

(No Model.)

G. W. BAUMGARTNER.

ROTARY EGG PRESERVER.

No. 333,100.

Patented Dec. 29, 1885.

Fig. 1.

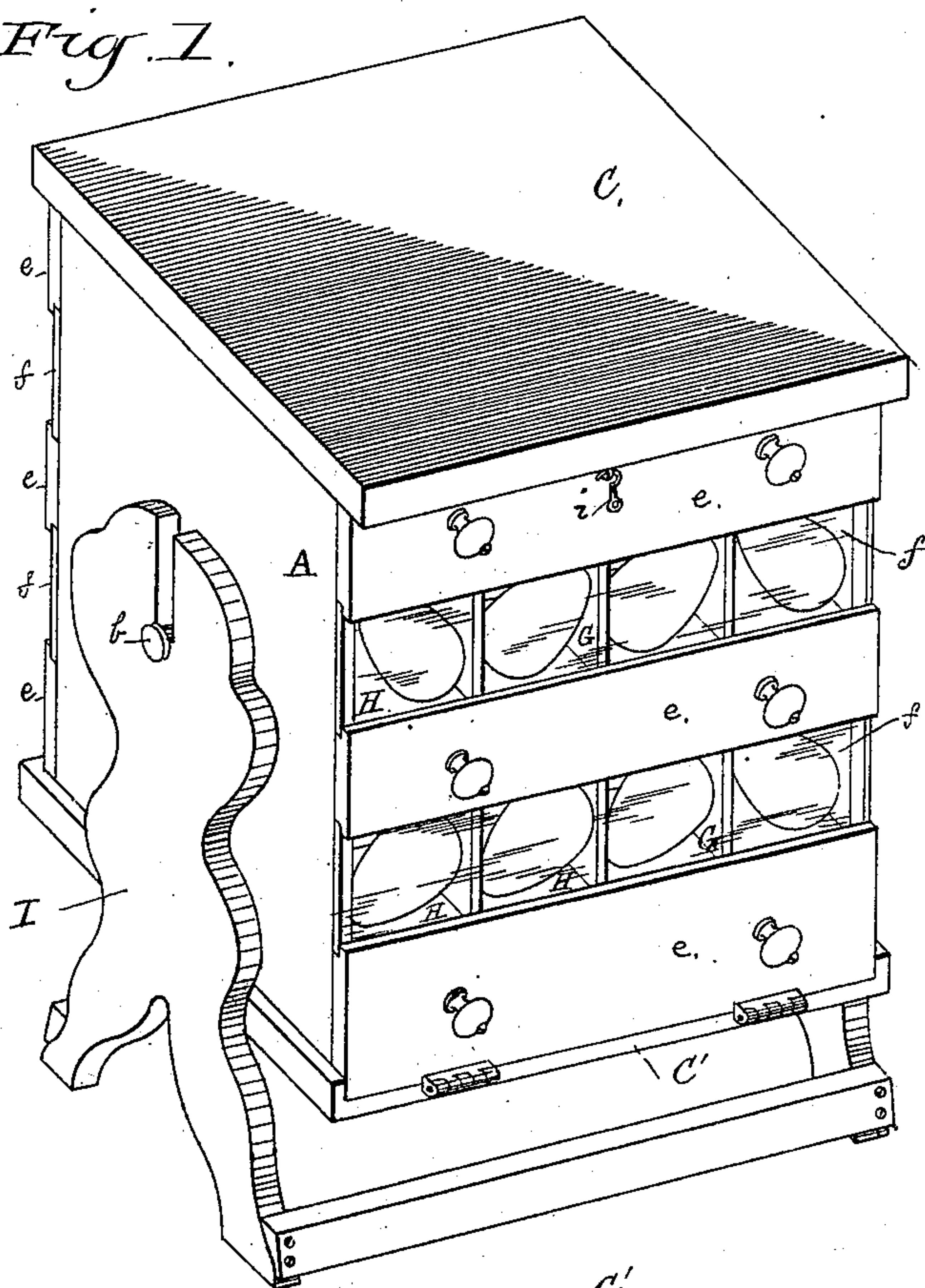
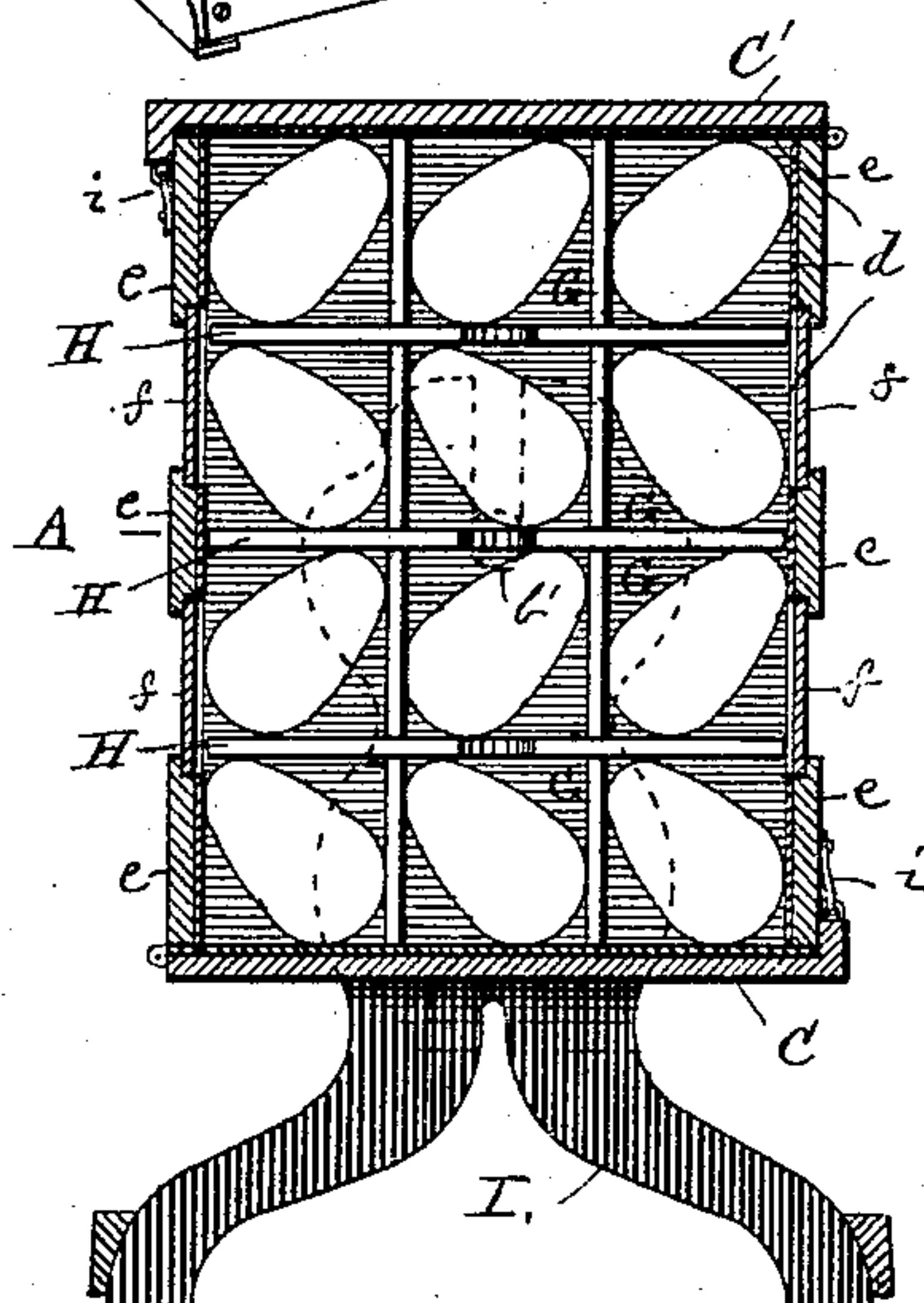


