June 15, 1926. 1,589,112

G. CHAMBERLAIN

COLLAPSIBLE CRATE

Filed March 30, 1925

Fig. 2.

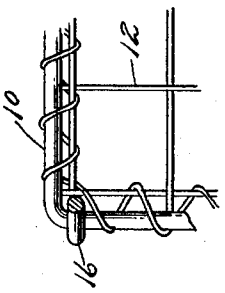


Fig. 3.

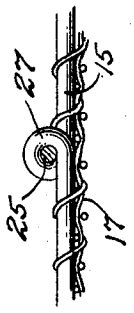
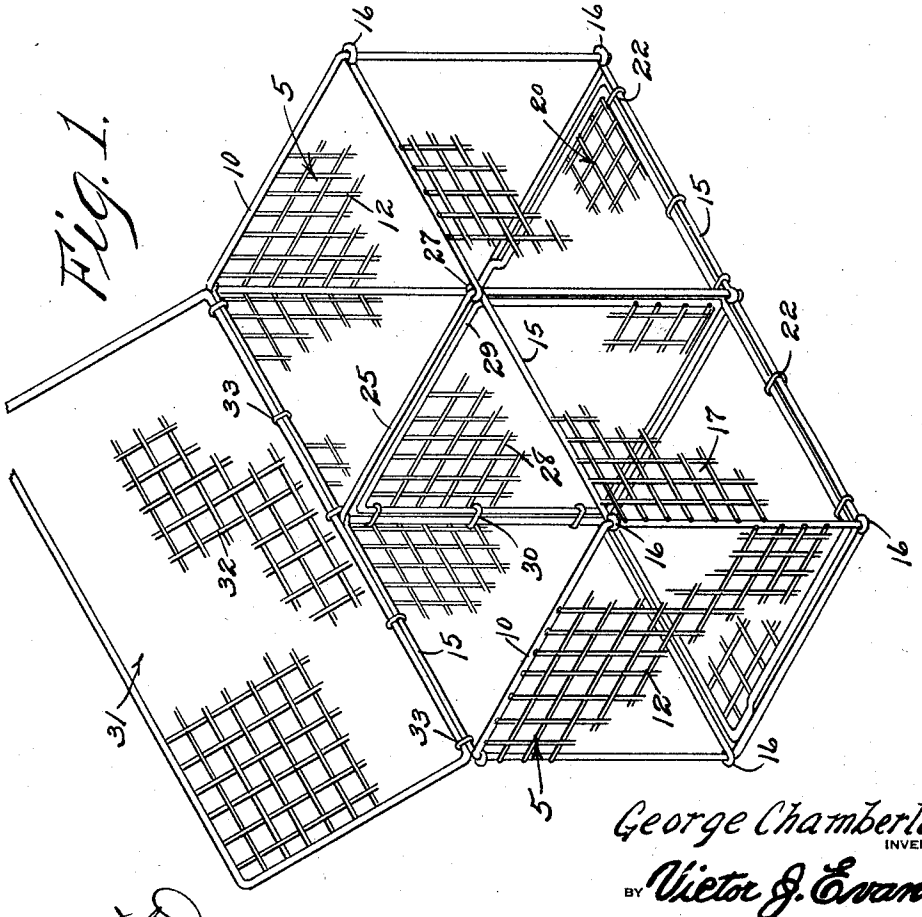


Fig. 1.



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WITNESS: John Donovan

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UNITED STATES PATENT OFFICE.

GEORGE CHAMBERLAIN, OF STRAWBERRY POINT, IOWA.

COLLAPSIBLE CRATE.

Application filed March 30, 1925. Serial No. 19,449.

This invention relates to collapsible crates and its primary object is to provide a collapsible or knock down crate which can be quickly and readily set up for use when desired.

A further object of the invention is to provide a knock down crate which is constructed from a plurality of hingedly connected sections so arranged as to permit the crate to be readily knocked down and stored in a small space when desired.

Still another object of the invention is to provide a knock down crate constructed from a plurality of reticulated sections which together provide a rigid and durable crate and at the same time lessens the weight of the same so that the crate can be readily handled.

With the preceding and other objects and advantages in view, the invention consists in the novel combination of elements, construction, arrangement of parts and operations, to be hereinafter specifically referred to, claimed and illustrated in the accompanying drawings, wherein:—

Figure 1 is a perspective of a knock down crate constructed in accordance with my invention.

Figure 2 is a fragmentary detail view of the same, and

Figure 3 is a detail view showing the manner of connecting certain of the sections together.

Referring to the drawings in detail where in corresponding characters of reference denote corresponding parts, the numeral 5 designates a pair of end sections. Each of these sections comprises a rectangular frame 10 formed of relatively stout wire and secured to each of these frames is a sheet of reticulated material 12.

The side sections of the crate comprise a pair of parallel rods 15 having their ends bent upon themselves to provide eyes 16 which extend around the adjacent part of the frames 10 to hingedly connect these frames to the rods. Sheets of reticulated material 17 are secured to the rods as shown.

A bottom is designated at 20 and is also constructed in the manner of the end sections and has one end hinged to one of the side sections as indicated at 22. The bottom section is provided with a pair of lateral extensions at its free end which serve to limit the pivotal or swinging movement of the bottom section when arranging it in operative position. A rectangular frame 25 constructed from a length of wire or rod is arranged transversely of the crate and is pivotally associated in pairs of vertically alined eyes 27 provided in the rods 15. A partition 28 formed of reticulated material and a frame 29 pass through loops 30 that are pivotally mounted upon this transverse frame. A top section is designated at 31 and comprises a rectangular frame formed of wire or rod and secured thereto is a reticulated sheet 32. This top is hinged to one of the side sections as indicated at 33.

While I have shown and described the preferred embodiment of the invention, I desire to have it understood that such changes may be made in the form, construction, arrangement of parts and operations, as will not depart from the spirit of the invention or the scope of the subjoined claim.

What is claimed is:—

A collapsible crate comprising end frames, parallel rods arranged in pairs and formed with eyes at their ends and also with eyes midway their ends, said end frames being pivotally secured in the end eyes of said rods, a transverse frame pivotally received in the midway eyes, sheets of reticulated material secured to the frames, a top hinged to one of the parallel rods, a bottom hinged to a pair of said parallel rods and reticulated material forming a part of the top and bottom.

In testimony whereof I affix my signature.

GEORGE CHAMBERLAIN.