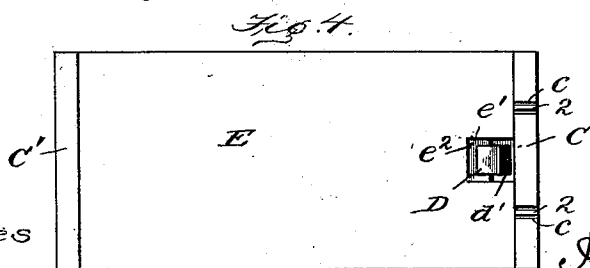
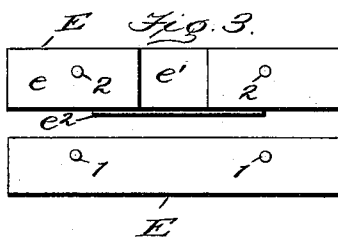
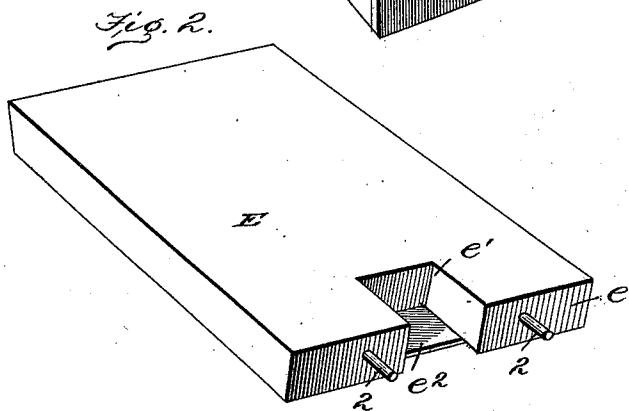
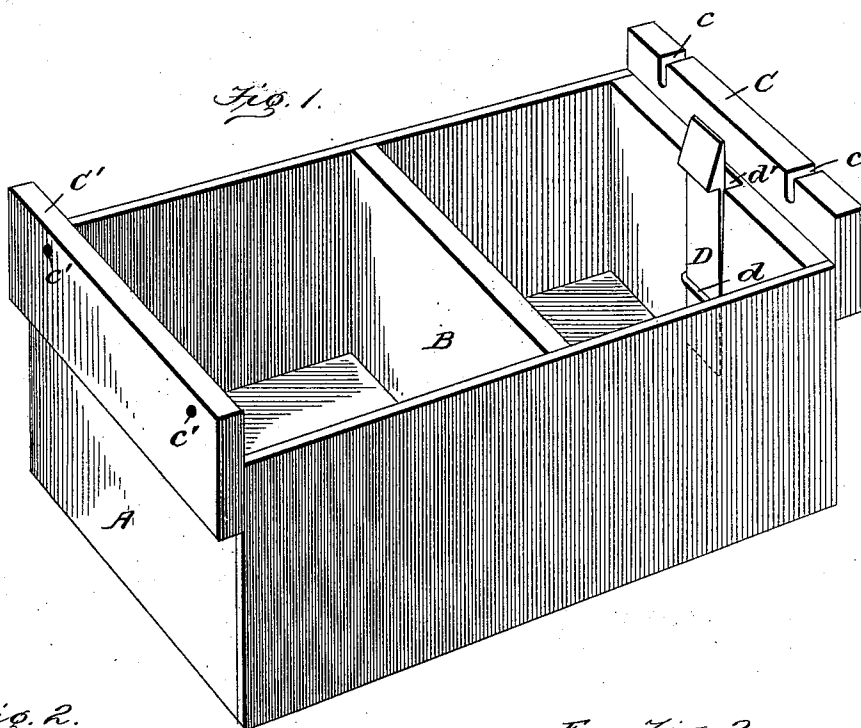


(No Model.)

A. OTTENHEIMER.
BOX FASTENER.

No. 512,517.

Patented Jan. 9, 1894.



Witnesses

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ABRAHAM OTTENHEIMER, OF LITTLE ROCK, ARKANSAS.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 512,517, dated January 9, 1894.

