

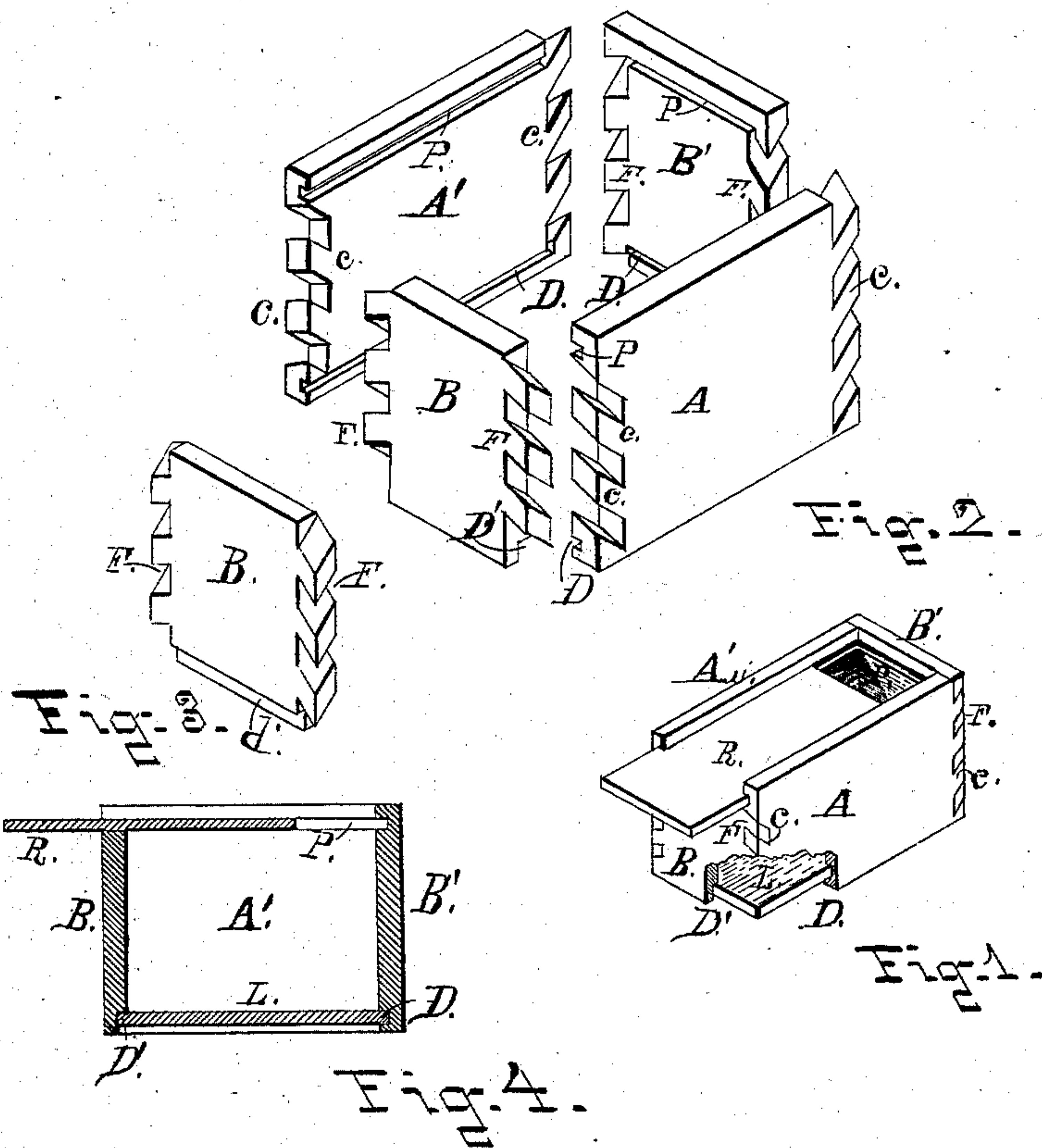
(Model.)

H. A. BAKER.

BOX.

No. 282,483.

Patented Aug. 7, 1883.



ATTEST :  
James E Thomas  
M R Thomas

INVENTOR :  
Hudson A. Baker



# UNITED STATES PATENT OFFICE.

HUDSON A. BAKER, OF BAY CITY, MICHIGAN.

## BOX.

SPECIFICATION forming part of Letters Patent No. 282,483, dated August 7, 1883.

Application filed May 9, 1883. (Model.)

*To all whom it may concern:*

Be it known that I, HUDSON A. BAKER, a citizen of the United States, residing in Bay City, in the county of Bay and State of Michigan, have invented a new and useful Improvement in Boxes, of which the following is a specification.

My invention relates to improvements in boxes; and it consists in a box so constructed and arranged that when the parts are together it is firm and solid, and when desired can be taken apart and packed in a very small space for shipment or storage, as I hereinafter more fully describe, and set forth in the claim.

In the drawings, Figure 1 is a perspective view, showing the different sides of my improved box, and also the different parts of the locking-joint for holding the corners of the box together. Fig. 2 is a perspective view of my improved box as put together, and showing the lid partly drawn out or open. Fig. 3 is an inside view of the front end piece, showing the rabbet at the bottom edge. Fig. 4 is a longitudinal sectional view of Fig. 1.

Similar letters refer to similar parts in the different views.

A and A' represent two sides of the box, and are provided at each end with the beveled notches C. These notches C are shaped so that they incline from the end of the sides A toward the center and the bottom of the said sides. At the same time they are shaped so as to incline toward the outside lower edge of the side pieces, A and A'.

B and B' are the front and back ends of the box, having the projection F formed on the ends thereof, to fit in the notches C in the side pieces, A. This requires the bevels to be cut directly opposite those in the side pieces, A—that is, they incline from the middle portion of the piece B toward the end and downward, and from the outside of the pieces B toward the inside of the pieces B and downward in such a manner as to allow the projecting portions F of the end pieces, B, to slide into the

notches or openings C of the side pieces, A. The side pieces, A and A', and the back end piece, B', are provided with the grooves D, and the front end piece, B, is provided with a rabbet, D', for the reception of the bottom of the box, and the two side pieces and back end piece, B', are provided with the groove P, for receiving the lid R, the front end piece, B, being of less width than the others, so that the lid R will pass over it, as shown in Fig. 2.

To put the box together, first connect the side pieces, A and A', with the back end piece, B', and shove the bottom of the box in the groove D. Then place in position the front end piece, B, which, being constructed so as to go inward and downward, slides in and catches the bottom in the rabbet d'. Then slide the lid in the groove P and above the front end piece, B, and thus hold the end piece, B, in its position, and thereby firmly lock the corners of the box together, as the front end piece, B, must be raised on the inclines of the notches C to disconnect the corners; and this is rendered impossible so long as the lid is in position in the grooves P.

To take the box apart, first remove the lid, then take out the front end piece, B, slide out the bottom, and the remaining parts will easily separate, when the pieces may be packed in a bundle for shipment or stored away.

Having fully described my improvement, what I claim, and desire to secure by Letters Patent, is—

The combination of the sides A and A', B and B', having the inclined notches and projections C and F, as described, the first three having the grooves P and D, and the fourth, B, having the rabbet D', the bottom L in the grooves and rabbet d and d', and the lid R in the groove P and over the upper end of B, all substantially as shown and described.

HUDSON A. BAKER.

Witnesses:

JAS. E. THOMAS,

JOHN BRIGHAM, Jr.