March 4, 1924. 1,485,496

T. G. ELLIOTT

PANTRY RECEPTACLE

Filed Nov. 13, 1922

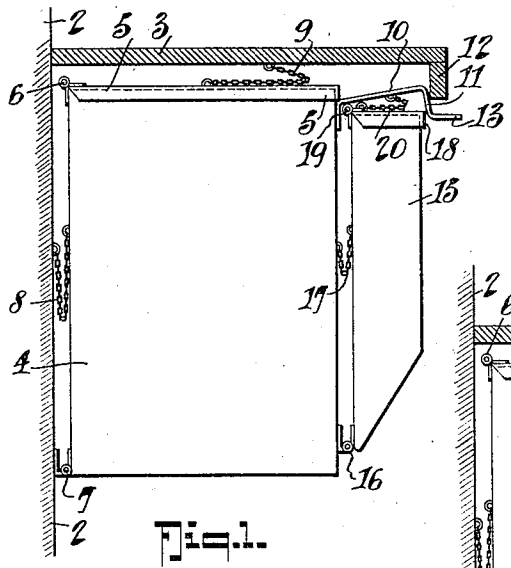


Fig. 1.

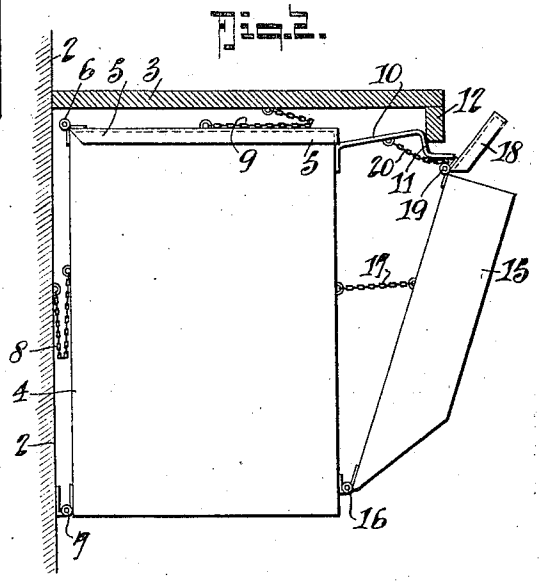


Fig. 2.

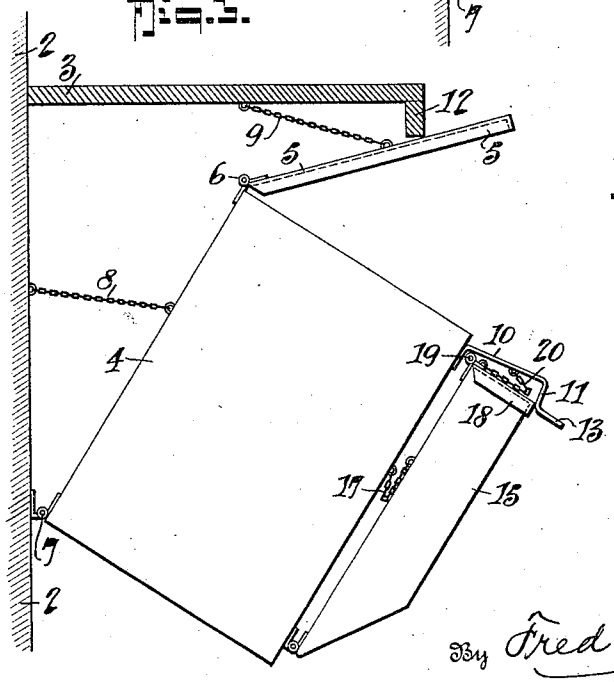


Fig. 3.

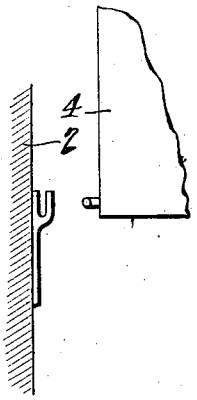


Fig. 4.

