

(No Model.)

J. H. RIEDELL.
PAPER BOX.

No. 429,960.

Patented June 10, 1890.

Fig. 1.

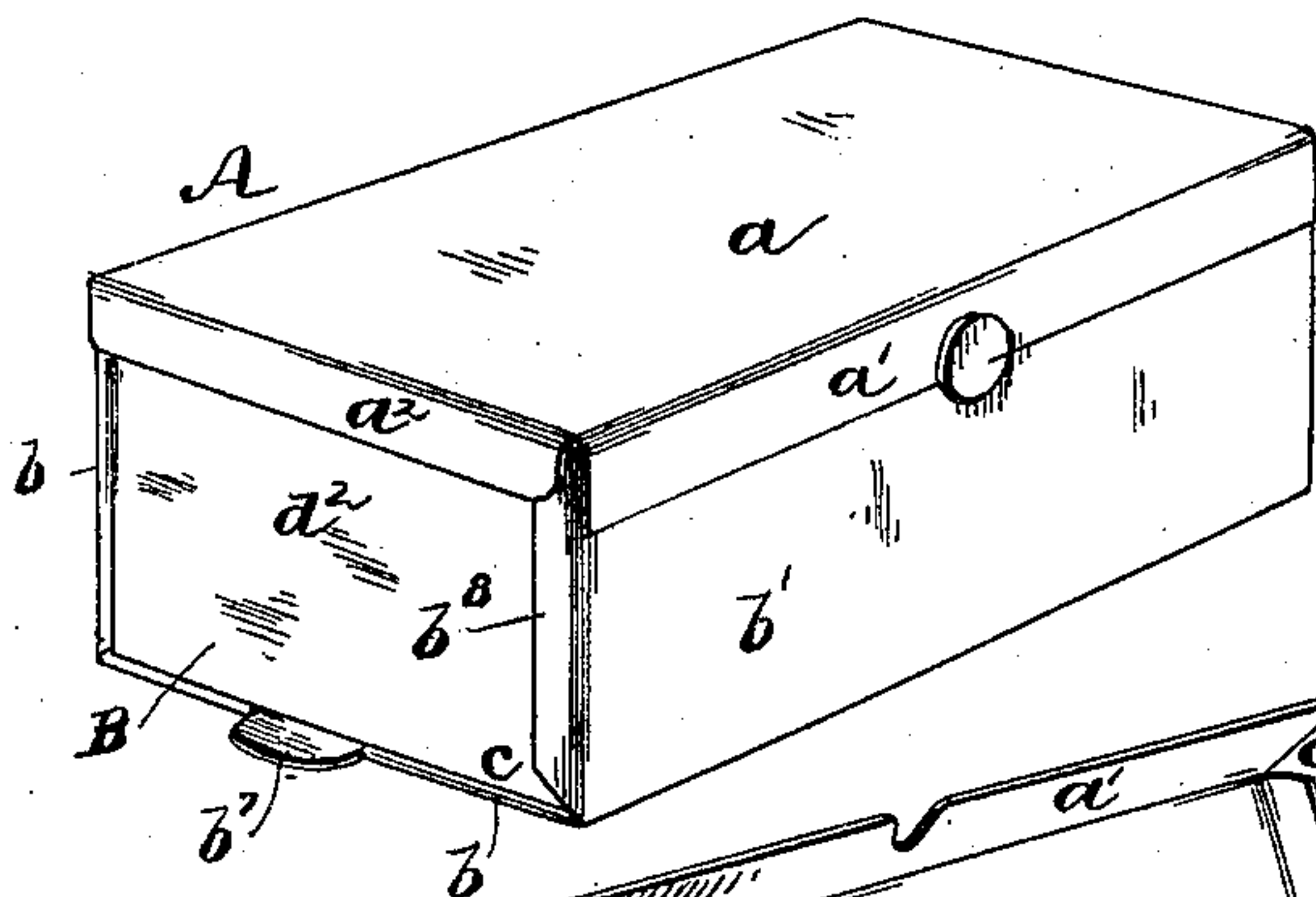


Fig. 2.

