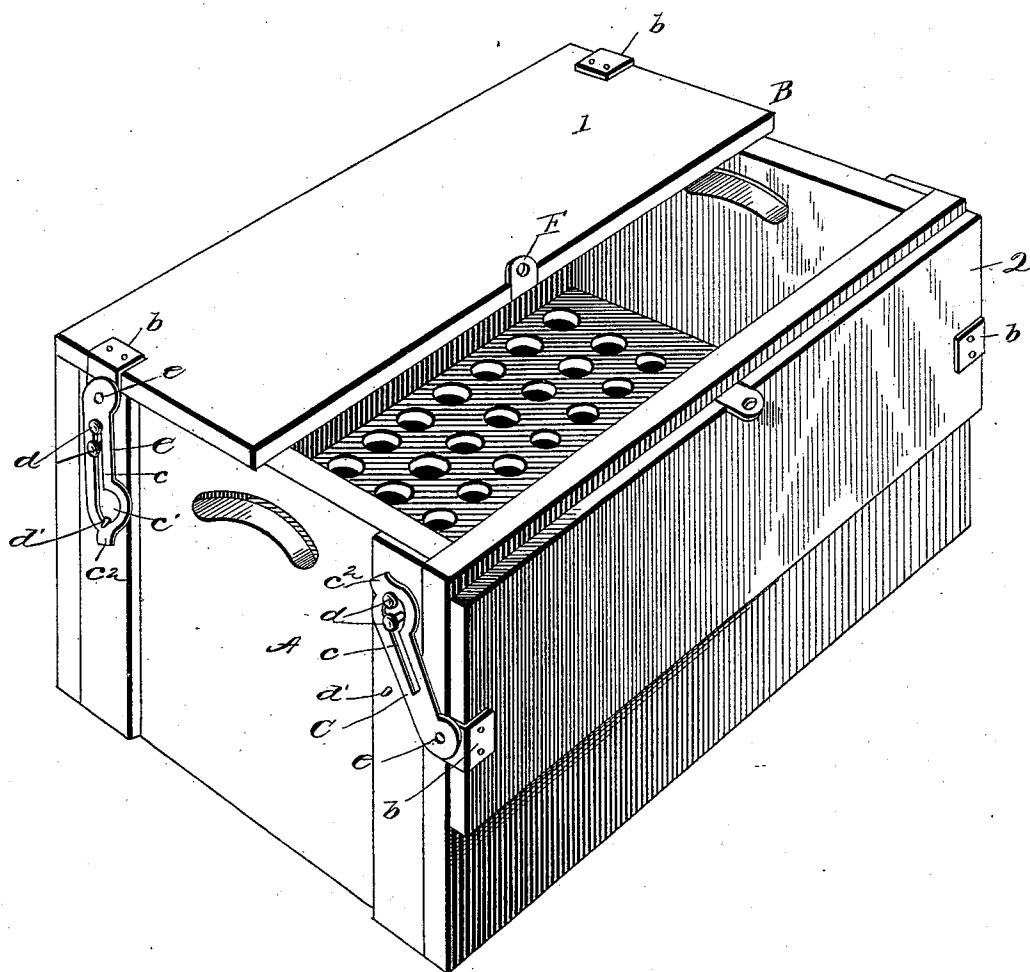


(No Model.)

C. G. BENNETT.
BOX LID AND SUPPORT THEREFOR.

No. 541,585.

Patented June 25, 1895.



Witnesses
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UNITED STATES PATENT OFFICE

CHARLES G. BENNETT, OF HUTCHINSON, KANSAS.

BOX-LID AND SUPPORT THEREFOR.

SPECIFICATION forming part of Letters Patent No. 541,585, dated June 25, 1895.

Application filed January 30, 1895. Serial No. 536,669. (No model.)

To all whom it may concern:

Be it known that I, CHARLES G. BENNETT, a citizen of the United States, residing at Hutchinson, in the county of Reno and State of Kansas, have invented certain new and useful Improvements in Box-Lids and Supports Therefor; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to box-lids and supports therefor and consists in certain peculiarities in the construction thereof, substantially as hereinafter described and particularly pointed out in the subjoined claims.

The object of the invention is to provide a lid support, of very simple and cheap construction, which will serve also as a hinge for the lid and act automatically to lock the lid in closed position against displacement by ordinary jars to which the box is subjected while being handled and which support will also enable the lid easily and quickly to be turned into a plane parallel with the sides of the box and so as not to project above the top of the latter when the box is uncovered. This object is accomplished by the construction illustrated in the accompanying figure of drawing which is a perspective representation of a beer-case to which the improvement is applied, with one section of the lid shown closed and the other open.

A designates the body of a box or case, herein shown as a beer case because the improvement is especially intended for application to this class of receptacles, but it is also applicable to receptacles for merchandise or articles of various other kinds.

B designates the lid which is preferably divided longitudinally to form two independent sections 1 and 2, each of which covers one-half of the top of the box or case. Each end of each of these lid-sections is provided with an angle strap *b* to the depending ends of which are pivoted as shown at *e* the upper ends of arms C. Each of these arms is formed with an elongated slot *c* terminating in an enlarged lower and *c'*. Within each slot *c* is a plurality of headed pins *d* projecting outward from the end of the box or case. When the lid-section is closed these pins lie

within the narrow parts of the slots and they serve to prevent the lid-section from becoming accidentally displaced laterally, and to prevent accidental vertical displacement of the lid-sections each arm is engaged, when the lid is closed, with a pin *d'* as shown. To enable the arms to be readily disengaged from said pins *d'* when it is desired to uncover the box or case and also to cause said arms automatically to spring into locking engagement with said pins the former are formed of spring metal. Their lower extremities are preferably bent outward to form grasping parts *c'* for convenience in operating them.

When it is desired to uncover the box the lower ends of the arms C are sprung outward to clear the pins *d'* after which the lid-section is raised vertically carrying with it its arms C until the pins *d* are within the enlarged terminals *c'* of the slots and then said lid-section is turned upon said pins *d* as pivots until it is opposite the side of the box and finally it turns upon pivots *e* into position against the side of the box. To close the lid-section the above operation is substantially reversed.

From the above description the advantages of this improvement will readily be seen. By constructing the lid in two independent sections it is not necessary to entirely uncover the box or case when access to articles at one side of the case is desired, the importance of which will be appreciated.

When the lids are opened they are entirely out of the way and do not obstruct access to the interior of the box and when closed they are efficiently locked against accidental displacement as above described; but when additional security is desired it is afforded by attaching a proper lock (not shown) to the rings F projecting upward from the adjacent edges of the lid sections.

Having thus described my invention, what I claim is—

1. The combination with the body of a box and the lid therefor, of a pivoted vertically movable arm, having connection with said lid and formed with a longitudinal slot having an enlarged terminal, and a plurality of pins projecting from the box through the narrow part of said slot, substantially as described.

2. The combination with the body and lid of a box or case, of a strap secured to said lid, a yieldable arm pivoted at its upper end to said strap and formed with a slot having
5 an enlarged terminal, a plurality of pins *d* projecting from said body through the narrower part of said slot when the lid is closed, and a pin *d'* normally engaging said arm,

substantially as described and for the purposes specified.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES G. BENNETT.

Witnesses:

Q. K. CHAPIN,

C. H. FULLERTON.