Application filed September 4, 1893. Serial No. 484,773. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM OTTENHEIMER, a citizen of the United States, residing at Little Rock, in the county of Pulaski and State of Arkansas, have invented certain new and useful Improvements in Packing-Cases; 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.

My invention consists of an improved packing case and is constructed so as to provide a safe and reliable self adjustable cover provided with devices that intermesh with the case whereby a perfect and complete closure is effected.

My invention is herein fully described, illustrated in the drawings, and specifically pointed out in the claim.

Referring to the accompanying drawings wherein like letters of reference point out similar parts on each view, Figure 1. is an upper perspective view of a case constructed according to my invention, the cover removed therefrom. Fig. 2. is a detail perspective view of the cover. Fig. 3. represents opposite end views of the cover. Fig. 4. is a top plan view of the box with cover closed thereon.

In the drawings, A, represents the box having a partition B, dividing it into two sections, but there may be more of such partitions without departing from the scope of my invention. Outside one end of the box is a strip, C, the upper edge of which is provided with grooves, *c, c*, for a purpose presently set forth. At the same end of the box, in the inside, is a tooth ended spring, D, the lower end of which is fastened to the side wall of the case by nails, rivets, or any suitable mechanism. At suitable distances above the lower end of the spring it is passed through metal staple, *d*, the terminal points of which are secured to the box.

In alignment with the leaf spring, D, the inner surface of the box is provided with tapering recess, *d'*, which extends from the upper edge of top of the box and terminates near the staple, *d*, enabling the upper portion of leaf spring to be forced within said recess as the cover is placed on and removed. At the opposite outer end of the box is a trans-

verse strip, C', which is provided with apertures, *c', c'*, bored through thickness of the strip and near its upper edge.

The cover, E, at each end, is provided with extending pins, 2, 2, and 1, 1, the front end, *e*, being slightly beveled. See Fig. 2. The cover at this end, midway of its width, has a quadrangular opening, *e'*, having lower plate, *e''*, which extends nearly the full length of said open space.

From the above description, the nature and object of my invention will be readily understood by all familiar with analogous devices. Its operation may be thus described.

The box being open as shown in Fig. 1, the cover is placed in position by first inserting the end pins, 1, 1, in orifices, *c', c'*. The opposite pins, 2, 2, are then guided into grooves, *c, c*, and gentle pressure is applied, by which means the plate *e''* will descend on the inclined face of tooth of spring, D, and force said spring into recess, *d'*. When the plate has reached the lower end of tapering head of said spring it will fall under the plane lower surface thereof which head being thus released from pressure will spring forward and the cover will be secured in position. To remove the cover, the upper end of the spring, by the thumb or finger is pressed into recess at end of the box, the pins, 2, 2, then lifted from recesses into which they are seated and opposite pins, 1, 1, drawn from apertures at opposite end.

I thus provide a box, of the character illustrated in the drawings, with a removable cover that by attachments thereto will always be adjusted in proper position for effecting perfect closure.

Although the device is adaptable for various purposes, it will be found very serviceable for transportation of bottles, eggs or any friable material and diverse articles, such as marketing products, for temporary transportation, which can be placed in sectional divisions of the box, all or portions thereof may be removed from time to time as required, and perfect closure made without use of any instrument or tool which may fracture or destroy contents of the receptacle.

Having thus fully described my invention and the manner of its operation, what I claim,

and desire to secure by Letters Patent of the United States of America, is—

In packing cases, a box having inside one of its ends a leaf spring, having integral
5 toothed end with outer inclined surface, held in position by staple secured within end of the box, transverse strip, C, having upper grooves, c, c, opposite end strip, C', provided with apertures, c', c', in combination with re-
10 movable cover, E, having at opposite ends projecting pins, 1, 1,—2, 2,—one end of said

cover having quadrangular opening, e', plate, e², at its lower surface extending nearly the full area of said opening, as and for the purpose intended, substantially as described. 15

In testimony that I claim the invention above set forth I affix my signature in presence of two witnesses.

ABRAHAM OTTENHEIMER.

Witnesses:

MORRIS M. COHN,

DAVID G. FALK.