

No. 862,606.

PATENTED AUG. 6, 1907.

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FOLDING SHIPPING AND DISPLAY BOX OR RECEPTACLE.

APPLICATION FILED SEPT. 11, 1906.

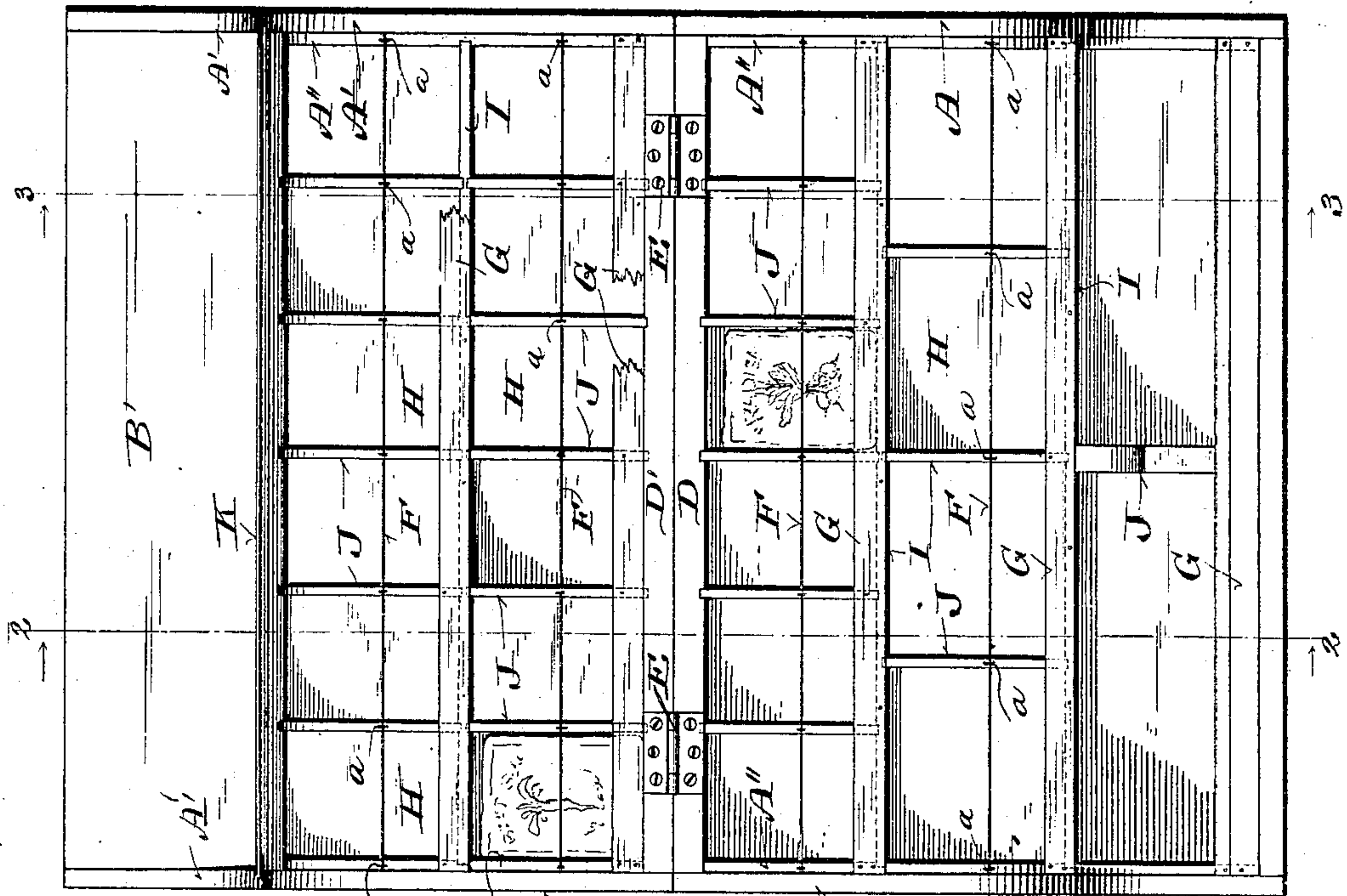


Fig. 1.

