

G. ROBINSON, Jr.
SECTIONAL PACKING-BOXES.

No. 194,844.

Patented Sept. 4, 1877.

Fig. 1

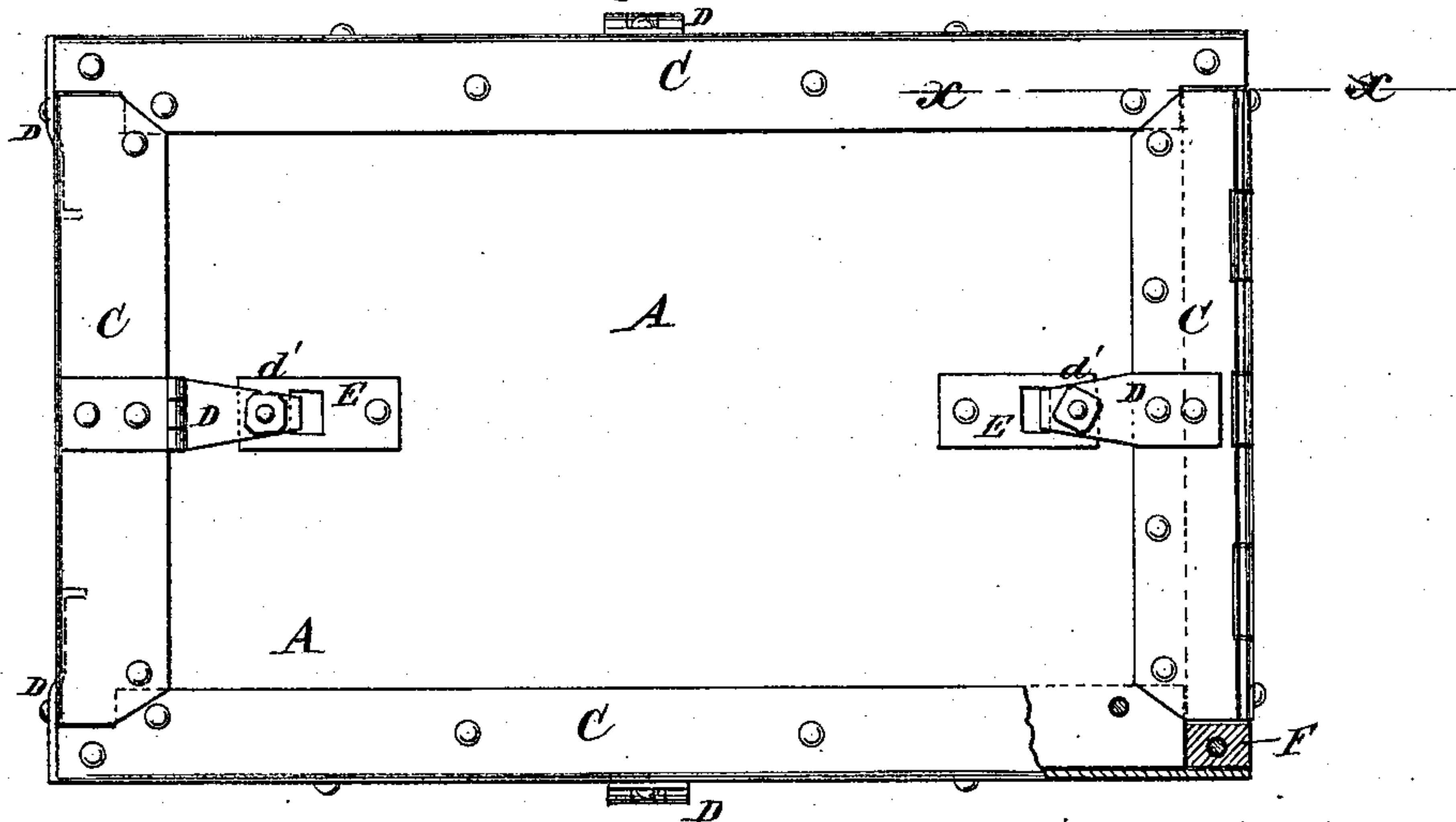


Fig. 2

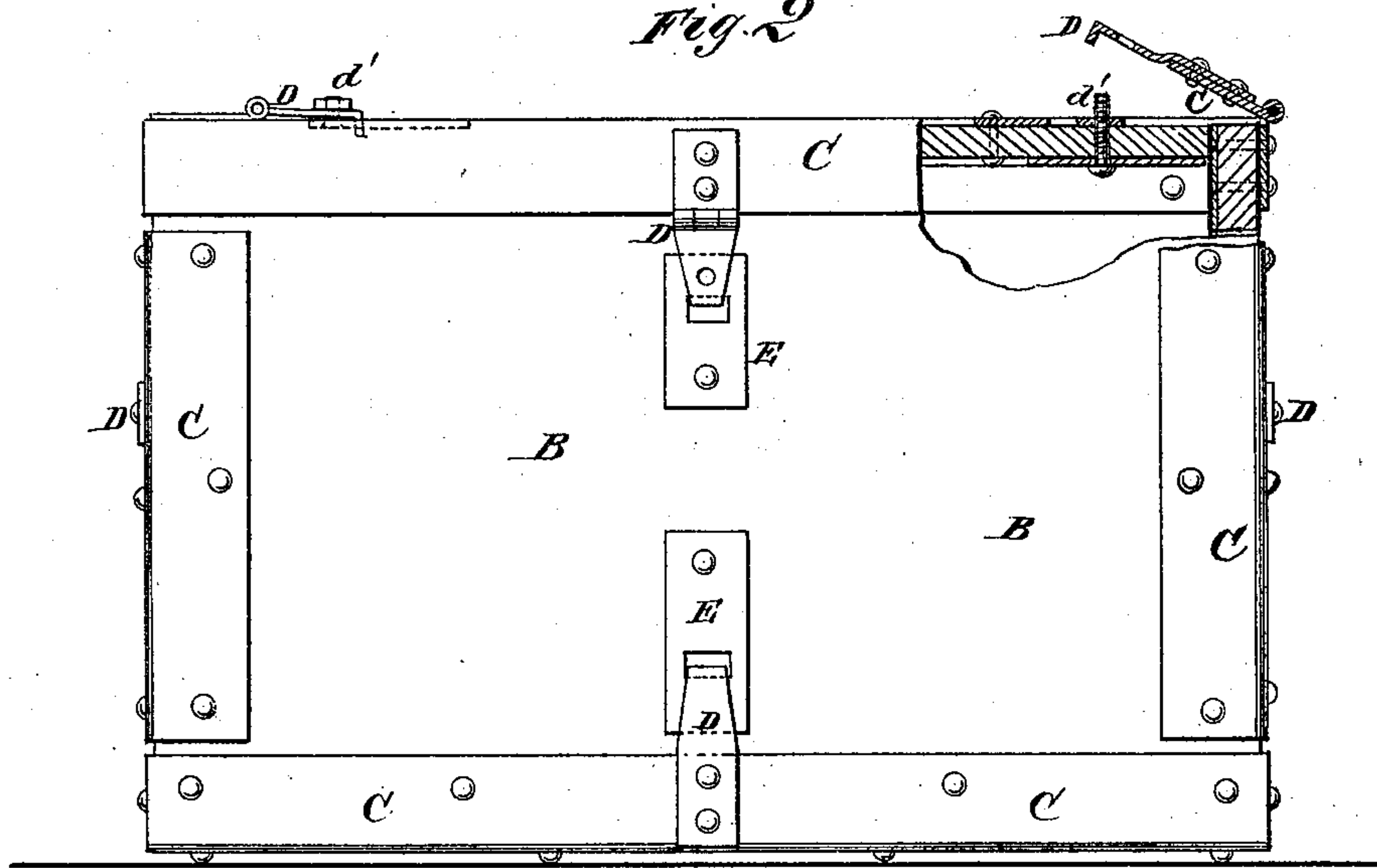


Fig. 3

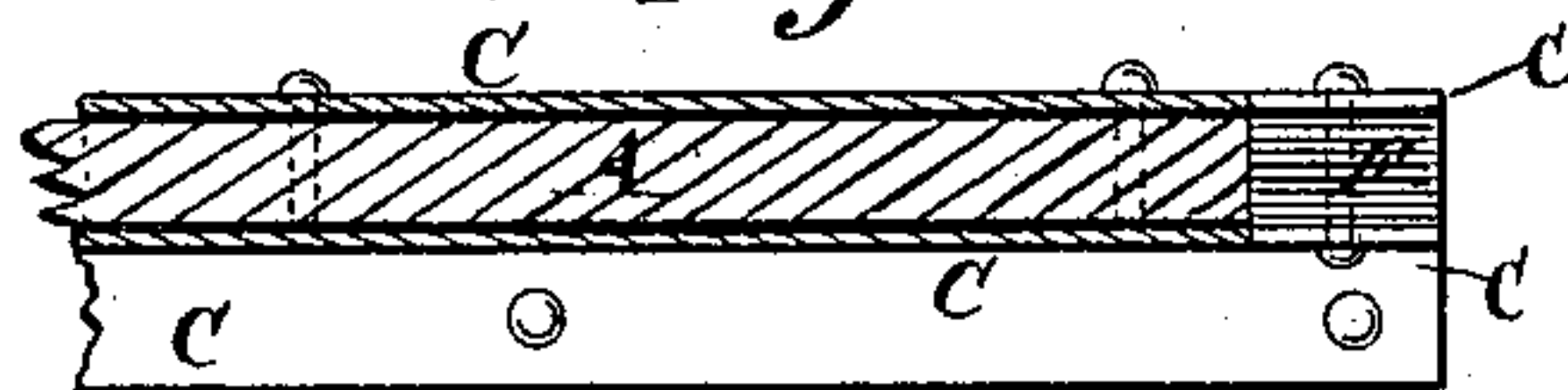
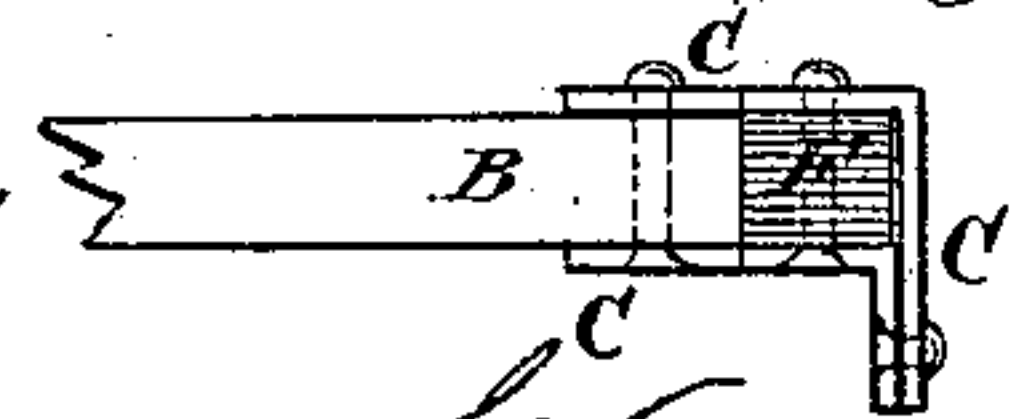


Fig. 4



WITNESSES:

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GILBERT ROBINSON, JR., OF NEW YORK, N. Y.

IMPROVEMENT IN SECTIONAL PACKING-BOXES.

Specification forming part of Letters Patent No. 194,844, dated September 4, 1877; application filed May 28, 1877.

To all whom it may concern:

Be it known that I, GILBERT ROBINSON, Jr., of the city, county, and State of New York, have invented a new and useful Improvement in Sectional Packing-Box, of which the following is a specification:

Figure 1 is a top view of a packing-box illustrating my invention, part being broken away to show the construction. Fig. 2 is a side view of the same, part being broken away to show the construction. Fig. 3 is a detail section of the same, taken through the line *xx*, Fig. 1. Fig. 4 is an edge view of a part of one side.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved packing-box, which shall be so constructed that it may be readily taken apart and packed in a small compass for reshipment, and which shall be so strong as to withstand the outward pressure of the goods and the strain of handling.

