

No. 780,445.

PATENTED JAN. 17, 1905.

C. F. RAMSAY.  
ADJUSTABLE LID FOR BOXES.  
APPLICATION FILED JULY 6, 1904.

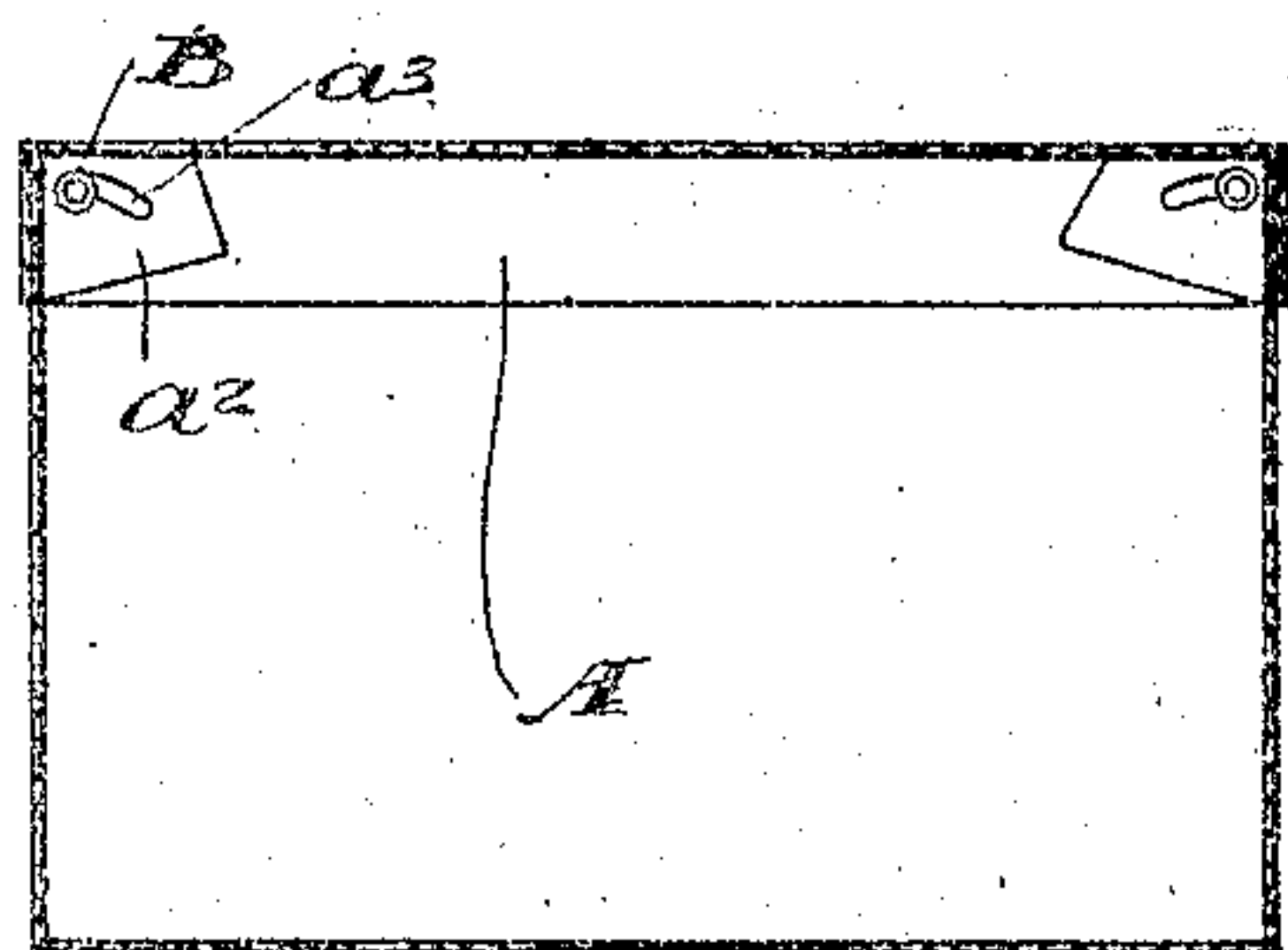
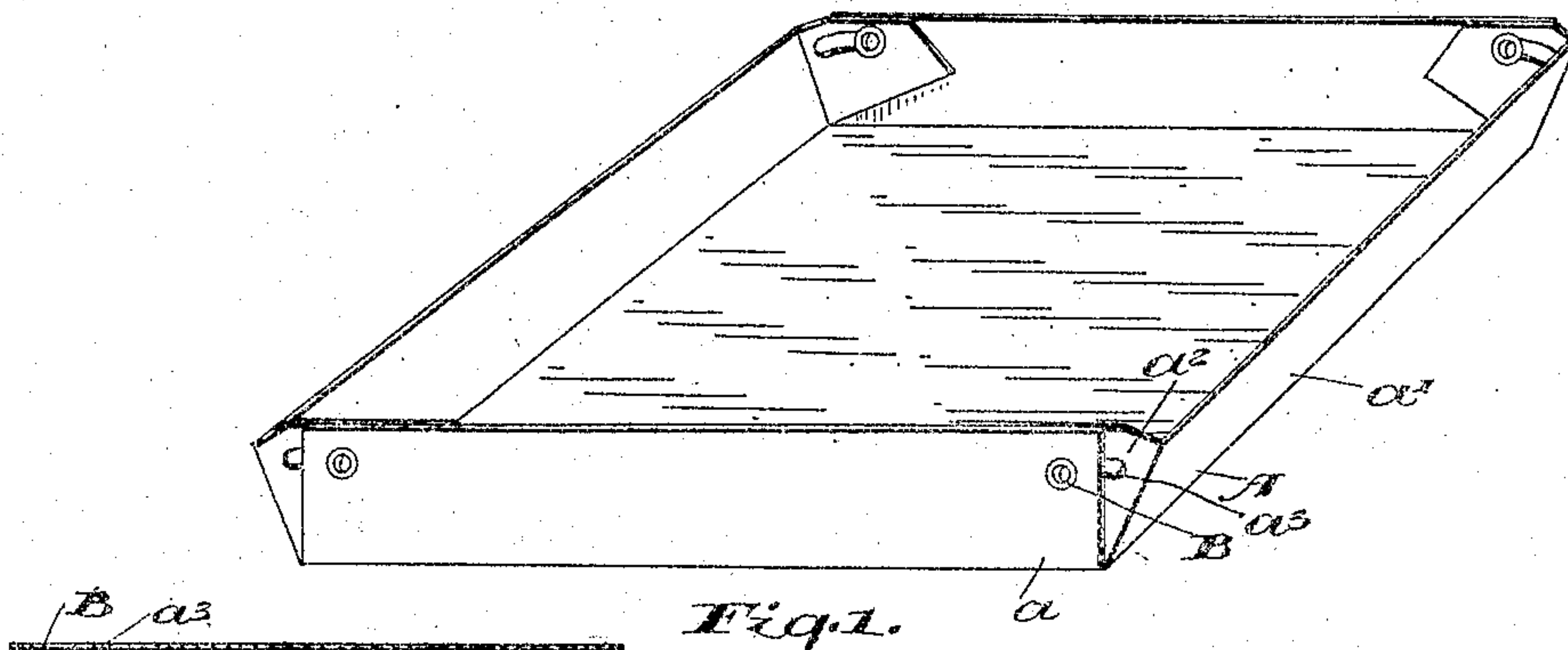


