

Aug. 14, 1923.

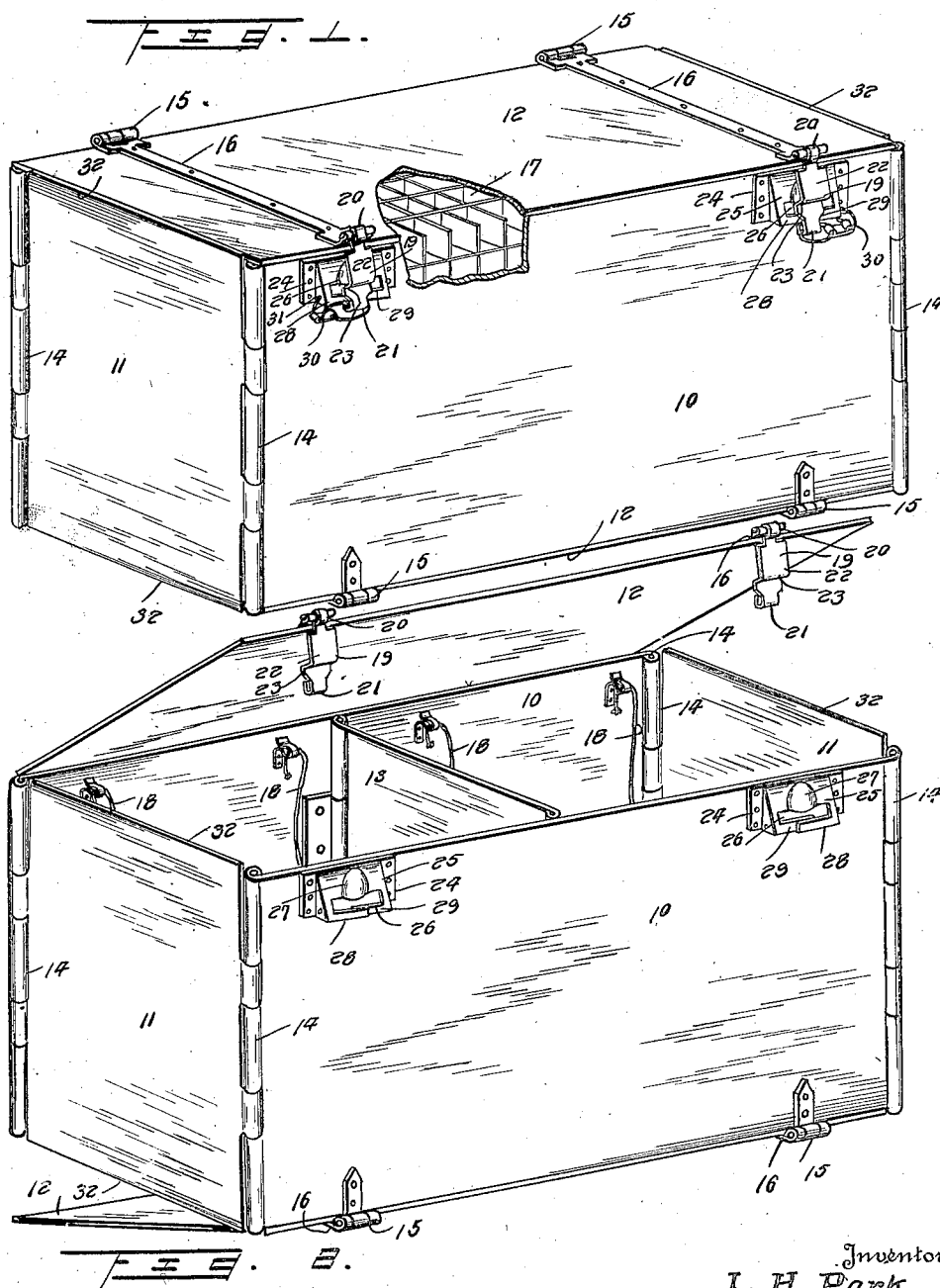
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L. H. PARK

FOLDABLE EGG CASE

Filed April 14, 1921

2 Sheets-Sheet 1



Inventor
L. H. Park.

