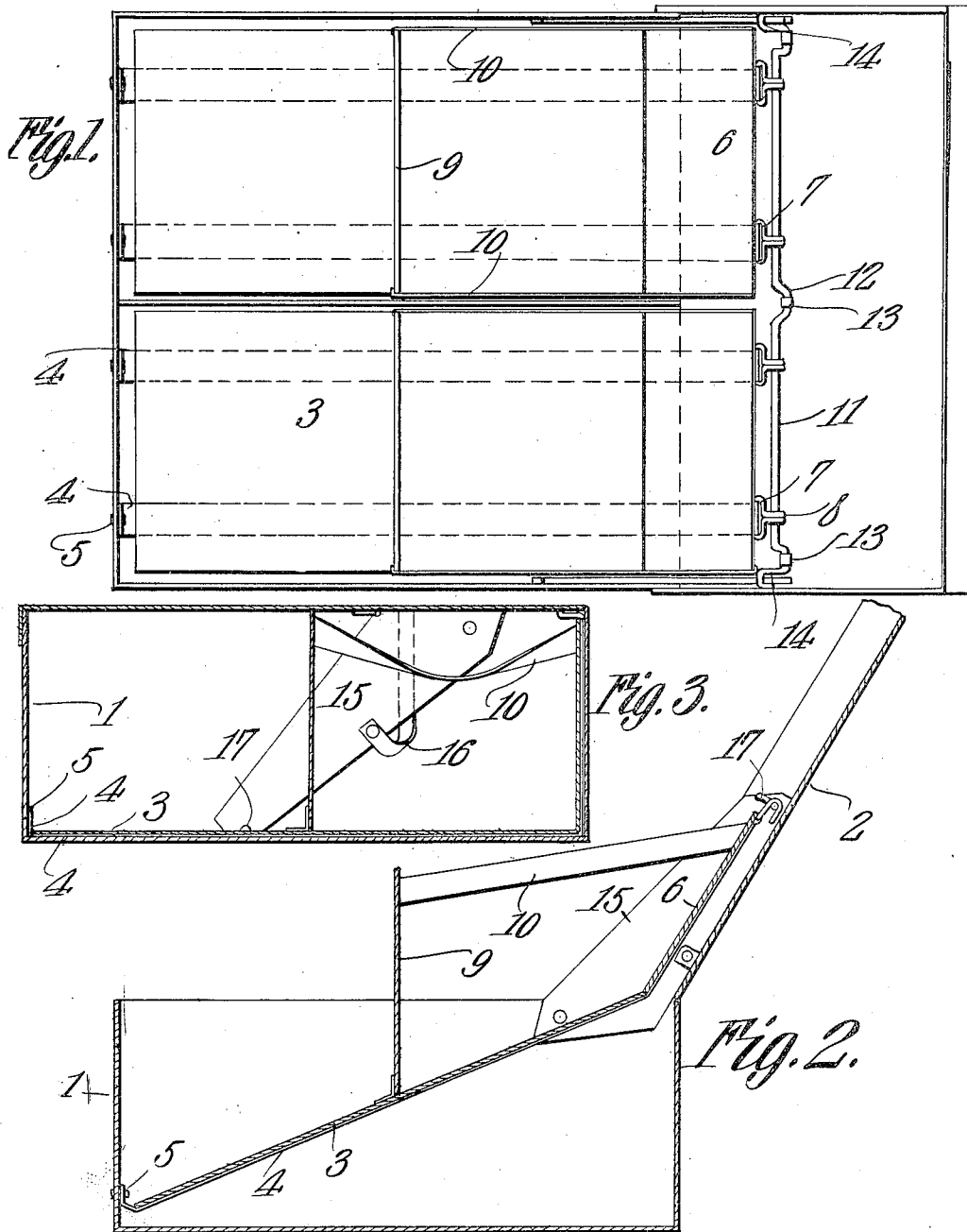


F. M. SOUTHWICK.
PACKAGE HOLDER.
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Patented May 18, 1909.



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UNITED STATES PATENT OFFICE.

FREDERICK M. SOUTHWICK, OF FREDONIA, NEW YORK.

PACKAGE-HOLDER.

No. 922,054.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FREDERICK M. SOUTHWICK, a citizen of the United States, residing at Fredonia, in the county of Chautauqua and State of New York, have invented a new and useful Package-Holder, of which the following is a specification.

This invention relates to package holders and is particularly designed for holding packages of seeds etc. within boxes, the packages being so positioned that all of them will be displayed and within convenient reach.

The holder is designed to be placed upon the market as an article of manufacture and can be readily attached to boxes of different kinds although it is to be understood that the holder may be secured within the box at the time of manufacture and said box with the holders placed upon the market for holding and displaying packages.

The object of the invention is to provide a holder of simple and durable construction which can be completely housed within a box and will hold series of packages separated.

Another object is to provide means whereby the holder can be held by the lid of the box, partly elevated above the box body and with the bottom of the holder inclined so that the packages supported thereby will all be displayed and held in position to be conveniently grasped.

Another object is to provide simple means for locking the box lid in open position so that it will not close under the weight of the supported packages, these locking means being shiftable into the box body when it is desired to close the box.

