

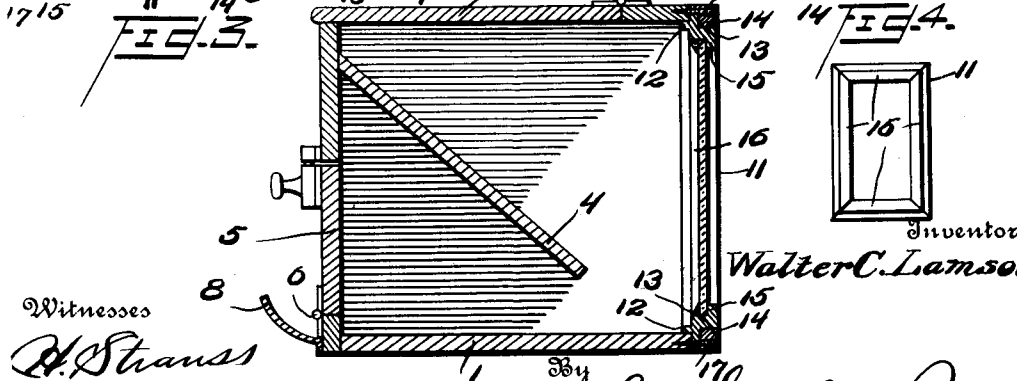
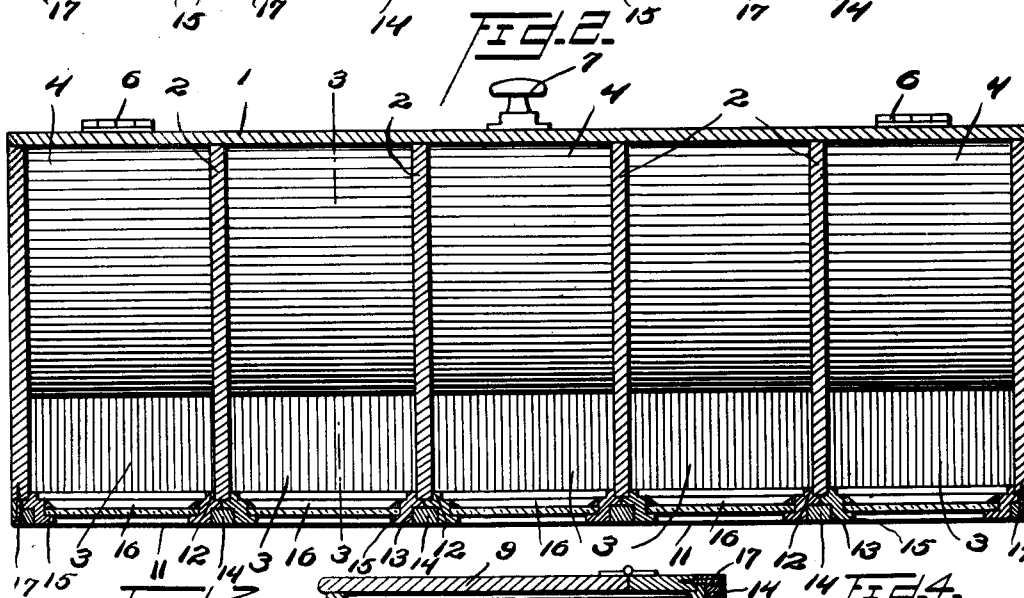
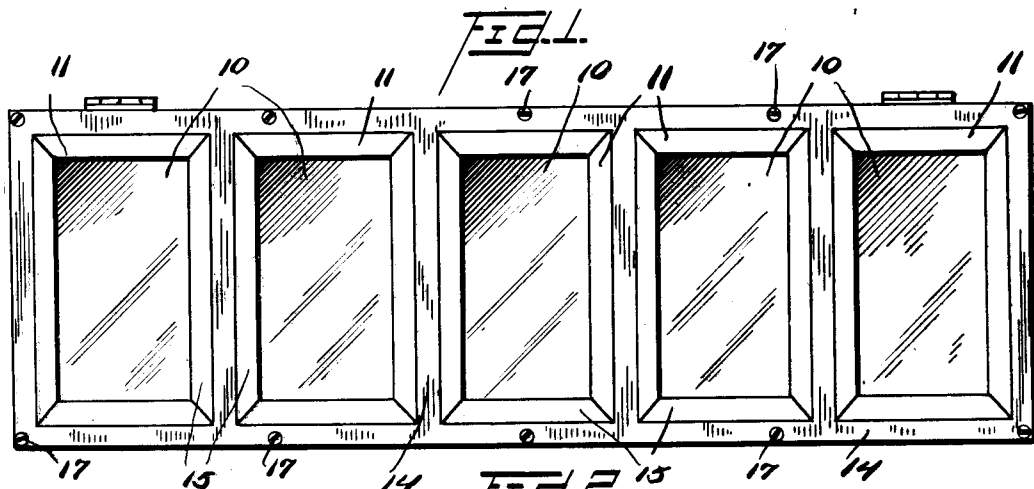
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BIN.