By *A. Handberg* Attorney

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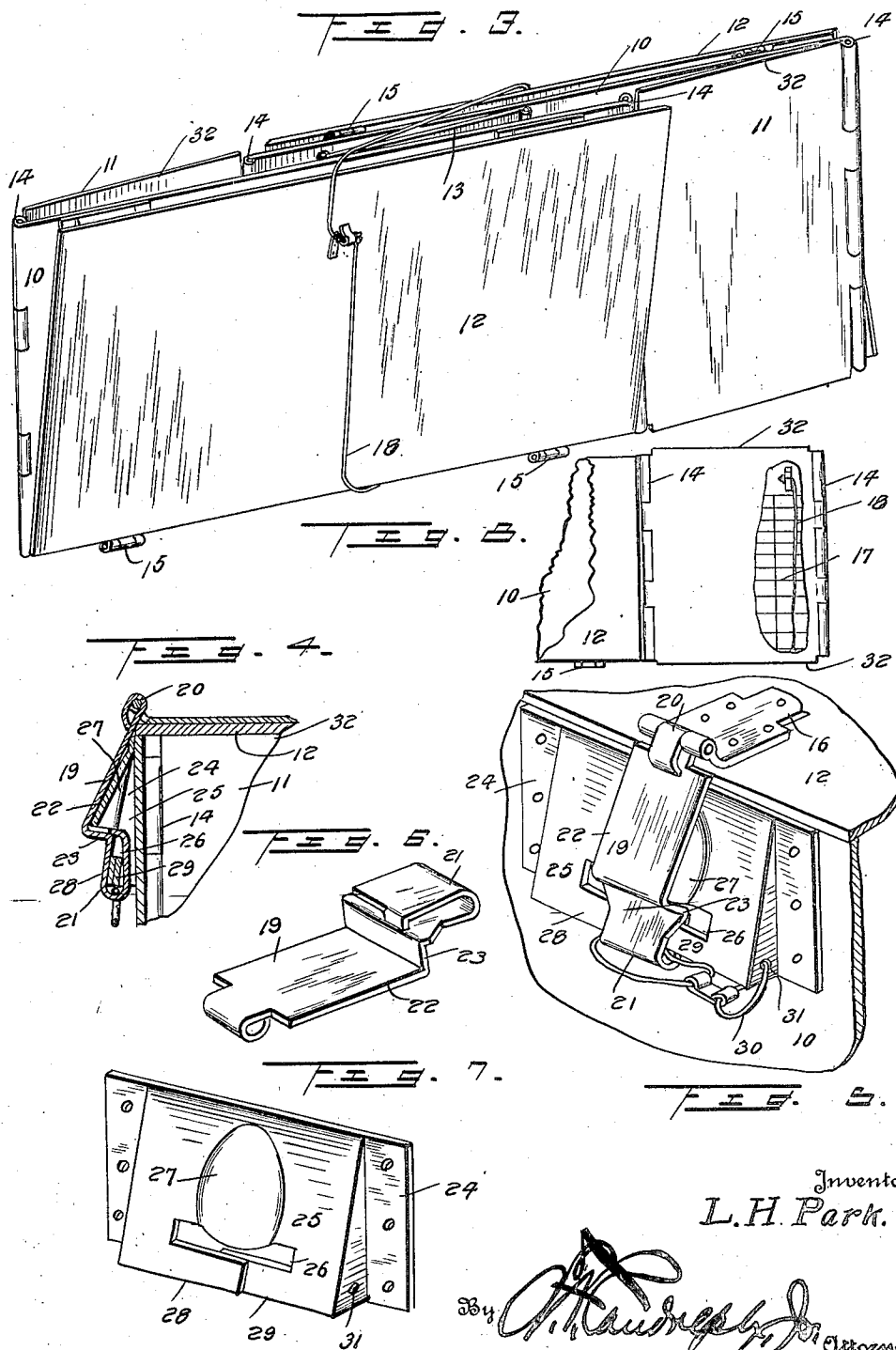
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2 Sheets-Sheet 2



Inventor
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By Maurice J. Attorney

UNITED STATES PATENT OFFICE.

LEE H. PARK, OF SEATTLE, WASHINGTON.

FOLDABLE EGG CASE.

Application filed April 14, 1921. Serial No. 461,185.

To all whom it may concern:

Be it known that I, LEE H. PARK, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in a Foldable Egg Case; 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.

The object of the invention is to provide a simple, inexpensive and efficient foldable or collapsible egg case adapted for use in the shipment of transportation of eggs with security to the contents and capable of being folded into compact form for return to the dealer or producer so as to minimize space and therefore cost of return transportation; and more especially to provide a device of the type indicated wherein the security of the contents of the receptacle against surreptitious removal or substitution may be insured; and with these objects in view the invention consists in a construction, combination and relation of parts of which a preferred embodiment is shown in the drawings, wherein:

Figure 1 is a perspective view of a case embodying the invention in condition for shipment or transportation, the same being partly broken away to indicate the collapsible fillers or cells.

Figure 2 is a similar view showing the top and bottom lids in open position.

Figure 3 is a view showing the crate collapsed or folded.

Figure 4 is a detail enlarged sectional view of one of the clasps by which the free edges of the lids or covers are secured in closed position.

