

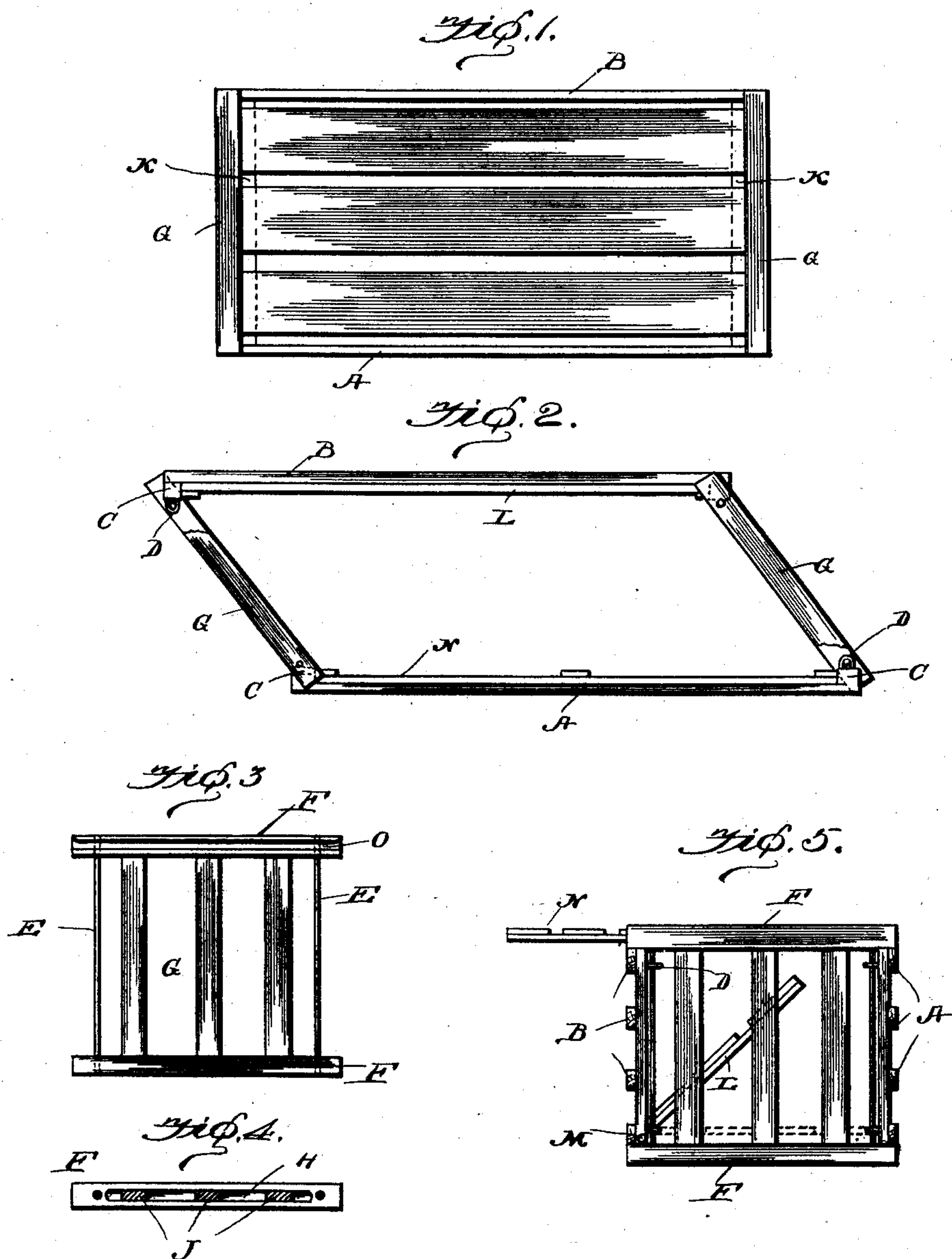
No. 706,692.

Patented Aug. 12, 1902.

H. J. SCHROCK.
FOLDING CRATE.

(Application filed Apr. 11, 1902.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

HARVEY J. SCHROCK, OF GOSHEN, INDIANA.

