April 15 , 1924. 1,490,426

J. MORILLAS

BOX FOR EGGS

Filed June 26 , 1923

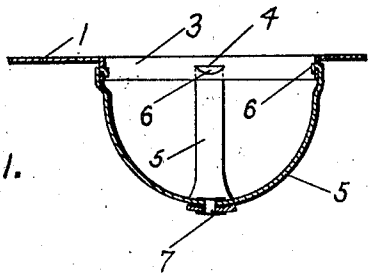


Fig. 1.

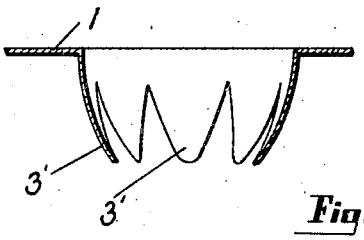


Fig. 3.

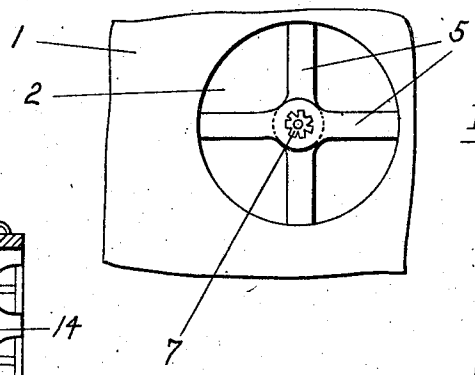


Fig. 2.

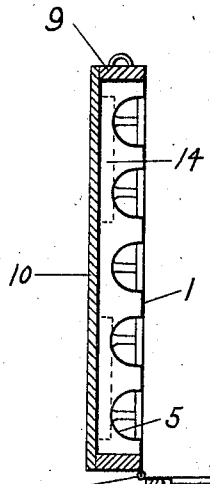


Fig. 5.

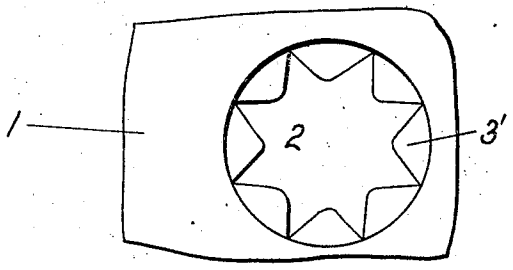
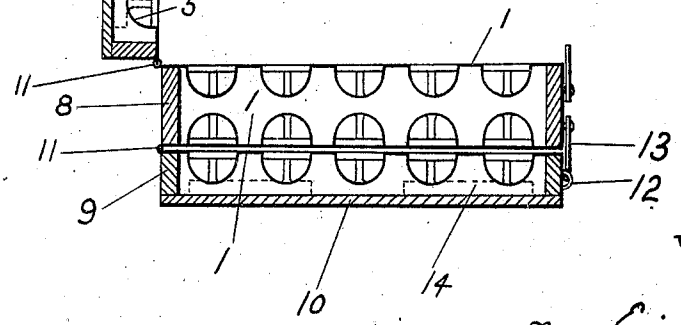


Fig. 4.



Inventor

Justo Morillas

By Emil Bönnelycke

Attorney

Patented Apr. 15, 1924. 1,490,426

UNITED STATES PATENT OFFICE.

JUSTO MORILLAS, OF BUENOS AIRES, ARGENTINA.

BOX FOR EGGS.

Application filed June 26, 1923. Serial No. 647,867.

To all whom it may concern:

Be it known that I, JUSTO MORILLAS, citizen of the Republic of Argentina, residing at 260 Piedras Street, Buenos Aires, Republic of Argentina, have invented certain new and useful Improvements in Boxes for Eggs, of which the following is a specification.

This invention relates to certain improvements in boxes for the storage and transportation of eggs its object being to provide a box of a very simple, light and economical construction in which each egg is separately enclosed without any danger of its being broken or cracked.

The invention has other objects in view which will be clearly seen from the following description and which are clearly set forth in the claims.

In order that my present invention may be clearly understood and easily carried into practice a preferred embodiment thereof has been shown in the drawings wherein:

Figure 1 is a sectional view of one of the sockets or cavities for the eggs.

Figure 2 is a plan view thereof,

Figure 3 is a sectional view of a modified form of socket,

Figure 4 is a plan view of the socket shown in Figure 3, and

Figure 5 is a cross section of my improved egg-box.