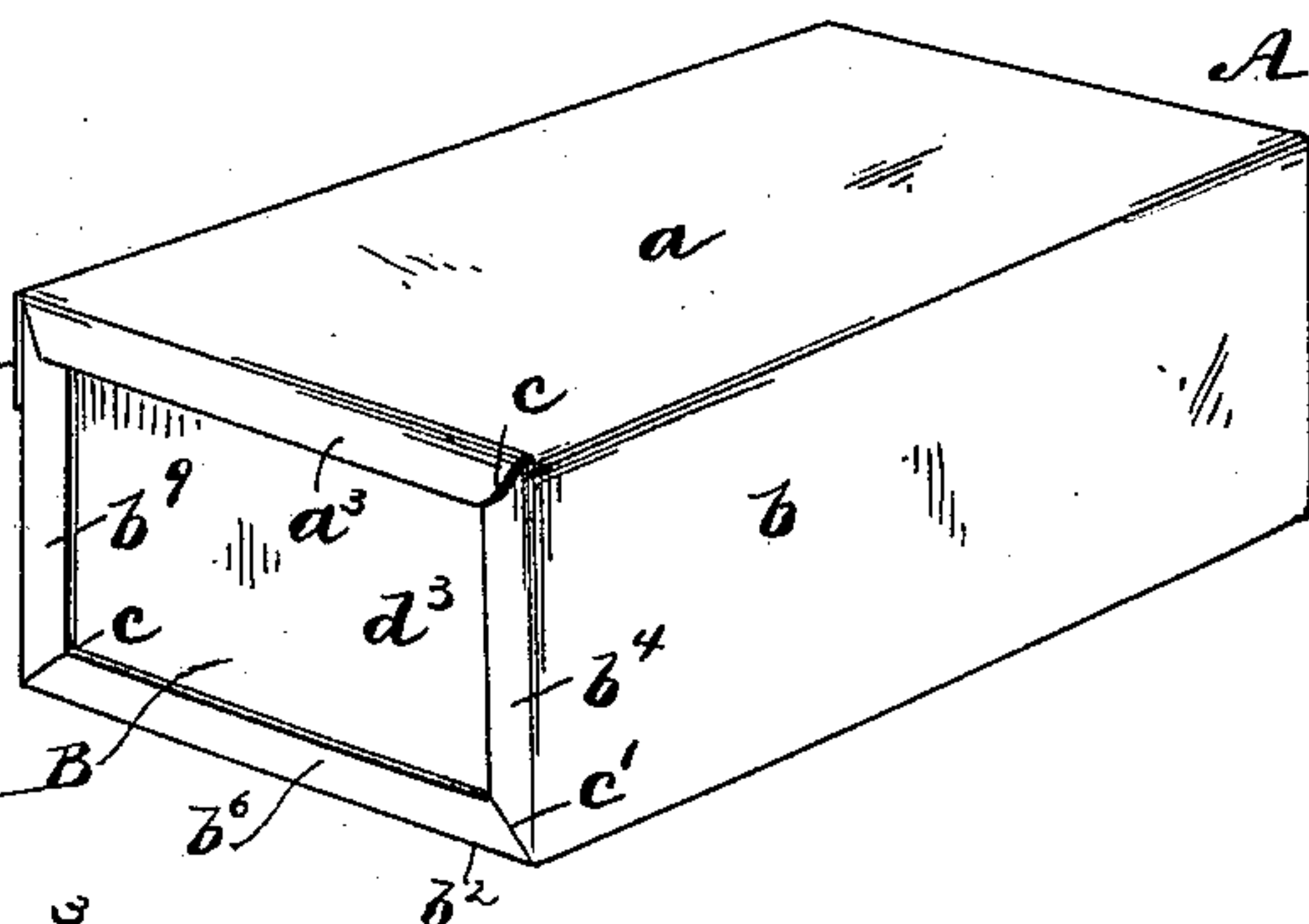


Fig. 3.