The invention will first be described in connection with the drawing; and then pointed out in the claims.

About the general construction of the box, and the manner of putting it together and taking it apart, there is nothing new.

A represents the top of the box, and B one side. C are the edge pieces, which are attached to one part or board, and overlap and support the adjacent part. These edge pieces have heretofore been a single strip of angular sheet metal.

My improvement consists in making them in two parts, or double, riveted to the outer and inner sides of the part of the box to which they are attached, and their free edges, that form the overlapping flange, riveted to each other, as shown in Fig. 4.

This construction greatly strengthens the box, and enables it to safely withstand the strain of the goods and of handling.

D are the hasps or clamps, which are secured

to the flanges of the edge pieces C, and have hooks formed upon their free ends to hook into plates E, attached to the boards which the said flanges overlap. The hasps or clamps D, connected with the upper part of the box, I make in two parts, hinged to each other, as shown in Figs. 1 and 2, to enable them to be turned back, for convenience in taking the box apart. This renders it necessary that the hinged parts of the said clamps should be secured by bolts *d'*, which are secured to the part of the box upon which the said clamp shuts down. The bolts *d'* pass through holes in the said clamp, and have nuts screwed upon their outer ends.

In taking the box apart the first operation is to slightly raise the top of the box, slightly incline the forward end, and then slip said end down and out. To enable this to be conveniently done, the forward top edge piece C is made with a hinge-joint along its angle, as shown in Figs. 1 and 2, to enable its upper part to be turned back. The hinged part of the edge piece C, when turned down, is secured in place by the bolt *d'*, that passes through its clamp D. The corners of the box are strengthened by small iron blocks F, inserted between and riveted to the parallel parts of the angle-pieces C, in the spaces that would otherwise be left vacant.

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

1. The edge piece C, at the upper forward edge of the box, made with a hinge-joint at its angle, substantially as herein shown and described.

2. The sectional packing-box, provided with iron corner-blocks F, inserted between and riveted to the parts of the double edge pieces C, substantially as herein shown and described.

GILBERT ROBINSON, JR.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.