

(No Model.)

A. J. BAKER.
EGG HOLDER.

No. 545,567.

Patented Sept. 3, 1895.

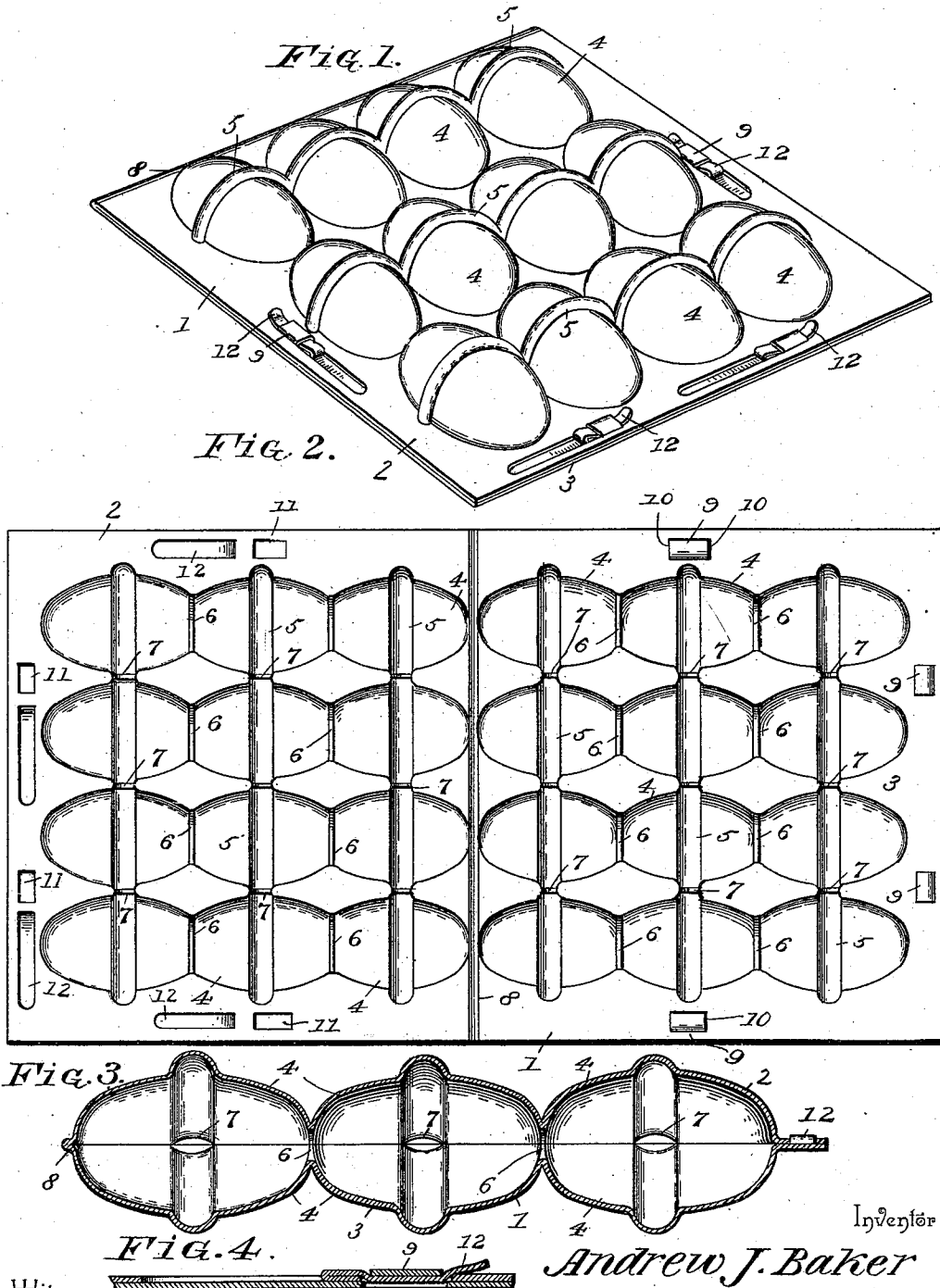


Fig. 3.

Fig. 4.

Inventor

Andrew J. Baker

Witnesses

Julius L. Keefe
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By his Attorneys.

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UNITED STATES PATENT OFFICE.

ANDREW J. BAKER, OF AUBURN, NEW YORK, ASSIGNOR OF THREE-FOURTHS
TO HIRAM W. BABCOCK, WILLIAM B. THORPE, AND ADELBERT P. RICH,
OF SAME PLACE.

EGG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 545,567, dated September 3, 1895.

Application filed October 16, 1894. Serial No. 526,086. (No model.)

To all whom it may concern:

Be it known that I, ANDREW J. BAKER, a citizen of the United States, residing at Auburn, in the county of Cayuga and State of New York, have invented a new and useful Egg-Holder for Shipping-Crates, of which the following is a specification.

The invention relates to improvements in egg-holders for shipping-crates.

The object of the present invention is to provide for shipping-crates a simple and inexpensive egg-holder adapted to cushion eggs effectively during transportation, and capable of facilitating their ready removal from a crate and of cushioning them during such handling to prevent any injury to eggs in event of a holder being placed upon a counter or other support with some force.