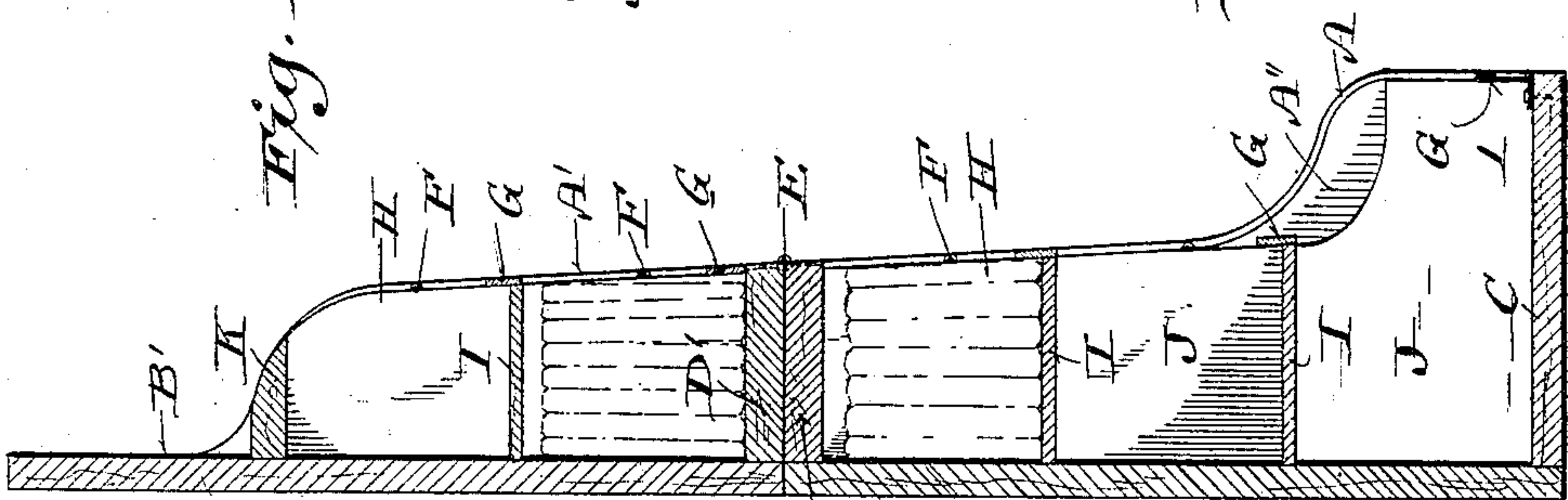


Fig. 2.