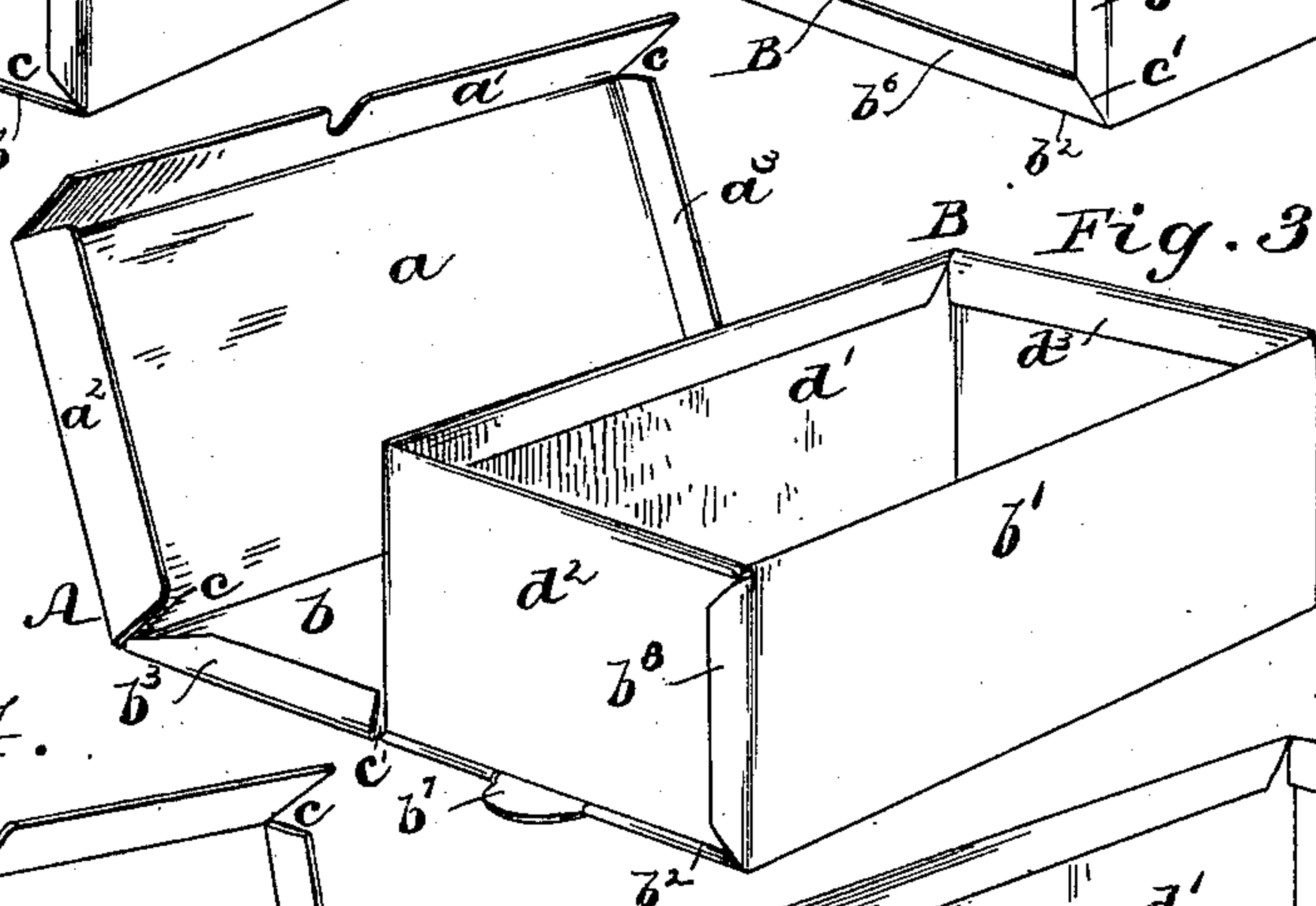


Fig. 4.