Figure 5 is an enlarged detail perspective view of one of the fastening devices with the elements of the clasps engaged and sealed.

Figures 6 and 7 are detail views respectively of the members of the clasps detached.

Figure 8 is a fragmentary view of an end portion of the crate when folded, part of the end wall being broken away.

The case consists essentially of the side walls 10, the end walls 11, and the top and bottom lids or covers 12, an intermediate partition 13 preferably being employed to connect the centers of the side walls, and said end walls and partition being hinged at their edges to the side wall to permit of

folding into compact flat form as shown in Figure 3, the hinges being indicated at 14.

The top and bottom lids are correspondingly hinged at 15 to the opposite side walls at their remote edges and the hinges are preferably of the strap form to provide transverse braces 16 to stiffen the lid. The fillers or cells 17 are of the usual collapsible or foldable form which may readily be arranged between the side walls when the case is folded, and a retaining cord or tie 18 may be extended around the folded package to hold the same in compact form as indicated in Figure 3.

The clasps by which the free edges of the lids are secured to the side walls consist respectively of a tongue member 19 which is hinged as at 20 to the extremity of one of the reinforcing straps 16 and is provided at its free end with a laterally reduced loop 21 offset inwardly from the plane of the body portion 22 of the tongue to form an abrupt shoulder 23, while the keeper member of the clasp consists of a plate 24 having a beveled offset 25 provided with a longitudinal slot 26. Plate 24 is bowed forwardly at 27 for engagement with the shoulder 23 of the tongue. The slot is bounded at its lower side by terminally overlapping fingers 28 and 29 springing from and formed as a part of the offset portion 25 of the plate and adapted for engagement by the loop 21 as shown in Figure 5, the engagement being effected by placing the loop against the finger 29 and pressing it rearwardly to cause the shoulder 23 to pass under the bulge 27 and at the same time rearwardly spring the free end of said finger 29 so that the fingers 28 and 29 will be in threaded engagement with the loop 21. The loop thus engaged with the yielding terminally overlapping fingers and with the shoulder 23 engaged beneath the bulge 27 to afford resistance to the opening or raising movement of the lid, a sealing wire 30 is engaged with the loop and with a perforation 31 on the base plate to prevent such lateral movement of the loop or the tongue which carries the loop as will permit of disengaging the loop from the fingers by a movement similar to that required in the engagement thereof. In order to disengage the tongue to permit of the raising of the lid, therefore it is necessary to break the seal and move the loop which has sufficient play about its pintle as at 20 so as to cause the inner side thereof to pass

between the overlapping extremities of the fingers 28 and 29 and thereby remove the shoulder 23 from engagement with the bulge 27.

5 The end walls are preferably extended to form reinforcing lips 32 to overlap and lie in contact with the end edges of the lid, the latter closing between the same and thus stiffening the structure against any tendency
10 to collapse or fold.

Having thus described the invention, what I claim is:—

1. A folding egg case having side and end walls hingedly connected at their adjacent
15 edges, top and bottom lids respectively hinged to remote edges of said side walls and terminally engageable with projecting edges of the end walls, and clasps for the free edges of said lids, consisting of inter-
20 locking tongues and keepers respectively carried by said lids and side walls, each of said tongues being pivotally mounted and having a transversely reduced terminal loop and an adjacent offset or shoulder, and the
25 complemental keeper having a bulge for engagement by said shoulder and terminally free overlapping fingers for threaded engagement with said loops.

2. A folding egg case having side and end
30 walls hingedly connected at their adjacent edges, top and bottom lids respectively hinged to remote edges of said side walls and terminally engageable with projecting edges of the end walls, and clasps for the

free edges of said lids, consisting of inter- 35 locking tongues and keepers respectively carried by said lids and side walls, each of said tongues being pivotally mounted and having a transversely reduced terminal loop and an adjacent offset or shoulder, and the
40 complemental keeper having a bulge for engagement by said shoulder and terminally free overlapping fingers for threaded engagement with said loops, the keeper being stretched from a single plate and having a
45 slot separating said bulge from the fingers, and having adjacent means for engagement with a seal.

3. A device of the class described having a tongue and a keeper to secure a part in
50 closed position, said keeper having overlapping fingers, and said fingers being adapted for threaded engagement with said tongue.

4. A device of the class described having a tongue and a keeper to secure a part in
55 closed position, said keeper having a bulged portion and overlapping fingers, said tongue having a loop with which said fingers are adapted for threaded engagement, and an
60 offset on said tongue to engage said bulged portion.

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

LEE H. PARK.

Witnesses:

JOHN C. KLEBER,
E. C. BURGER.