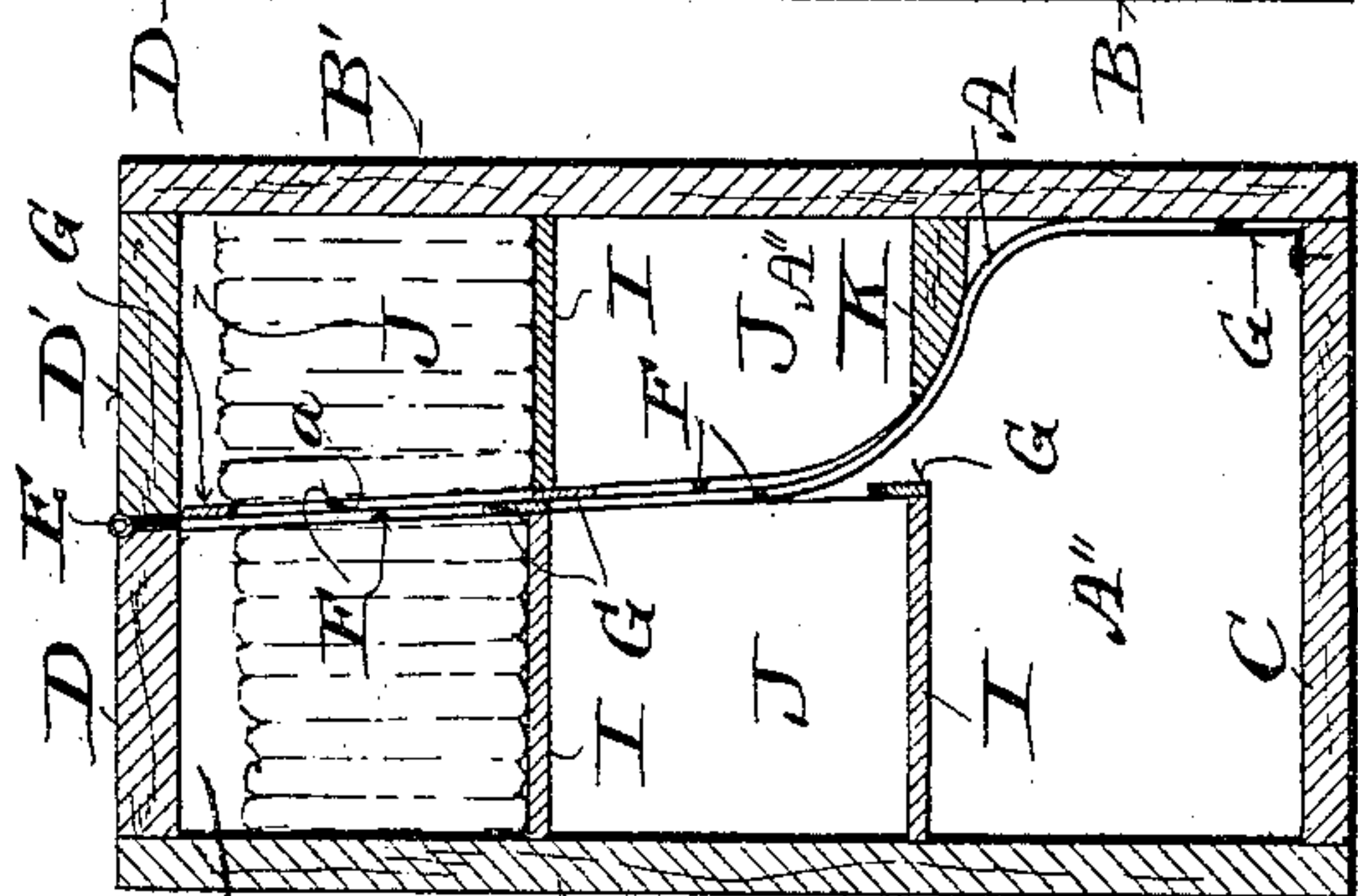


Fig. 3.

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UNITED STATES PATENT OFFICE.

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FOLDING SHIPPING AND DISPLAY BOX OR RECEPTACLE.

No. 862,606.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed September 11, 1905. Serial No. 277,880.

To all whom it may concern:

Be it known that we, GEORGE L. BORN, ALBERT GUTTMANN, GEORGE T. ANDERSON, and FRED C. VETTING, citizens of the United States, and residents of Manitowoc, in the county of Manitowoc and State of Wisconsin, have invented certain new and useful Improvements in Folding Shipping and Display Boxes or Receptacles; and we do hereby declare that the following is a full, clear, and exact description thereof.

10 The object of our invention is to provide a simple and economical folding display cabinet which, when folded upon itself forms a compact rectangular closed package for shipping purposes or the like, said cabinet being particularly adapted for seed packages and it
15 consists in certain peculiarities of construction and combination of parts to be fully set forth hereinafter with reference to the accompanying drawings and subsequently claimed.

20 In the drawings: Figure 1 represents a front elevation of a folding box in its open position, embodying our invention; Fig. 2, a vertical section of the same, said section being taken upon the line 2—2 of Fig. 1, and Fig. 3, is a similar section taken upon the plane as indicated by line 3—3 of Fig. 1, the box being shown in its
25 folded position.

Referring by letter to the drawings A, A' represent the end walls of the upper and lower sections of a box, secured together by side walls B, B', respectively. The bottom C of the lower section extends across the
30 entire width, while the top is split longitudinally into halves D, D', and secured at this point by hinges E, upon which the upper box section swings.

The rear half D of the top is fast to the lower box section while the front half D' is secured to and forms a
35 bottom for the upper or lid section of the box when the latter is open, in which position the said front half D' rests upon the rear half D as shown in Fig. 2, of the drawings.

The contour of side-walls A, A' of the box sections
40 is such that when said box is open they form an unbroken line intersecting the hinges, tapering slightly from front to rear, and terminating at the top and bottom into coinciding ogee curves, the bottom curves continue downward in a straight line, the full width
45 of the box, while the upper curves merge into the straight side-wall section B' which section forms the front cover of a rectangular box when the same is folded.

The end walls A, A', are reinforced internally with strips A'' having their edges of the same contour as
50 said walls but slightly below the face thereof for the

purpose of securing thereto keeper-wires F and guard rails G of a plurality of receptacles H into which are placed the packages to be displayed. Both the upper and lower box sections are provided with cross-shelves I and intersecting vertical partitions J of the same contour as the strips A'' previously described, said partitions forming the package receptacles H which may be of various dimensions and numbers depending upon the character of the goods for which they are intended.

The keeper-wires F are secured by staples a to the strips A'', and intermediately to the vertical partitions J and these wires run across the front of the receptacles H and serve to keep the packages of seed or other merchandise in place when the box is closed or open, but in either case they do not interfere with the view of or access to the same nor with the closing of the box, for the reason that they are secured to the strips F below the face of the side walls. The guard rails with the exception of one are secured to the edges of the cross-shelves I and also to the strips A the remaining rail being fast immediately above the front half D' of the top which forms the bottom of the lower tier of receptacles of the upper box section, these rails also serve in conjunction with the keeper-wires F to hold said packages in place. A rail K extends across the top of the upper row of receptacles into which the vertical partitions J are mortised, this rail serves as a shelf having its back formed by the upper portion of the box side B' which may also be utilized for advertising space for goods displayed below.

Having thus described our invention what we claim as new and desire to secure by Letters-Patent is:—

A folding-shipping and display box having upper and lower sections of equal height, in hinge-connection, said sections consisting of side and end-walls, reinforce strips secured to the inner faces of the side-walls, the edges of the strips being below the edges of the side-walls, and of the same contour as the edges of said side-walls, vertical and horizontal partitions in each section, guard-rails fast to the horizontal partitions, and the edges of the reinforce-strips, said guard-rails being flush with the edges of the end-walls, and wire-keepers secured to the vertical partitions and reinforce-strips.

In testimony that we claim the foregoing we have hereunto set our hands at Manitowoc in the county of Manitowoc and State of Wisconsin in the presence of two witnesses.

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