

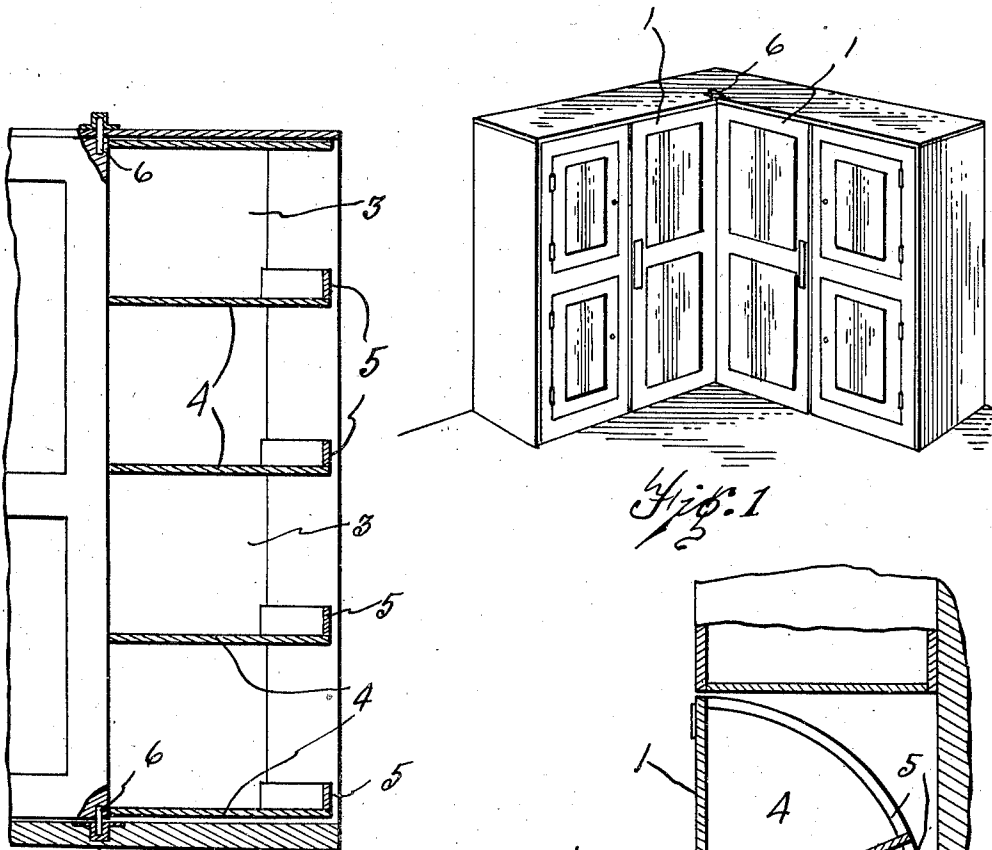
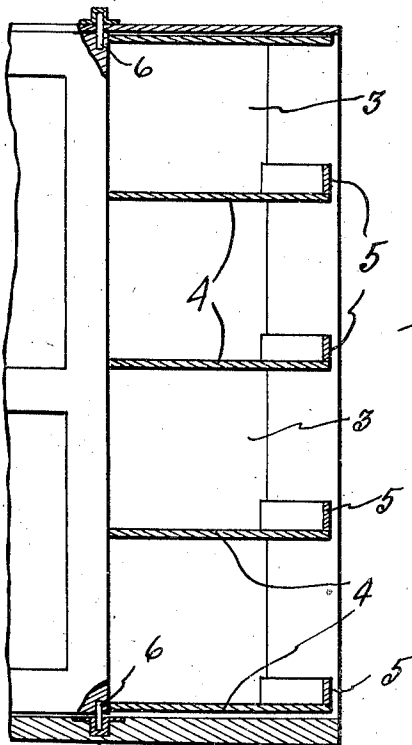
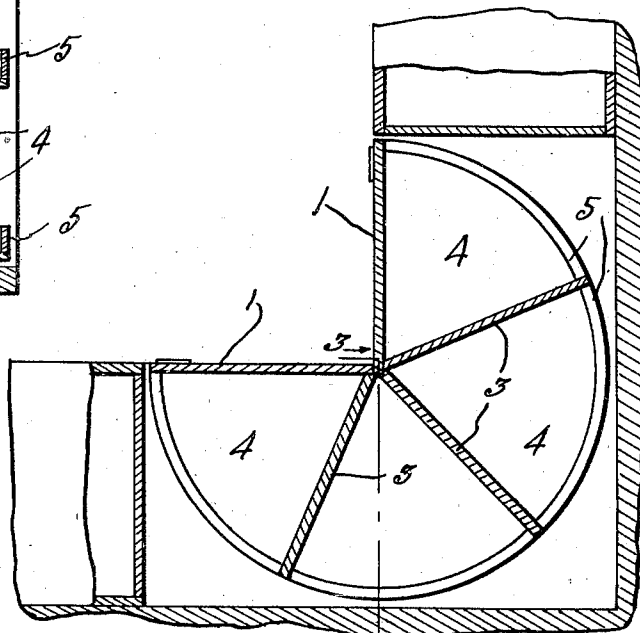
Jan. 7, 1930.

