Dec. 28, 1948. G. J. LEMKE 2,457,248

CABINET HAVING PIVOTALLY MOUNTED BINS

Filed Jan. 13, 1947

Fig. 1.

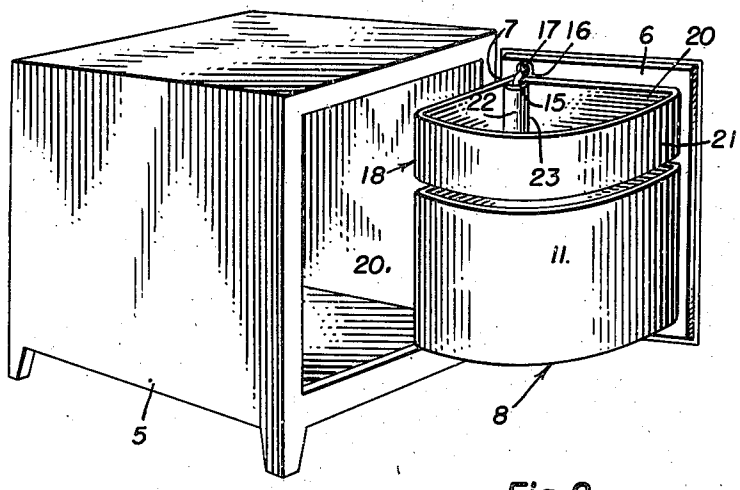


Fig. 2.

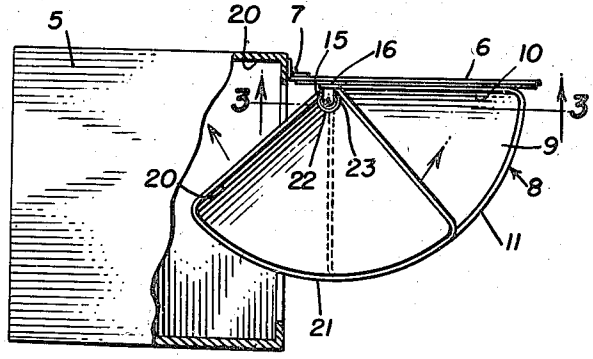
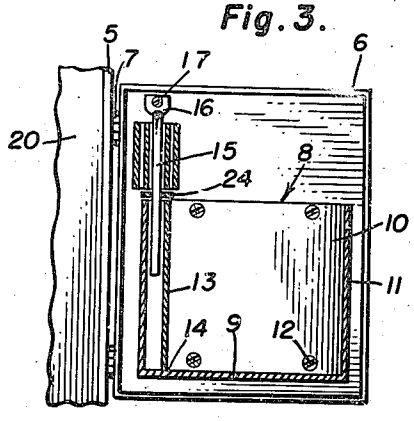


Fig. 3.



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CABINET HAVING PIVOTALLY MOUNTED BINS

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2 Claims. (Cl. 312—152)

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This invention relates to new and useful improvements in kitchen cabinets and more particularly to a swingable bin secured to the door of said cabinet.

The primary feature of the present invention is to provide a combination bin that is quickly installed on any cabinet door, and particularly adapted to hold sugar, flour or the like which is easily accessible to the user.

Another important feature of this invention is to provide a device of the character referred to comprising a lower bin adapted for securing to the inner face of said cabinet door and an upper bin swingably connected to said cabinet door and over the lower bin to provide means whereby different articles may be placed in each of said bins.

A further feature of the present invention is to provide a device of the class described that is particularly adapted to receive a relatively large amount of sugar and flour thereby preventing continual refilling of said bins.

A still further feature of this invention is to provide a combination bin of the character referred to that is neat and attractive in appearance, strong and durable in construction, relatively inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the improved bin attached to the door of a kitchen cabinet, said door being in an opened position;

Figure 2 is a top plan view of the combination bin attached to an open door of a kitchen cabinet, showing the upper bin swung inwardly, with parts of the cabinet broken away and shown in section, and

Figure 3 is a sectional view taken on line 3—3 of Figure 2.

Referring now to the drawing in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention, the numeral 5 represents a usual cabinet of any convenient size having a door 6 hinged as at 7 to said cabinet.

The lower bin designated generally by the numeral 8 is constructed substantially in the segment of a tray and consists of a bottom 9, a pair of straight walls 10, and a curved wall 11.

One of the straight walls 10 is secured by a

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plurality of screws or the like 12 to the inner face of door 6 thereby making the lower bin stationary to said door for movement with the door.

A vertically positioned sleeve 13 secured as at 14 to the joined edges of straight walls 10 is adapted to receive the lower end of a vertical shaft 15 having its upper end flattened and inturned to be detachably secured by a screw or the like 17 to the upper portion of door 6.

The upper bin designated generally by the numeral 18 corresponds in shape to the bin 8 and includes a bottom 19, a pair of straight walls 20, and a curved wall 21.

A vertically positioned sleeve 22 secured as at 23 to the joining edges of straight walls 20 is adapted to receive the shaft 15 on which said upper bin is journaled.

A washer 24 is preferably carried by shaft 15 between the sleeve 22 and the sleeve 13 to provide a spaced opening between the bottom 19 of upper bin 18 and the upper edges of bin 8.

In operation the cabinet door 6 is opened and the upper bin 18 swung inwardly as shown in Figure 2 to provide access into the lower bin 8 for removing flour, sugar or the like from said bin or for refilling said lower bin.

The upper bin is swung forwardly as shown in Figure 1 to provide access into said upper bin.

The door 6 being in a closed position one straight wall of the upper bin bears against the inner wall 20 of the cabinet and the opposite straight wall bears against the inner face of door 6 thereby preventing any banging or shaking of the bins and loss of ingredients carried thereby.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

What I claim is:

1. A cabinet comprising a casing having a hinged door, a lower bin fixed to the inner face of said door, and an upper bin hingedly disposed above said lower bin for covering placement thereover, vertical sleeves carried by said bins, a vertical shaft having its upper end inturned and detachably secured to the inner face of the

door and having its shank disposed through the sleeve on the upper bin and extending into the sleeve on the lower bin, means disposed on said shaft for spacing said bins apart.

2. A kitchen cabinet comprising a casing having a hinged door, a lower bin comprising a bottom, a pair of straight walls and a curved wall, one of said straight walls secured to the inner face of said door, a vertical sleeve secured to the joining edges of said straight walls, a vertical shaft having an upper end inturned and detachably secured to the upper portion of the inner face of said door, and a lower end depending vertically into a portion of said sleeve, an upper bin disposed above said lower bin and corresponding in shape thereto, and a vertical sleeve carried by the joining edges of said straight walls

of said upper bin, said sleeve adapted to receive the upper portion of said shaft to provide means for swingably connecting said upper bin to said shaft.

GEORGE JOHN LEMKE.

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