleboro, in the county of Windham and State of Vermont, have invented a new and Improved Shipping Case, of which the following is a full, clear, and exact description.

This invention relates to improvements in receptacles and has particular reference to a collapsible shipping case.

An object of the invention is to provide an improved shipping case of simple and inexpensive construction and which may be readily and quickly knocked down into compact form when not in use.

The above and other objects will appear more clearly from the following detail description when taken in connection with the accompanying drawings, which illustrate a preferred embodiment of the inventive idea.

In the drawings—

Figure 1 is a perspective view of the shipping case in its set-up position;

Figure 2 is a similar view in a partially knocked down position;

Figure 3 is a similar view showing the case entirely knocked down; and

Figure 4 is a vertical transverse section through the case.

Referring more particularly to the accompanying drawings, 5 indicates the bottom of the case, 6 the sides, 7 the ends and 8 the top. The various sections of the case may be made of any suitable material and each includes a rectangular frame having a sheet of veneer or the like secured thereto to complete the section.

Each end section 7 is connected to the end members of the bottom section 5 by means of hinges 9 which permit of said end sections being folded inwardly and down upon the bottom section 5, the end sections being of a depth substantially equal to one half the length of the bottom section, so that the top members of said end sections will meet when the same are in folded position.

The bottom section 5 has secured to one side member of the frame and extending longitudinally thereof a spacing strip 10 which is equal in thickness to that of the end sections 7 so that when the latter sections are in folded position the uppermost surfaces thereof will be substantially flush with the upper edge of the spacing strip 10. One of the side sections 6 is hingedly connected at 11 to the

spacing strip 10 and is adapted to be folded inwardly on top of the end sections 7 when the case is being knocked down. The opposite side member of the frame of the bottom section 5 has secured thereto in any preferred manner a second spacing strip 12 which is of a depth equal to the combined thicknesses of the section 7 and the side section 6 hinged to the spacing strip 10. Hingedly connected to the strip 12 at 13 is the other side section 6 which, in folding the case, is swung inwardly and downwardly on top of the first mentioned side section so that when the case is completely knocked down, as shown in Figure 3, the bottom, end and two side sections will be disposed in superimposed relation.

In order to aid in maintaining the end sections in upright position when the case is in use the end members of the side sections are provided with inwardly projecting flanges 14 against which the vertical members of the end sections abut to limit the outward swinging of said end sections and thereby maintain the same in upright position. To further maintain said end sections in proper position each section has associated therewith a pair of fastening devices in the form of bolts 15 each of which extends through one of the end members of a side section and through an aperture 16 in the adjacent end member of an end section, each bolt being removable and retained in position by a suitable nut 17 thereon. In this manner the end sections are held in proper position and when fastened to the side sections, the latter are also maintained in their operative positions.

The top 8 is provided along its longitudinal or side edges with the flanges 18 which, when the top is in position, receive therebetween the top members of said side sections 6 thereby preventing any possible outward movement of the side sections. To secure the top in closing position the same is provided with a plurality of fasteners 19 also in the form of bolts which depend from the top and extend through apertures 20 formed in the top members of the side sections, the bolts being secured in position by nuts 21. The bolts 15 and 19 extend outwardly of the end and side sections, respectively, so that the nuts 17 and 21 may be readily removed preparatory to knocking down the case. When the case is knocked down the top section may be inverted, as shown in Figure 3,

and the bottom section 5 disposed between the flanges 18.

To further lend rigidity to the construction other fastening devices 22 are extended through the side members of the bottom section 5, the spacing strips 10 and 12 and the bottom members of the side sections 6, said fastening devices being removably secured in position by nuts 23.

From the foregoing description it will be apparent that the invention provides a shipping case which, when in its assembled or set-up position, affords a rigid construction and which, when knocked down, assumes a compact form which will occupy a minimum space.

What is claimed is:

In a shipping case, a bottom section, spacing strips of different depths secured along longitudinal edges of said bottom section, end sections pivotally connected to said bot-

tom section and being of a thickness substantially equal to one of said spacing strips, side sections having flanges at the ends thereof adjacent which said end sections abut to limit the outward movement of said end sections, the combined thicknesses of one of said end sections and one of said side sections being substantially equal to the depth of the other spacing strip, bolts extending through said adjacent members of said side and end sections, nuts on said bolts engageable with edges of said members to secure said sections together, a top section having flanges along longitudinal edges thereof for receiving therebetween said side sections, bolts extending through said members of said top and side sections, and nuts on the last-named bolts engageable with edges of the latter members to secure said top in closing position.

CHARLES ERNEST BARRIE.