A further object of the invention is to provide means for thoroughly ventilating the egg-holders and to provide a simple and inexpensive fastening device for securing the eggs in the holders.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of an egg-holder constructed in accordance with this invention. Fig. 2 is a similar view, the hinged sections being swung open to illustrate the interior construction. Fig. 3 is a sectional view, the holder being arranged as shown in Fig. 1. Fig. 4 is a detail sectional view illustrating the construction of the fastening device for securing the sections together.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates an egg-holder, which may be of any desired size to suit the capacity of the shipping-crate, and which is constructed of a single piece of any suitable material, preferably paper. Woven wire may be employed, but paper-pulp or papier-maché is the cheaper and more advantageous material.

The egg-holder is composed of two hinged sections 2 and 3, provided at their inner faces

with oppositely-disposed semi-egg-shaped concavities 4, and these concavities register with one another, the concavities of one section corresponding with the concavities of the other section, and when the two sections are arranged together, as illustrated in Figs. 1 and 3 of the accompanying drawings, they form egg-shaped pockets for the reception of the eggs. Each depressed outwardly-extending semi-egg-shaped concavity is provided with a transverse groove or corrugation forming an exterior projecting rib 5, which ribs are curved and serve as cushions and are adapted to separate the eggs of one holder from those of another to prevent any liability of the eggs breaking by coming in contact with other eggs or with hard surfaces. The cushions are hollow and prevent any jar or blow being communicated to an egg like a solid cushion would cause. These ribs are out of contact with the eggs and not only cushion them during transportation, but also protect them in removing them from a crate. In taking the egg-holders out of the crate and placing them upon a suitable support, if they should be handled carelessly and placed upon the support rapidly and with some degree of force the eggs will not be broken or injured, as the projecting ribs will hold them out of contact with the support.

In arranging the holders in a crate partitions of pasteboard, of the ordinary construction, are designed to be interposed between the holders, and when arranged in this way the eggs are thoroughly cushioned and may be safely shipped.

The sections 2 and 3 are transversely depressed at the ends of the concavities 4 and substantially semicircular recesses 6 are produced; and the recesses 6 of one section correspond with those of the other section, and when the sections are closed or folded together the recesses 6 register to form circulating ventilating openings at the ends of the concavities. Similar longitudinally-disposed recesses 7 are formed at opposite sides of the concavities at the terminals of the ribs by depressing the material, as shown, and these register similar to the recesses 6 to form side openings. The openings formed by the re-

cesses 6 and 7 provide series of ventilating-openings which connect all of the pockets of the egg-holder and effectively ventilate the same.

5 The two sections are preferably formed integral, being constructed of a single sheet of material, and they are hinged together at 8, the hinge being formed by a crease in the paper or other material; but the sections can
10 be constructed separate, although the above manner of forming the hinge is preferable, as it dispenses with the ordinary form of hinge, being cheaper and more easily constructed.

Any suitable fastening device or tie can be
15 employed for securing the sections together to confine the eggs in the concavities, but it is preferable to construct the fastening devices integral with the sections. The section 3 is provided at intervals at its edges with
20 loops or keepers formed by cutting or slitting the material at 10, as shown, and raising the partially severed or disconnected portion. The other section is provided adjacent to the edges with openings 11, rectangular in form
25 and corresponding to the configuration of the keepers 9 and receiving the same when the two sections of the holder are swung together. The loops are engaged by tongues 12, cut from the section 2 and bent back upon themselves
30 toward the openings 11, and adapted to be readily inserted through the cuts or slits 10 and thereby passed under the loops or keepers 9. By this construction the two sections of the egg-holder are firmly secured together,
35 and they may be quickly connected and disconnected to confine the eggs in the pockets and to permit their ready removal.

40 It will be seen that the egg-holder is exceedingly simple and inexpensive in construction, that it ventilates and thoroughly cushions the eggs both during shipment and in

handling in removing them from the crate, that the manner of hinging the two sections is exceedingly simple and inexpensive and dispenses with the ordinary form of hinges, 45 and that the fastening devices for securing the sections together are exceedingly simple and inexpensive and adapted to enable the sections to be rapidly connected and disconnected. 50

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention. 55

What I claim is—

1. An egg holder composed of two similar sections provided with corresponding semi-egg-shaped concavities registering and forming egg pockets, and having continuous 60 grooves at the top and bottom of the pockets forming projecting exterior hollow cushioning ribs, substantially as described.

2. An egg holder, composed of two similar sections provided with corresponding semi-egg-shaped concavities, and having transversely disposed grooves forming exterior cushioning ribs, said sections being provided at the ends and at opposite sides of the concavities with depressed portions forming recesses, the recesses of one section registering 70 with those of the other section to provide ventilating openings, substantially as described.

In testimony that I claim the foregoing as 75 my own I have hereto affixed my signature in the presence of two witnesses.

ANDREW J. BAKER.

Witnesses:

BURT L. RICH,

HERBERT T. FOSTER.