Similar characters of reference denote same or like parts throughout the said drawings.

The receptacle according to my present invention essentially comprises a box formed by two or more hinged frames of which each one is provided with a metallic plate having a number of substantially hemispherical sockets therein which on the closing of the box exactly correspond to each other thus forming a closed cavity within which each of the individual eggs is entirely enclosed. To this end the plates 1 which may be of galvanized sheet iron or of any other suitable sheet metal are provided with a series of substantially circular orifices 2 which are formed by stamping or otherwise so that they have an inner flange 3 (Fig. 1) or a series of ears 3′ (Fig. 3). In the first instance the flange 3 is provided with four equidistant cuttings or slits 4 over which the ends 6 of the two metal strips 5 are bent, said strips overlapping each other at their crossing point and being riveted by a rivet 7. It is obvious that the joints and rivet must be perfectly flat, as otherwise the eggs would easily break, since due to the spring action of the strips the eggs are securely held in place. In the modified embodiment of Figures 3 and 4 the wings or ears 3′ are curved so as to form a sort of concavity, as it will be easily seen from the said figures, while keeping the usual elasticity of the metal.

In Figure 5 the box has been shown as having two layers of cavities but it is obvious that it may have a single one or more than two without departing from the scope of my present invention.

In the embodiment shown, the central frame 8 which may be of wood or any other suitable material is provided on both faces with plates 1 provided with sockets as previously explained with the concave face outwards. The end frames have side faces 9 and lids 10 of wood or of any other suitable material and are hinged to the central frame 8 as shown at 11. The closure of the box is effected by hooks 13 and 12 or by any other suitable means such as locks or the like.

When the boxes are to be used for the storage of eggs they may be provided with openings such as 14 in dotted lines in order to allow for the circulation of air.

The eggs are lodged within the cavities 2 and when the lids are closed they are perfectly enclosed and locked against any movement therein.

It is obvious that many constructional and other changes may be introduced without departing from the scope of my present invention which has been clearly set forth in the appended claims.

Having now fully described and ascertained the nature of my present invention and in what manner the same is to be carried into practice I declare that what I claim and desire to protect by Letters Patent is:—

1. A box for eggs comprising a frame having a lid and side faces; a plate secured to said side faces, said plate having a plurality of holes therein each provided with a flange; a pair of metal strips secured to said flange, each strip forming a semi-circle; a second frame; a plate secured to said second frame and having a plurality of holes therein each provided with a flange; and a pair of metal strips secured to said flange, each strip forming a semi-circle, the holes

in said plates being in alignment with each other for the reception of the eggs.

2. A box for eggs comprising a pair of frames hinged together; a plate secured in each frame having a plurality of holes therein; a pair of metal strips secured at each hole in said plate, each strip being in the form of a semi-circle; and a rivet for securing each pair of strips together, corresponding holes in said plates being in alignment with each other for the reception of the eggs.

3. A box for eggs comprising a pair of frames hinged together; a plate secured in each frame having a plurality of holes therein surrounded by a flange; a pair of metal strips secured to each flange, each strip of said pair forming a semi-circle and arranged at right angles to each other; and a rivet for securing each pair of strips together at their bottom portion, corresponding holes in said plates being in alignment with each other for the reception of the eggs.

4. A box for eggs comprising a central frame; two plates secured in said central frame; a pair of end frames, each hinged respectively to the top and to the bottom of said central frame; a plate secured in each end frame corresponding to a plate in said central frame, said plates having holes therein surrounded by a flange; a pair of strips secured to each flange in said plate, the holes in corresponding plates being in alignment for the reception of the eggs.

5. A box for eggs comprising a pair of frames hinged together; a plate secured in each frame; and a plurality of corresponding sockets in each plate, each socket comprising a pair of metal strips, arranged at right angles and each strip being in the form of a semi-circle to thus securely hold the eggs in place.

6. In combination with a box for eggs, of a socket comprising a pair of metal strips arranged at right angles to each other and each strip being in the form of a semi-circle; and means for securing said strips together.

7. In combination with a box for eggs, of a socket comprising a pair of metal strips arranged at right angles to each other and each strip being in the form of a semi-circle for holding the egg in place.

In testimony whereof I affix my signature.

JUSTO MORILLAS.