Fig. 2.

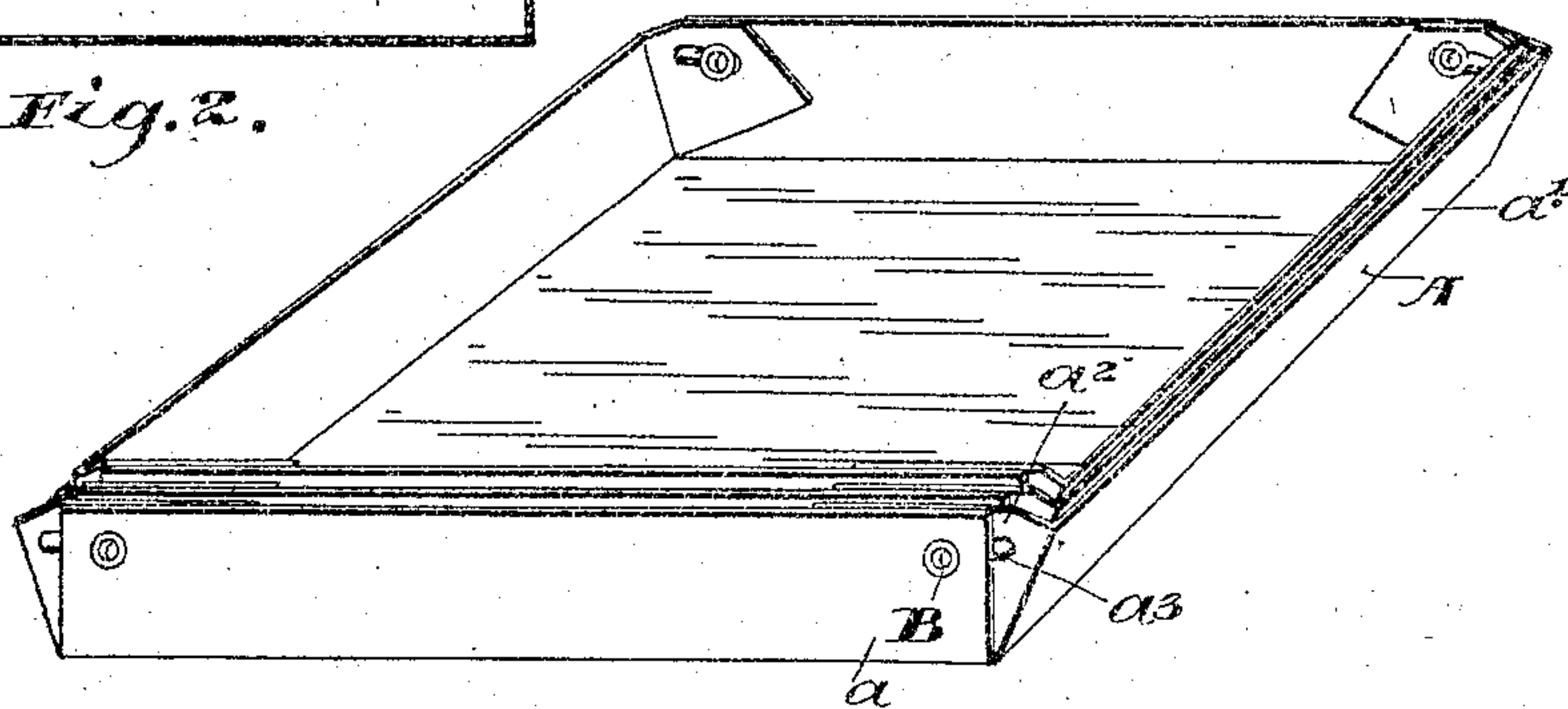


Fig. 3.

