

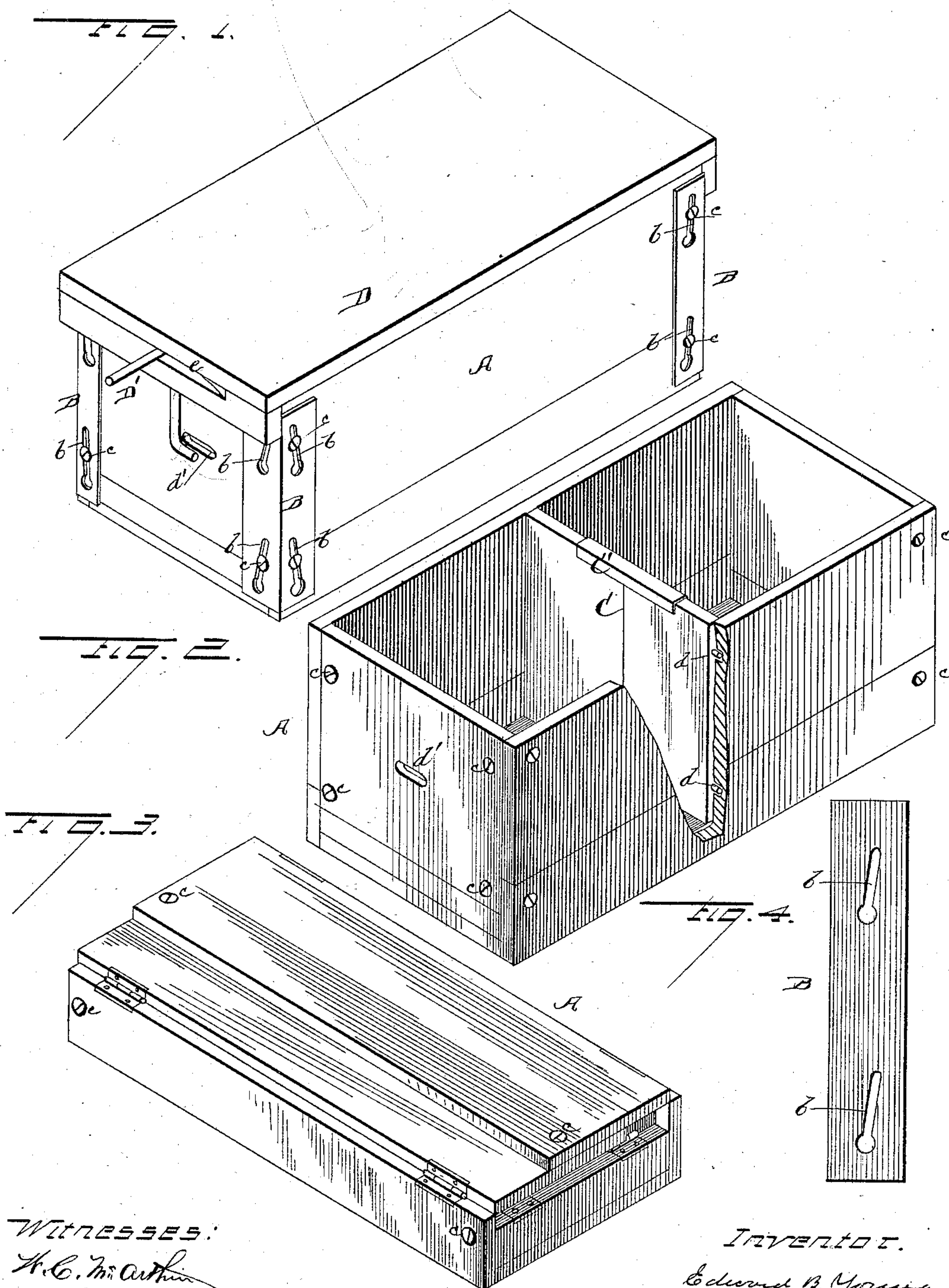
(Model.)

E. B. YOUNG.

FOLDING CRATE.

No. 324,629.

Patented Aug. 18, 1885.



WITNESSES:

H. C. McArthur

A. J. Pare

INVENTOR.

Edward B. Young

per.

H. Harrison

ATTORNEY.

UNITED STATES PATENT OFFICE.

EDWARD B. YOUNG, OF MANSFIELD, MISSOURI.

FOLDING CRATE.

SPECIFICATION forming part of Letters Patent No. 324,629, dated August 18, 1885.

Application filed December 20, 1884. (Model.)

To all whom it may concern:

Be it known that I, EDWARD B. YOUNG, a citizen of the United States, residing at Mansfield, in the county of Wright and State of Missouri, have invented certain new and useful Improvements in Folding Crates, of which the following is a specification, to wit:

This invention relates to an improvement in folding crates; and it consists in certain peculiarities of the construction and operation of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of my crate. Fig. 2 is a similar view partly broken away and with the top removed. Fig. 3 is a view folded; and Fig. 4 is a detail view of one of the corner-fasteners.

A represents the box or crate having each of its sides and ends formed in two parts hinged together a short distance above the bottom. The lower portion of each side and end is secured rigidly to the bottom, and the upper portion is hinged thereto and adapted to fold inward, as seen in Fig. 3.

In order to hold the parts rigidly together, I provide each corner with an angular piece of sheet metal, B, having slots *b b* inclined at one end toward the corner, and at the other enlarged to admit the head of a screw or pin, *c*, secured in the side or end, as shown. These corners are placed upon the box with their slots inclosing the pins *c*, and on being pushed down the inclined slots draw the parts of the crate together and hold them firmly in place. The box is provided with one or more partitions, C, formed in two parts, secured together by a metal slide or clasp, C', over their upper edges, and provided with dowel-pins *d*, which enter the sides of the crate, as in Fig. 2, and hold the partition in place.

D represents the cover of the crate, which is secured in place by the bent or cranked wires D', the lower ends of which engage with holes or recesses *d'* in the ends of the box, as

in Fig. 1. These catches D are pivoted in the cover, and when closed their upper ends are socketed into it, as at *e*.

The operation is plain from the drawings. The cover being removed the partition is first folded and placed in the bottom. The corner-pieces are then taken off and also placed inside the crate, and the ends are then folded in upon them, one side folded down upon the ends, and the remaining side upon it, the sides and ends being hinged at points that will allow of their lying closely one upon the other when closed, as will be evident from the drawings.

This forms a crate easily and quickly set up or folded, and especially adapted to the shipment of eggs and similar articles, and when folded for return to its owner occupies very little room, and all its parts are so inclosed as to prevent their being lost.

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

1. In a folding crate, the combination, with the sides and ends provided with headed pins at their corners, of angular corner-pieces formed with inclined slots for engaging the pins, substantially as and for the purpose set forth.

2. In a folding crate, the combination, with the main body of the box or crate, of a partition formed in two parts secured together by a metal clasp or slide upon their upper edge, and provided with dowel-pins engaging with the box, substantially as and for the purpose set forth.

3. The box A, having its sides and ends formed in two parts hinged to fold in upon the bottom, and provided with headed pins or screws *c*, near its corners, in combination with the angular corner-pieces B, having inclined slots *b*, with enlarged ends, substantially as and for the purpose set forth.

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

EDWARD B. YOUNG.

Witnesses:

N. N. NICHOLS,
J. S. YOUNG.