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1,742,333

CORNER BIN FOR KITCHEN CUPBOARDS

Filed Oct. 8, 1926



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UNITED STATES PATENT OFFICE

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CORNER BIN FOR KITCHEN CUPBOARDS

Application filed October 8, 1928. Serial No. 140,236.

This invention relates to corner bins for kitchen cupboards and the object of the invention is to provide a bin adapted to be turned on a vertical axis and provided with end panels adapted to extend flush with the faces of the cupboard when the bin is in closed position.

Another object of the invention is to provide a corner bin of the character described provided with shelves adapted to be exposed to view by turning the bin on its axis.

Another object of the invention is to provide a corner bin for kitchen cupboards in the form of a cylinder mounted on its vertical axis, one-fourth of the cylinder being cut away in the form of a segment to provide end panels for the bin extending flush with the adjacent doors of the cupboard.

These objects and the several novel features of the invention are hereinafter more fully described and claimed and the preferred form of construction by which these objects are attained is shown in the accompanying drawing in which—

Fig. 1 is a perspective view of a kitchen cupboard embodying my invention.

Fig. 2 is an enlarged horizontal section through the corner bin.

Fig. 3 is a section taken on line 3—3 of Fig. 2.

As shown in Figs. 1 and 2 the bin is built up from a pair of vertical partitions providing paneled doors 1 which are secured together at right angles to each other so as to extend flush with the adjacent doors of the cupboard as will be understood from Fig. 1. As shown in Fig. 2 a series of radial partitions 3 divide the interior of the bin into segmentary compartments. These compartments as shown in Fig. 3 are provided with shelves 4 and each shelf is provided with an upwardly extending arcuate flange 5 to prevent articles from coming off from the shelves. This device is set on its vertical axis on the pivot pins 6 and the entire bin turns on these

pivots, the pivots being set in the corner of the cupboard in order to mount the bin in its proper position. When thus positioned, the panels 1 of the bin appear as hinged doors. By pushing in on either of the panels 1 the bin will be turned on its axis so that the shelves are easily accessible and the shelves are designed to accommodate all types of articles. With this arrangement a great amount of shelf room is provided in the smallest possible space without changing the appearance of the ordinary cupboard.

From the foregoing description it becomes evident that the device is very simple and efficient in operation, will not easily get out of order, is composed of few parts and is of consequent low manufacturing cost and provides a device which accomplishes the objects described.

Having thus fully described my invention, its utility and mode of operation, what I claim and desire to secure by Letters Patent of the United States is—

The combination with a kitchen cupboard having portions extending at practically a right angle one to the other and formed of spaced inner and outer vertical walls, the inner walls of the two portions terminating short of the point of intersection of the vertical planes occupied thereby respectively, of a rotary bin pivotally supported practically at the point of intersection of the planes of the inner walls of the two cupboard portions, said bin having a pair of vertical partitions positioned at practically a right angle one with the other and adapted, when the bin is in closed position, to occupy substantially the same planes as the inner vertical walls of the cupboard portions and providing an arrangement having the appearance of an ordinary closed cupboard, said vertical partitions of the bin and the inner vertical walls of the two cupboard portions having similarly formed outer faces, the remainder of the rotary bin, when in the closed position, lying within the

area defined by the respective planes occupied
by the inner and outer vertical walls of the
cupboard, a series of vertical, radially posi-
tioned, partition members in that portion of
the bin within the cupboard when in closed
position forming chambers open at the pe-
riphery of the bin, and horizontal shelves
provided in the said chambers.

In testimony whereof I sign this specifica-
tion.

EARNEST FRANKLIN WALTER.

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