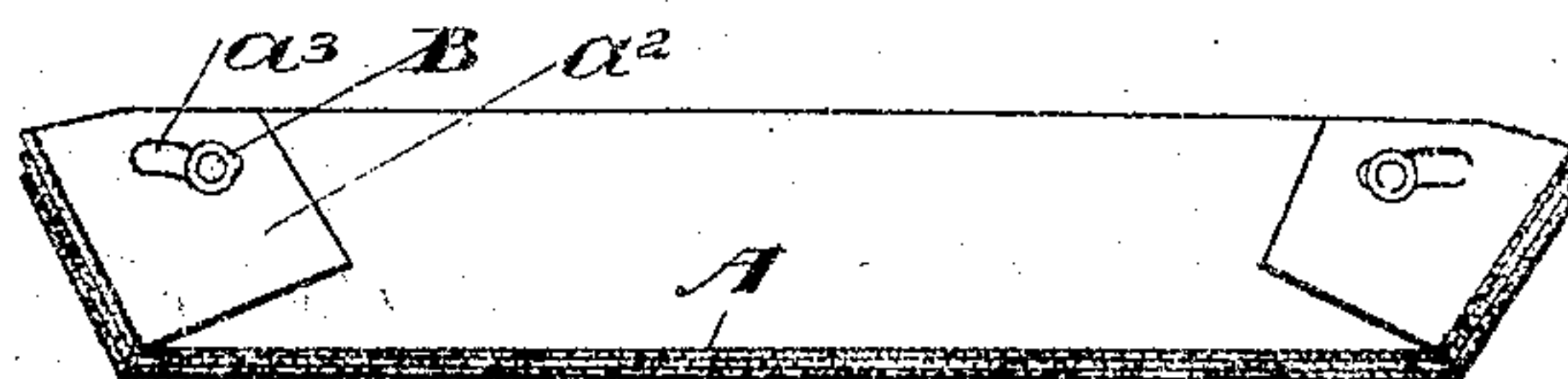


Fig. 4.

Witnesses.

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE LID FOR BOXES.

SPECIFICATION forming part of Letters Patent No. 780,445, dated January 17, 1905.

Application filed July 6, 1904. Serial No. 215,540.

*To all whom it may concern:*

Be it known that I, CHARLES FREDERICK RAMSAY, of the city of Brantford, in the county of Brant, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Adjustable Lids for Boxes, of which the following is a specification.

My invention relates to improvements in adjustable lids for boxes; and the object of the invention is to devise a form of lid the sides of which may be adjusted so that they will flare outwardly, and thereby enable the lids to be packed closely together for shipment and yet provide a lid which will be close fitting on the top of the box, and therefore need not necessarily be made large, as in the ordinary lid, in order to enable it to be readily placed in position on the box; and it consists, essentially, of a lid having two opposite sides provided with eyelets at the ends and the two remaining opposite sides provided with end folds having arc-shaped slots through which the eyelets at the opposite side are designed to extend, so as to hold the folds to the eyeleted sides and permit of the adjustment of the sides, as hereinafter more particularly explained.

Figure 1 is a perspective view of my lid reversed. Fig. 2 is a diminutive sectional view showing the lid placed on a box. Fig. 3 is a perspective view showing the manner of packing the lids together for shipment. Fig. 4 is a section through Fig. 3.

In the drawings like letters of reference indicate corresponding parts in each figure.

A is the lid of the box, which is provided with the sides  $a$  and  $a'$ . The sides  $a'$  are provided with end eyelets B of a greater thickness than the thickness of the sides  $a$  and preferably of the usual form of hollow eyelets. The sides  $a'$  are provided with end folds  $a^2$ , having arc-shaped slots  $a^3$ , through which the eyelets extend, such eyelets being first passed through the ends of the sides  $a$  and then riveted, so as to have the heads overrise the edges of the slot  $a^3$ . The fold  $a^2$  is cut at

the bottom at right angles to the corner fold, so that when the box is folded snugly the sides are at right angles to the top. The arc of the slot is of an arc concentric to the corner of the lid. As the eyelets fit closely or snugly on the edges of the slot and, in fact, have more or less of a pressure on such edges, it will be seen that the sides will be held either in the outwardly-flaring position, as indicated in full lines in the several figures, or in the closed position, as indicated by dotted lines in Fig. 2. When pressed into the latter position, it will be readily understood that the sides of the lid may be made to hug closely the sides of the box over which it fits, indeed, much more so than were the lid made without the attachment above described, as it is well understood by those skilled in the art of making boxes that the lid has to be made quite a little larger than the top of the box over which it fits in order that it may be readily placed in position.

It will be seen from this description that with my form of lid a much closer fitting lid is provided. It will also be seen that my invention may be applied with equal facility to boxes which may be closely packed together in the manner above described and yet when the corners are brought up will make a perfectly secure and strong box.

What I claim as my invention is—

A lid for a box comprising the top and two opposite rectangular sides and two remaining opposite rectangular sides having inwardly-turned extending folds provided with arc-shaped slots and eyelets extending through the sides and slots in the inwardly-extending folds, the said eyelets being riveted in place and so arranged that both heads frictionally grip the material and thereby hold the side in an extended or closed position as specified.

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Witnesses:

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