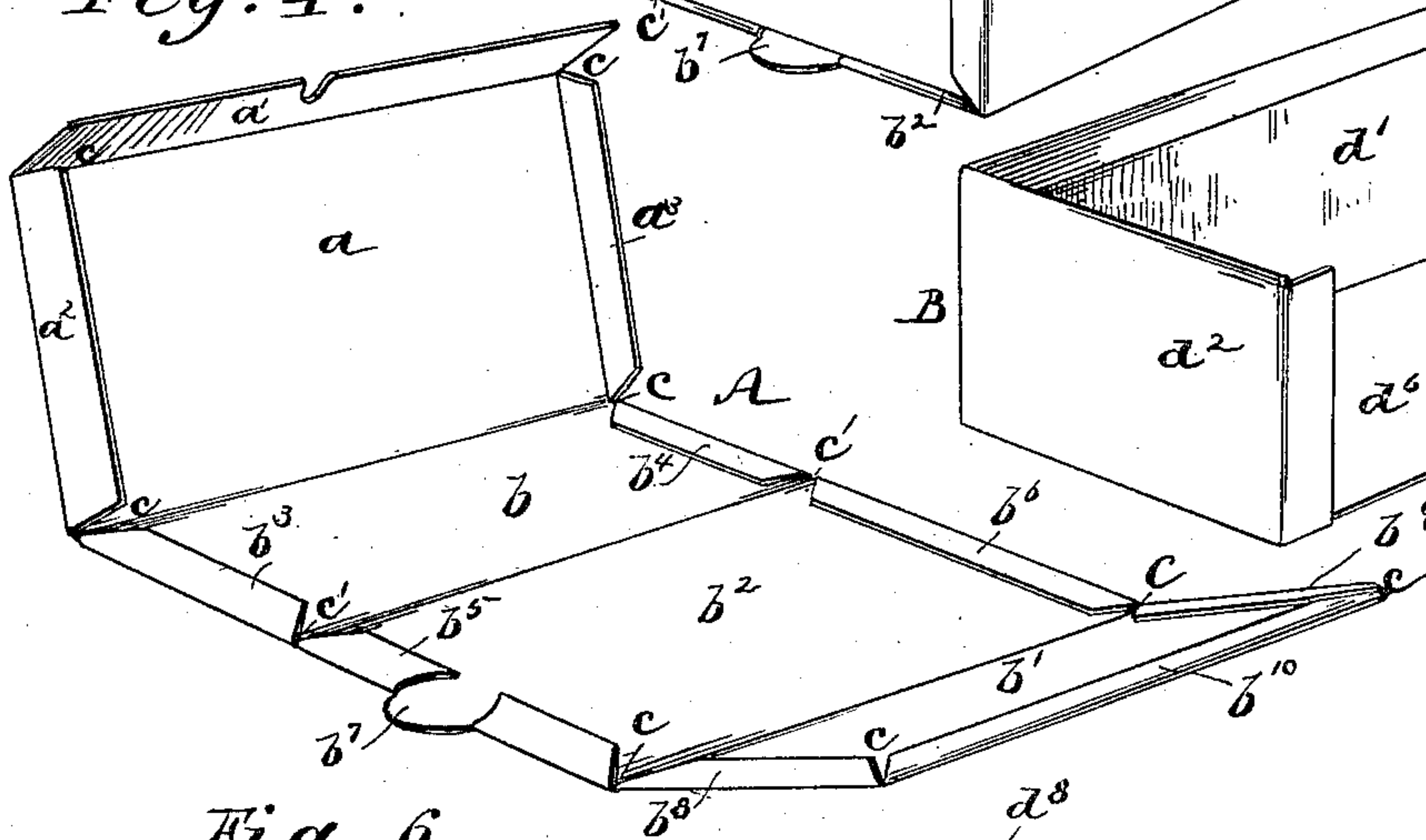


Fig. 5.

