No. 861,935. PATENTED JULY 30, 1907.

C. C. BARNEA.

DISPLAY DEVICE.

APPLICATION FILED JAN. 11, 1907.

Fig. 1.

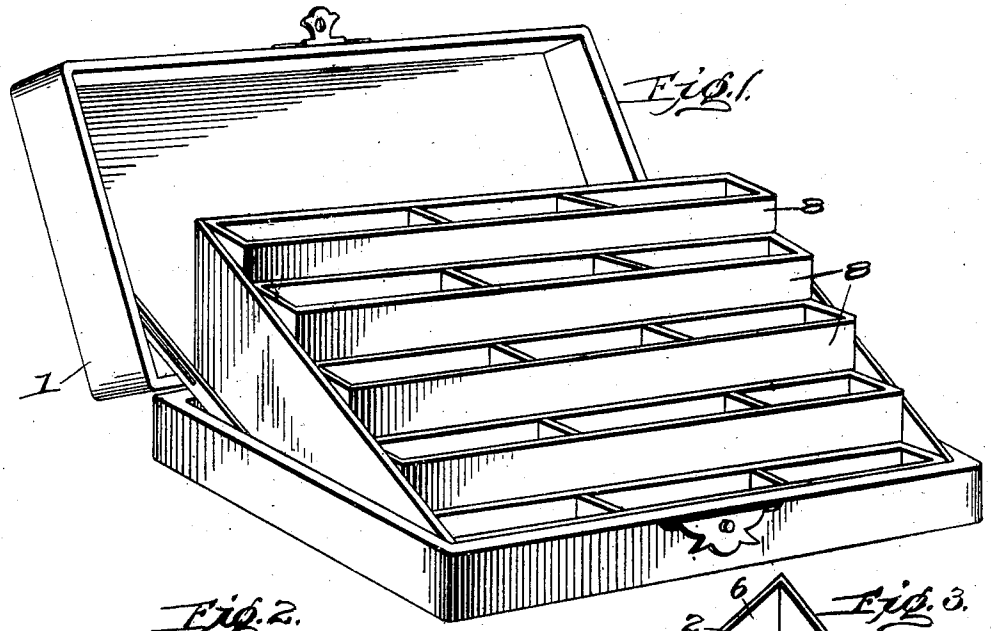


Fig. 2.

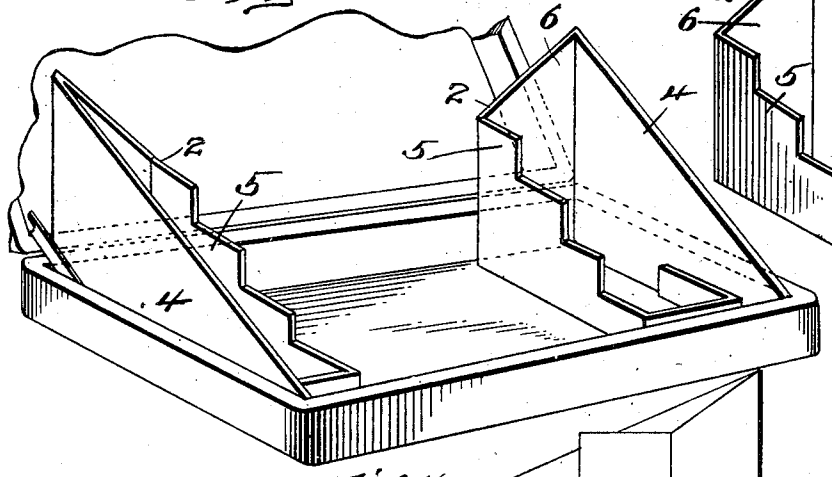


Fig. 3.

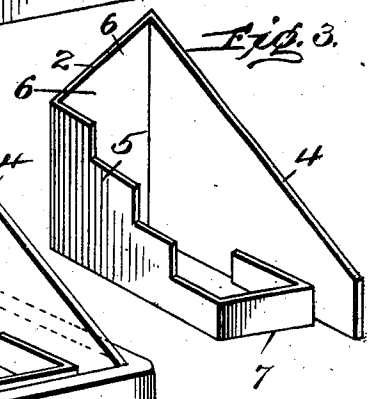


Fig. 4.

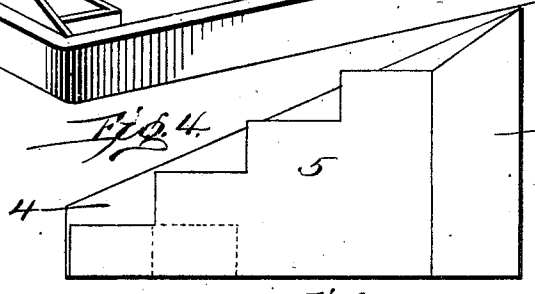
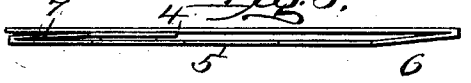


Fig. 5.



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DISPLAY DEVICE.