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1,046,810.

Patented Dec. 10, 1912.



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BIN.

1,046,810.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WALTER C. LAMSON, a citizen of the United States, residing at Moorestown, in the county of Burlington and State of New Jersey, have invented certain new and useful Improvements in Bins, of which the following is a specification.

My invention relates to improvements in bins, the object of the invention being to provide an improved construction of bin and series of bins which enable a full display of the contents of the bins, but allow the contents to be removed as occasion may require.

A further object is to provide a series of bins with improved glass containing frames for each bin, and improved means for holding the individual frames in the fronts of the bins.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings: Figure 1, is a view in front elevation illustrating my improvements. Fig. 2, is a view in horizontal longitudinal section. Fig. 3, is a view in vertical transverse section on the line 3—3 of Fig. 2, and Fig. 4, is a view in elevation of one of the bin frames.

1, represents a rectangular box divided by a series of parallel vertical partitions 2 into a series of bins 3, all of which are provided with inclined forwardly projecting partitions 4. These partitions 4 extend from the rear wall of the bin forwardly, and downwardly, so that the contents of the bin feed forwardly, and under this partition 4, where they are removed by any suitable scoop when a rear door 5 is opened. This door 5 is hinged as shown at 6, and is provided with a catch 7. When the door is opened, its downward movement is limited by a trough-like stop 8, so as to hold it in an inclined position.

A hinged cover 9 is provided on top of the device to open the several bins and allow them to be filled. The front of each bin is closed by a glass 10 which is supported in a frame 11. The frames 11 for the individual

bins, are each composed of angle bars. These angle bars are secured together in rectangular form as indicated and on their inner faces they are provided with flanges 12 which fit snugly within the open front of the bin. They are recessed as shown at 13 to receive the bars of a holding frame 14, and they have flanges 15 against which the glass 10 is secured by putty 16 or otherwise.

The holding frame 14 is of rectangular form as shown most clearly in Fig. 1, and comprises longitudinal and vertical bars. The intermediate vertical bars are positioned in the recesses 13 of the adjacent frames 11, while the end bars and the upper and lower bars engage the members of frame 11 at the ends, top and bottom of the bin. In other words, the bars of the holding frame snugly fit within the recesses 13 of the individual frames 11, and when this holding frame is secured to the structure by screws 17, all of the frames 11 will be securely held in the fronts of the bins.

If the glass in any frame is broken, the holding frame 14 may be removed and then the individual frame removed and a new glass placed therein.

With my improved construction of bin, the contents are always removed in rotation. In other words, the coffee, if coffee be in the bin, is removed from the bottom of the bin, and by reason of the inclined partition 4, the bin has the appearance of being full even when there is a relatively small quantity of material in the bin.

Various slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claim.

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

The combination with a box, and a plurality of bins formed therein having open fronts, of rectangular frames for each bin, each frame comprising angle bars having flanges to fit within the open front of the bin, glass secured in said frames, said angle

bars having recesses in their outer faces, and a rectangular holding frame having longitudinal vertical bars fitting within the recesses of the individual frame bars, and means securing said holding frame to the box, substantially as described.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

WALTER C. LAMSON.

Witnesses:

ALFREDA MAY BISHOP,
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