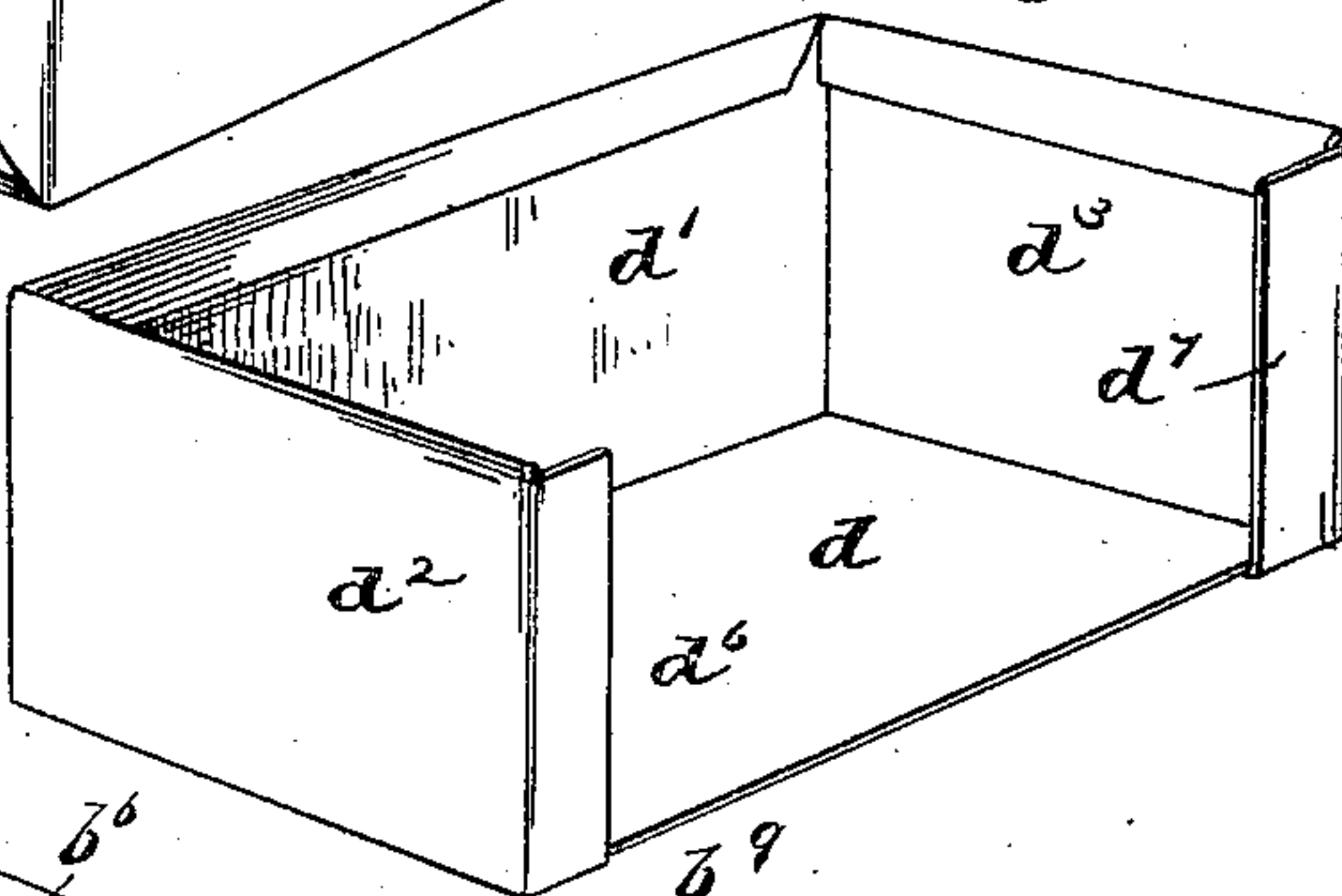
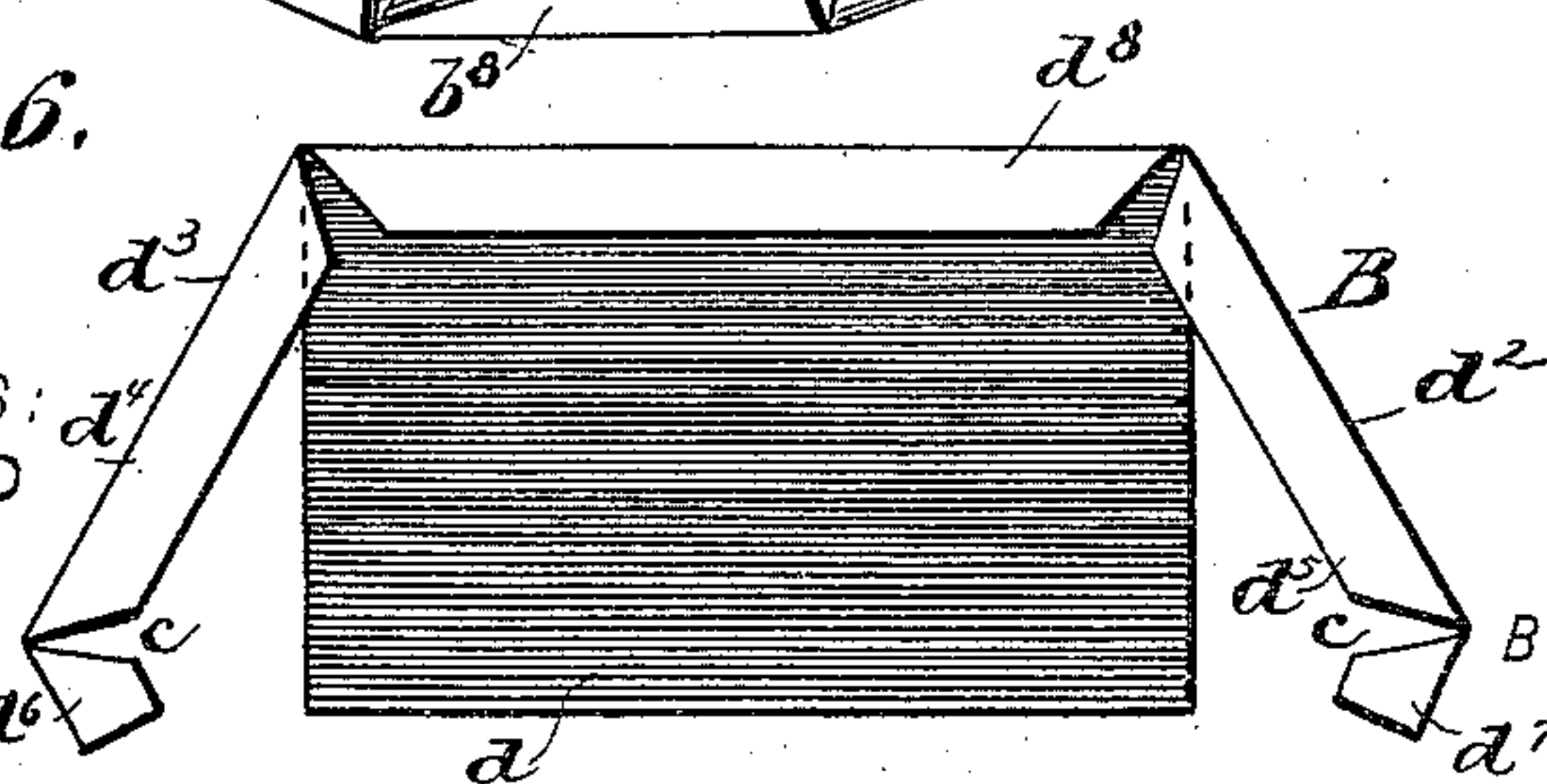