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

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a plan view of an open box having holders constituting the present invention in elevated positions therein. Fig. 2 is a section through the box and showing the parts in positions indicated in Fig. 1. Fig. 3 is a view similar to Fig. 2 but showing the box closed and the holder detached from the cover.

Referring to the figures by characters of reference, 1 designates a box of any desired

proportions having a lid 2 hingedly connected thereto. This box and its lid may be of ordinary or any preferred construction and the body of the box is designed to contain a desired number of holders embodying the present improvements. In the drawings the box has been shown provided with two holders but it is to be understood of course that any desired number of holders may be placed within the box, the number being restricted only by the size of the box. Each holder consists of a base 3 which may be formed of cardboard or thin wood or other material and arranged longitudinally upon the bottom face of the box and near its side edges are tapes 4 extending at one end beyond the base and designed to be fastened to the front wall of the box 1 by means of rivets 5 or in any other suitable manner, said projecting portions constituting hinge connections between the base and box. A back strip 6 is arranged upon the other end of the base 3 and is secured thereto by the tapes 4. Each tape is looped at its rear or upper end through an eye 7 from which a hook 8 extends. A desired number of leaves 9 are hingedly connected to and arranged transversely upon the base and the ends of these leaves are connected to the corresponding portions of the back strip 6 by means of flexible strips 10. In the drawings only one of these leaves has been shown upon each base but it is to be understood that any desired number of them may be utilized in which event each strip 10 will be connected to all of the leaves and prevent them from swinging apart more than predetermined distances. In order that the holders may be partly supported by the cover 2 when the box is open a rod 11 is arranged transversely upon the bottom or inner face of the cover, said rod having crank portions 12 between and adjacent the ends thereof which bear within fastening loops 13 secured in any suitable manner to the cover 2. Hooked arms 14 are formed at the ends of rod 11.

Pivotaly connected to the inner faces of the end walls of box 1 are brace strips 15 mounted to swing downward into the box, each strip being connected to the cover by means of a flexible strip or tape 16. The free end of each brace strip is notched as indicated at 17 for the purpose hereinafter set forth.

When a box is provided with holders such

as herein described the bases of the holder are placed upon the bottom of the box and the back strip 6 and leaves 9 will divide the interior of the box into compartments or pockets each of which is designed to receive packages, such as envelopes containing seeds, which are placed on edge. The leaves 9 and the back strip 6 are no higher than the walls of the box so as not to interfere with the closing of the cover. The brace strips 15 also assume positions within the box when the cover is closed as shown in Fig. 3. When the cover is raised the tapes 16 will swing the brace strips 15 upwardly out of the box whereupon they may be swung against the cover 2 and the rod 11 partly rotated so as to bring hooks 14 into the notches 17. The cover is thus secured against movement relative to the box body. The back strip 6 is then lifted from the box and hooks 8 placed in engagement with rod 11. The base 3 of each holder is thus supported in an inclined position and the tapes 10 hold the leaves 9 properly spaced apart. It will be apparent that when the parts are thus positioned the packages contained within the holders will be exposed to view and can be conveniently reached.

It is to be understood that if preferred the base 3 may be provided with two or more parallel series of leaves 9 and backstrips 6, and the partition 18 may be mounted upon the base and hinged to it, said partition extending between the leaves and up to the back strip. This construction is so obvious that it is not deemed necessary to illustrate it.

What is claimed is:

1. The combination with a receptacle and a closure hingedly connected thereto; of a base hingedly mounted within the receptacle, a back strip hingedly connected to the base, a supporting device connected to the closure, and means upon the back strip for detachably engaging said device to support the base in an inclined position.

2. The combination with a receptacle and a closure hingedly connected thereto; of a holder comprising a base strip hingedly mounted within the receptacle, a back strip hingedly connected to the base strip, a supporting member mounted on the closure, means carried by the back strip for detachably engaging said member to support the

base strip in an inclined position, a leaf hingedly mounted on the base strip, and a flexible connection between said leaf and the back strip.

3. The combination with a receptacle and a closure hingedly mounted upon the receptacle; of a holder comprising a base strip hingedly mounted within the receptacle, a back strip hingedly connected to the base strip, means for detachably securing the back strip to the closure when opened so as to support the base strip in an inclined position, and means movable into the receptacle for engaging the closure to lock it in open position.

4. The combination with a receptacle and a hinged closure thereon; of a holder comprising a base strip hingedly mounted within the receptacle, a member hingedly connected to the base strip, cooperating means upon said member and the closure for supporting the base strip in an inclined position, bracing members pivotally connected to the receptacle, flexible connections between said bracing members and the closure, and means upon the closure for detachably engaging the bracing members.

5. The combination with a receptacle and a hinged closure thereon; of a holder comprising a base strip hingedly mounted within the receptacle, a member hingedly connected to the base strip, a supporting rod upon the closure, hooks upon said hinge member for detachably engaging the rod.

6. The combination with a receptacle and a closure hingedly connected thereto; of a holder comprising a base strip hingedly mounted within the receptacle, a back strip hingedly connected to the base strip; cooperating means upon the closure and back strip for supporting the base in an inclined position relative to the receptacle, a leaf hingedly mounted on the base strip, and a flexible connection between said leaf and the back strip.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FREDERICK M. SOUTHWICK.

Witnesses:

HARLOW J. CRISSEY,
F. J. DAVIS.