FOLDING CRATE.

SPECIFICATION forming part of Letters Patent No. 706,692, dated August 12, 1902.

Application filed April 11, 1902. Serial No. 102,458. (No model.)

To all whom it may concern:

Be it known that I, HARVEY J. SCHROCK, a citizen of the United States, residing at Goshen, in the county of Elkhart and State of Indiana, have invented certain new and useful Improvements in Folding Crates, of which the following is a specification.

My invention relates to improvements in folding crates; and the main object thereof is the provision of a very simple crate for the transportation of all classes of farm produce and anything which is shipped to a certain destination and the crates returned.

Another object of my invention is the provision of a folding crate which is provided with a novel hinge and lid and bottom.

To attain these objects, my invention consists of a folding crate embodying novel features of construction and combination of parts, substantially as disclosed herein.

In the accompanying drawings, Figure 1 is a top plan view of the crate. Fig. 2 is a similar view with the bottom and top folded and the crate itself slightly folded, although it is capable of being made substantially flat. Fig. 3 is an elevation of one of the ends removed. Fig. 4 is a section of one of the ends, and Fig. 5 is an end view of the crate in its entirety with the lid about half-way open.

Referring to the drawings, A designates the front, and B the rear section, of the crate. Each of these sections is provided upon the inner side at its ends with the corner-posts C, to which are secured the eyes or staples D, in which are adapted to fit and form a hinged joint the metal rods E, which are secured in the top and bottom rails F of the ends G. These rails are provided upon their adjacent faces with the depressed channels H, in which are fitted and secured the panels J of the ends, said panels and the posts C being of such a thickness as to provide the inner projecting edge or rim K, which forms a support for the bottom L, which is hingedly secured, by means of the pins M, to the posts C of the rear section B. The bottom is also of lesser thickness than the post C, so that when it assumes the position as shown in Fig. 2 it is out of the way, so that the crate may be folded in a flat position. The lid N is adapted to slide in the grooves O of the

upper rails F when in use—that is, when the crate is extended; but when folded it assumes the position as shown in Fig. 2 and is compact, like the bottom.

From the foregoing description it is evident that I produce a folding crate which is very simple in construction and which is very easily set up or knocked down, a novel way having been discovered for decreasing the bulk of the folded crate by providing a place for the top and bottom.

What I claim as new is—

1. A folding crate, comprising two end sections and a front and rear section, corner-posts secured to the inner faces of the front and rear section and in line with the end sections, said posts being pivotally connected to the end sections and a bottom hingedly connected to the front or rear section adapted to be folded inward and against the section and also of lesser thickness than the corner-posts.

2. A folding crate, comprising two end sections and a front and a rear section pivotally secured together so that when the crate is folded the ends and front sections are in respectively the same line, corner-posts carried by the front and rear sections providing compartments or spaces upon the inner face thereof when folded and a lid and bottom adapted to fit in said compartments or spaces when the crate is folded.

3. A folding crate, comprising two end sections having its top and bottom rails provided with intermediate depressed recesses and connected together by panels, which fit in said recesses, rods passing through said rails near the ends thereof, a front and a rear section, a corner-post carried at the ends of the front and rear sections upon the inner face thereof adapted to be connected hingedly to said rods, and a bottom hingedly connected to the posts of the rear section adapted to be folded upon the inner side thereof.

4. A folding crate, comprising two ends, a front and a rear section, said end sections comprising a top and bottom rail and panels, said rail projecting beyond each face of the panel to form a rim, and provided with intermediate depressed recesses to receive the ends of the panels, a corner-post carried upon the inner side of the front and rear sections and

hingedly connected to the end sections, and
a bottom hingedly connected to the posts of
the rear section adapted when the crate is ex-
tended to rest upon the rim formed by the
5 lower rails and when the crate is folded to rest
against the inner face of the section inside
the inner edge of the posts.

In testimony whereof I affix my signature
in presence of two witnesses.

HARVEY J. SCHROCK.

Witnesses:

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