Fig. 6.



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PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 429,960, dated June 10, 1890.

Application filed October 17, 1889. Serial No. 327,282. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. RIEDELL, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Paper Box, of which the following is a full, clear, and exact description.

My invention relates to a knockdown paper box; and it consists principally in a box of this character made of two separate parts adapted to be folded and fitted together to form the complete box.

The invention also consists of the special construction of the box, all as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my new box as it appears when set up and the cover closed. Fig. 2 is a similar view of the opposite end of the box. Fig. 3 is a similar view showing the box open. Fig. 4 is a perspective view of one of the separate parts of the box. Fig. 5 is a perspective view of the other separate part; and Fig. 6 is an inverted plan view of the blank of Fig. 5, the bottom being shown covered with mucilage.

The box is made of two separate parts, the main outer part A and the inner part B. The outer part A is cut and scored, as shown clearly in Fig. 4—that is, it is shaped to form the cover a , two side walls $b b'$, and bottom b^2 . The said cover is formed with the turned-down flanges $a' a^2 a^3$. The wall b is formed with end flanges $b^3 b^4$. The bottom b^2 is formed with flanges $b^5 b^6$, the latter of which is formed with a tab b^7 for convenience in handling the box. The wall b' is formed with the flanges $b^8 b^9 b^{10}$. The said flanges are mitered at their ends, as shown at c and c' . The inner part B of the box is cut and scored, as shown clearly in Fig. 5—that is, it is shaped to form the bottom d , (which becomes a false bottom in the completed box,) the side wall d' , and the end walls $d^2 d^3$. The bottom edges of the walls $d^2 d^3$ are formed with inwardly-projecting flanges $d^4 d^5$ and end flanges $d^6 d^7$, which project inward, as shown clearly in Fig. 5.

The outer surface of the bottom d may be coated with mucilage or other adhesive material, as indicated by the shading in Fig. 6.

The box is to be stored and shipped in a flat state—that is, the parts A B are separated and spread out flat.

When the box is to be set up for use, the part B is folded up, as shown in Fig. 5. The adhesive material at the bottom d is moistened and then placed upon the bottom panel b^2 of the part A. The bottom d of the part B is of the same size as the panel b^2 of the part A. The flanges $b^5 b^6$ may be turned in or out, as desired. The outer wall b' of the part A is then turned up and the flange b^{10} turned down over the inwardly-projecting flanges $d^6 d^7$ of the part B. This done, the box may be closed by the cover a , as shown in Figs. 1 and 2.

Instead of making the bottom d integral with the side and end walls $d' d^2 d^3$, as in Fig. 5, it may be separately made and secured by mucilage or other adhesive material to a flange d^8 at the lower edge of the side wall d' , as shown in Fig. 6.

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

1. As an improved article of manufacture, a folding paper box comprising two separate parts A and B, the former comprising a bottom panel, front and back walls, and a cover, the part B comprising a false bottom, end walls, and one side wall, the part B being adapted to be inclosed by the bottom, cover, and two side walls of the part A, substantially as described.

2. In a paper box, the part A, comprising the bottom panel b^2 , side walls $b b'$, and cover a , one end of the panel b^2 being formed with a tab b^7 , in combination with the part B of the box, formed with a bottom panel, two end walls, and one side wall, substantially as described.

JOHN H. RIEDELL.

Witnesses:

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