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UNITED STATES PATENT OFFICE.

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PANTRY RECEPTACLE.

Application filed November 13, 1922. Serial No. 600,682.

To all whom it may concern:

Be it known that I, THOMAS G. ELLIOTT, a citizen of the Dominion of Canada, residing at North Vancouver, in the Province of British Columbia, Canada, have invented certain new and useful Improvements in Pantry Receptacles, of which the following is a specification.

This invention relates to a pantry receptacle of that class used for the reception of articles which it may be necessary to have easy of access without the container forming an obstruction to the ready use of a shelf or table.

The device comprises the manner of supporting the box beneath the shelf or table to maintain the same closed when not required, and to be movable outward therefrom to a sufficient extent to afford access. The invention also comprises a means for raising the cover of the container co-operatively with outward movement of the same and means for co-operatively mounting a similar smaller receptacle.

The invention is fully described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Fig. 1 is a side elevation of the device when applied to a wall beneath a shelf or dresser, the same being in the normal or closed position.

Fig. 2 is a similar view showing one of the receptacles as opened for use.

Fig. 3, a similar view showing the other receptacle as opened, and

Fig. 4 shows the removable hinge connection of the receptacle.

In these drawings 2 represents the wall, and 3 a shelf supported thereagainst. A rectangular box 4 is hinged at 7 along the back edge of the bottom to the wall 2 immediately below the shelf 3. Along the edge of the open end of the box 4 a cover 5 is hinged at 6 to the same side.

Angular movement outward of this box 4 from the wall is limited by a chain 8 connected between the back of the box and the wall, and the cover 5 is connected by a light chain 9 to the underside of the shelf 3.

The box 4 is retained in its upright position beneath the shelf 3 by a latch member 10 of thin resilient metal secured to the front face of the box and projecting outward therefrom, the outer end of which member is turned down, as at 11, to engage a bead 12 downwardly projecting from the outer edge of the shelf 2 and a short distance beneath that bead is outwardly produced, as at 13, to form a finger engagement by which it may be raised or lowered.

The box 4 will thus be allowed to tilt forward to the limit of the chain 8, as shown in Fig. 3, by pushing down the finger engagement 13 of the latch to release it from its engagement with the bead 12, and simultaneously the cover or lid 5 of the box will be opened by the check imposed by the chain 9. Thereafter the box may be moved to its upright position when the cover 5 will close and the latch 10 will spring upward behind the bead 12 and retain the box 4 in the upright position.

A relatively smaller similar box 15 is hinged at 16 along its lower edge to the lower edge of the front face of the box 4. This box is also provided with a chain 17 checking its outward movement at the required limit clear of the shelf, (see Fig. 2), and is provided with a cover 18 hinged at 19 to the back edge of the box with a chain 20 from the cover to the latch member 10.

This box 15 is retained in its upright position against the box 4, as shown in Fig. 1, by the downwardly turned portion 11 of the latch member 10, and may be released from such engagement by lifting the front end 13 of the member 10. The box will then fall outward to the limit imposed by the chain 17 and its cover 18 is simultaneously opened by the chain 20.

As before, the box may be moved back to its upright position and the spring latch member 10 will retain it in that position, see Fig. 1.

Either singly or doubly, as shown in the drawings, the device forms a convenient receptacle in relation to a shelf or table occupying space otherwise not usable and leaving the shelf or table unencumbered for other purposes, while the receptacles are dust-proof and readily accessible.

To enable the boxes 4 or 15 to be readily removable for purposes of cleansing, the hinges 7 and 16 are preferably made as shown in Fig. 4, the pin of the hinge fitting an open bearing secured to the wall 3 or the outer face of the other box 4.

Having now particularly described my invention, I hereby declare that what I claim as new and desire to be protected in by Letters Patent, is:

1. A pantry receptacle of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinged along its lower edge with its open end in proximity to the underside of the shelf, a cover hinged to the open edge of the box along the same side as the hinge, means for retaining the box in its upright position beneath the shelf, and means limiting outward movement of the box on its hinge.