Fig. 2.



WITNESSES:

T. A. Roach.

A. L. Newman.

INVENTOR

Geo. W. Baumgartner

BY

H. N. Jenkins

ATTORNEY

UNITED STATES PATENT OFFICE.

GEORGE WILLIAM BAUMGARTNER, OF NEW ORLEANS, LOUISIANA.

ROTARY EGG-PRESERVER.

SPECIFICATION forming part of Letters Patent No. 333,100, dated December 29, 1885.

Application filed October 28, 1885. Serial No. 181,200. (No model.)

To all whom it may concern:

Be it known that I, GEORGE WILLIAM BAUMGARTNER, a citizen of the United States, and a resident of New Orleans, parish of Orleans, State of Louisiana, have invented new and useful Improvements in Rotary Packing-Cases for Preservation of Eggs, of which the following is a full and exact description, reference being had to the accompanying drawings, making part of this specification.

My invention consists in a rectangular casing having hinged covers at the top and bottom thereof, said box made air-tight, as hereinafter described, and provided inside with rectangular compartments for containing the eggs, and on the outside with end projecting pins or trunnions adapted to fit in bearings made in a supporting-frame, so that the casing can be turned as often as desired.

On the accompanying drawings, Figure 1 is a perspective view of my invention complete, and Fig. 2 a vertical cross-section of same.

The letter A designates a rectangular casing, the center of each end of which is provided with an outwardly-projecting pin or trunnion, *b*, and the top and bottom with hinged covers C C'. The inside of the box and covers are lined with tin or other sheet metal, or with any composition which will effectually exclude air therefrom. Said lining is designated by the letter *d*. The front and rear of the casing, instead of being made solid, is composed of several longitudinal planks, *e*, arranged at suitable distances apart, with the edges next each other grooved or rabbeted to receive glass plates *f*, which are set tight in the box by means of plaster-of-paris, rubber, or any other suitable material. A series of frames, G, composed of thin strips of wood or pasteboard joined together in such manner as to produce a number of rectangular compartments, each of sufficient size to contain an egg, are adapted to fit within the box in tiers or layers, with thin strips of pasteboard or plank H between each, to prevent the eggs of adjacent tiers coming in contact with each other, as well as to keep them, as near as possible, in a steady position. The aforesaid frames and intervening boards are made a little less in length and width than the interior of the casing, in order that they

may be freely dropped into position therein, and each intervening board is provided at or about its center with a hole, *h*, of sufficient size to permit of the introduction of a person's finger, or of an instrument to facilitate its withdrawal when necessary. The trunnions of the casing are journaled in suitable bearings formed in or connected with the uprights of a supporting-frame, I, in order to permit the casing to be revolved or turned over so as to give access to either cover or to change the position of the eggs, and thus prevent their yolks from settling, and thereby imparting a bad appearance to the eggs, as well as endangering the breaking of said yolks when the egg-shells are opened. The covers C C' of the casing A are hinged at diagonally-opposite angles, in order that when either cover is brought uppermost the direction of its opening will be the same. Hooks *i* or other suitable fastenings are provided at the open sides of the covers to secure the same in their closed positions, and the front and rear of the casing are provided with a series of knobs, *k*, to enable said casing to be turned without fear of soiling its painted or polished surface.

The object of the glass plates in front and rear of the box is to permit of a partial inspection of the interior thereof. Thus in the event of the breaking of an egg the accident would be discovered by the drippings therefrom in time to permit of its removal before the balance of the eggs would have become discolored thereby.

By giving the casing a half-revolution once every three days, the eggs will retain their freshness for a period of not less than ninety days.

Having described my invention, what I claim, as new and desire to secure by Letters Patent, is—

1. In a rotating device for preserving eggs, a casing having covers connected with the diagonally-opposite angles thereof, said casing provided internally with egg-frames and intermediate boards, as described, and externally with end pins or trunnions, substantially as and for the purpose set forth.

2. In combination with a suitable frame having journal-bearings therein, the casing provided with end pins or trunnions adapted to operate in the aforesaid bearings, as described, the

said casing provided with a pair of covers hinged at diagonally-opposite angles thereof, and furnished inside with a series of egg-frames and intermediate boards, the covers and casing being made air-tight, substantially as described.

3. A casing provided externally with end pins or trunnions, whereby it is adapted to be supported in a suitable frame, and internally with a series of egg-frames and intermediate

boards, as described, the front and rear of the casing being provided with glass plates, substantially as and for the purpose specified.

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

GEORGE WILLIAM BAUMGARTNER.

Witnesses:

P. M. HILL,

EPH. A. AITKENS.