No. 861,935. Specification of Letters Patent. Patented July 30, 1907.

Application filed January 11, 1907. Serial No. 351,883.

To all whom it may concern:

Be it known that I, CHARLES C. BARNEA, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Display Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in display boxes for seeds, and comprises an outside container or box, and a folding stepped rack for displaying the packages of seed in an elevated condition, and when not in use is designed to be folded into a flat condition and shipped in such condition in the box.

One of the objects of the invention is the production of a display box which enables packages of seed to be shown in an elevated position without the necessity of providing auxiliary attaching means on the trays or boxes containing the packages of seed, or the necessity of providing said trays with any kind of fastening or securing means, thereby lessening the expense of manufacture and facilitating the placing of the trays in position and the removal of the same from the rack.

With this and other objects in view, the invention comprises certain other novel constructions, combinations and arrangements of parts, as will be hereinafter more fully described and claimed.

In the drawings:—Figure 1 is a perspective view of a box and display rack constructed in accordance with my invention, and with the trays for the seed in position on the rack. Fig. 2 is a similar view, but with a portion of the cover broken away and without the trays being in position. Fig. 3 is a detail perspective view of one of the folding stepped end pieces forming a part of the rack. Fig. 4 is a top plan view of one of the end pieces in a folded condition, and Fig. 5 is an edge view of the same.

1 in the drawings represents a box or container of any suitable construction adapted for the shipment and displaying of seeds. The rack for displaying the packages of seed comprises two separated and disconnected end pieces 2—2, each of which consists preferably of a single piece of material folded to form an abutting wall 4, and a stepped portion 5, a back connecting piece 6, and a front end connecting piece 7. I do not, however, wish to limit myself to the use of a single piece of material as the end portion might be made of several pieces connected together. The end pieces when in an unfolded condition, as clearly shown in Figs. 2 and 3, are designed to be set up at the ends of the display box, one of said pieces being provided at each end of the box as shown in said Fig. 2. When the end pieces constituting the rack are set up, trays 8 are placed in position by resting the same on the steps of the rack; the end portions 4 preventing the said trays from having an end-wise movement. By this construction and arrangement, the necessity of providing auxiliary fastening means on the trays for engaging the upper edges of the steps, or providing slots or other means on the trays for engaging said steps, is avoided. The connecting portions 6 and 7 stiffen and steady the end racks and prevent them from wabbling. The portion 7 is connected to the abutment wall 4 of the end device 2 at a point in rear of the front edge of said wall 4, as clearly shown in Fig. 3, so as to leave a space between said connecting portion 7 and the outer edge of said side wall 4. The object of this construction and arrangement is to permit one of the seed trays to be slipped into the space thus formed, which forms an additional means for steadying and holding the two end supporting devices in place.

In practice, in setting up the end supports and the trays for display, the end supports are first set up and the lowermost tray is placed in position for the purpose just described. The other trays are then placed upon the steps in a manner shown in Fig. 1. This produces a very effective and simple means of displaying flower, garden and other seed. Before the racks and trays are set up the racks are folded into condition shown in Figs. 4 and 5, and laid flat in the bottom of the box with the trays on top of the same and with the seeds in the trays, the height of the bottom section of the box and of the upper section being sufficient to allow the end supports, trays and seeds to be packed and shipped in this manner.

It will be observed that by providing two separate and independent end supports less material is employed than where a rack is provided connected by a back piece, consisting of end supports, and, as stated above, by providing the abutting walls, the trays are supported and held in position without the necessity of employing auxiliary securing means in the trays or supports.

Having now described my invention, what I claim and desire to secure by Letters Patent is:—

1. A display rack for seeds consisting of two disconnected end members, each of which comprises an outer wall against which the ends of seed trays are designed to abut, and a step member on which the trays are designed to rest, and pieces connecting the outer wall and the stepped member for steadying the entire structure.

2. A display rack for seeds consisting of two disconnected end members, each of which comprises an outer wall against which the ends of seed trays are designed to abut, and a stepped member on which the trays are designed to rest, front and back pieces connecting the two members the front piece being connected to the outer wall at a point in rear of the front edge thereof, so as to provide a space for the insertion of a tray.

3. As an improved article of manufacture, an end support for the display rack for seed trays consisting of suitable material constructed to form an abutting wall and a

stepped member for supporting seed trays, and connecting back and front pieces for steadying the device, the front end connecting piece being secured to the outer abutting wall in the rear of the front edge.

4. The combination with an outer box or container, of a display rack comprising two disconnected end members, each consisting of an outer wall against which the ends of the trays are designed to abut, and a stepped member connected to the outer wall member at front and back, and spaced from said outer wall member.

5. The combination with an outer box or container, of a display rack comprising two disconnected end members, each of which consists of an outer wall against which the ends of seed trays are designed to abut, and a stepped member upon which the trays are designed to rest, the said members being connected at back and front and spaced apart, the front connecting means being secured to the outer member or wall at a point in rear of its front edge to form a space for the insertion of a tray.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES C. BARNEA.

Witnesses:

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