2. A pantry receptacle of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinged along its lower edge with its open end in proximity to the underside of the shelf, a cover hinged to the open edge of the box along the same side as the hinge, means for retaining the box in its upright position beneath the shelf, means limiting outward movement of the box on its hinge, and means for connecting the hinge cover intermediate its hinge and its free edge to the underside of the shelf whereby when the box is tilted outward from beneath the shelf the cover is lifted.

3. A pantry receptacle of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinged along its lower edge with its open end in proximity to the underside of the shelf, a cover hinged along the open edge of the box on the same side as the hinge, a resilient member secured to the front side of the box adjacent its upper end and adapted to engage a bead downwardly projecting from the front edge of the shelf to retain the box in the upright position, means limiting angular movement of the box outward on its hinge, and means connecting the cover of the box to the underside of the shelf whereby when the box is angularly tilted forward beyond the front edge of the shelf the cover will be lifted to afford access to the box.

4. A device of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinge-connected along its lower edge to a support, a cover hinged along the open end of the same side, a second box hinged along its lower edge to the front lower edge of the aforementioned box, a cover for the same hinged to its back edge, releasable means for retaining the boxes in a substantially upright position, and means for limiting angular movement of the boxes outward on their hinges from the upright position.

5. A device of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinge-connected along its lower edge to a support, a cover hinged along the open end of the same side, a second box hinged along its lower edge to the front lower edge of the aforementioned box, a cover for the same hinged to its back edge, releasable means for retaining the boxes in a substantially upright position, means for limiting angular movement of the boxes outward on their hinges from the upright position, and means whereby the covers will be automatically opened on said angular movement of the boxes outward on their hinge.

6. A device of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinge-connected along its lower edge to a support, a cover hinged along the open end of the same side, a second box hinged along its lower edge to the front lower edge of the aforementioned box, a cover for the same hinged to its back edge, releasable means for retaining the boxes in a substantially upright position and in adjacent parallel relation one with the other, and means for limiting angular movement of the boxes outward on their hinges from the upright position.

7. A device of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinge-connected along its lower edge to a support, a cover hinged along the open end of the same side, a second box hinged along its lower edge to the front lower edge of the aforementioned box, a cover for the same hinged to its back edge, releasable means for individually or collectively retaining the boxes in a substantially upright position, and means for limiting angular movement of the boxes outward on their hinges from the upright position.

8. A pantry receptacle of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinged along its lower edge with its open end in proximity to the underside of the shelf, a cover hinged along the open edge of the box on the same side as the hinge, a second box hinged along its lower edge to the front lower edge of the aforementioned box, a cover for the same hinged to its back edge, a resilient latch member secured to the front face of the first mentioned box, the free end of which member is turned down to engage a bead projecting downward from the front edge of the shelf and the outer edge of the second box and then turned outward to form a finger engagement, means limiting outward movement of the first mentioned box from the wall, and means limiting outward movement of the second box from the front face of the first box.

9. A pantry receptacle of the class described, comprising the combination with a horizontally disposed shelf or the like, of an open ended box hinged along its lower edge

with its open end in proximity to the underside of the shelf, a cover hinged along the open edge of the box on the same side as the hinge, a second box hinged along its lower edge to the front lower edge of the aforementioned box, a cover for the same hinged to its back edge, a resilient latch member secured to the front face of the first mentioned box the free end of which member is turned down to engage a bead projecting downward from the front edge of the shelf and the outer edge of the second box and then turned outward to form a finger engagement, means limiting outward movement of the first mentioned box from the wall, means limiting outward movement of the second box from the front face of the first box, means connecting the cover of the first box to the underside of the shelf, and means connecting the cover of the second box to an attachment of the first box.

In testimony whereof I have affixed my signature.

THOMAS G. ELLIOTT.