

D. A. JONES.
PNEUMATIC EGG CRATE.
APPLICATION FILED APR. 25, 1913,

1,097,804.

Patented May 26, 1914.

Fig. 1.

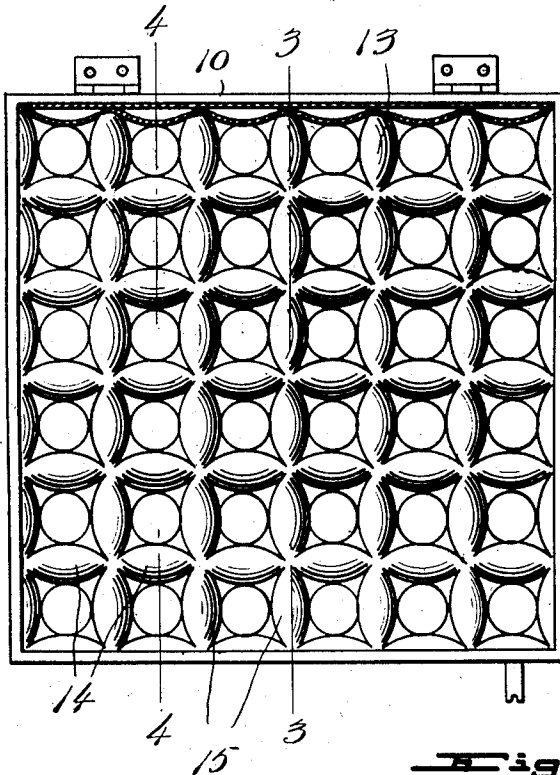


Fig. 2.

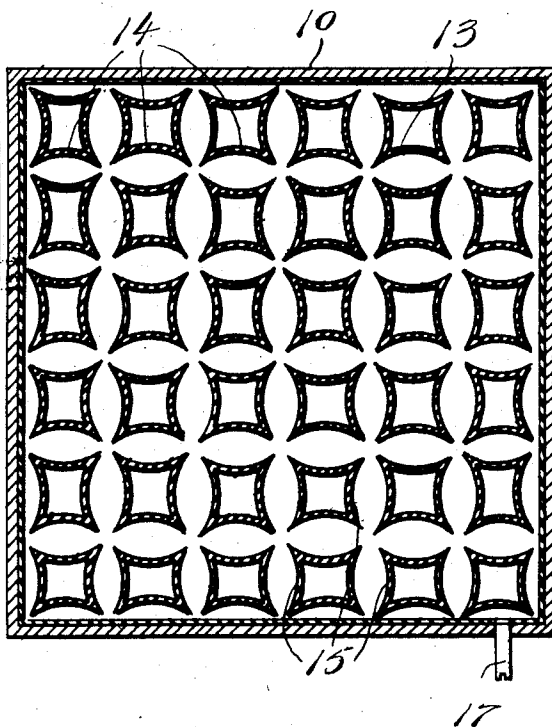


Fig. 3.

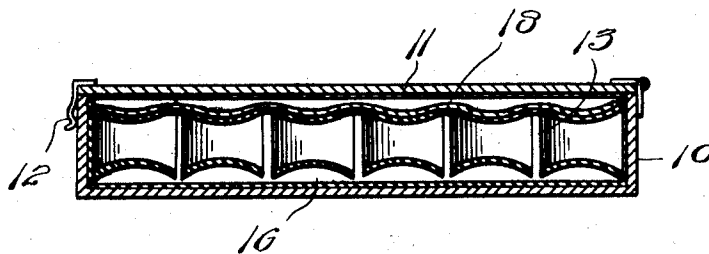
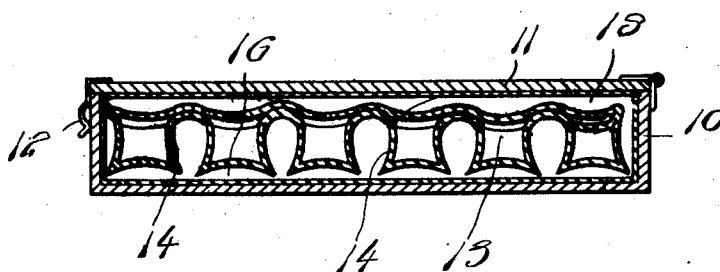


Fig. 4.



Witnesses

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DAVID A. JONES, OF WAYNE, NEBRASKA.

PNEUMATIC EGG-CRATE.

1,097,804.

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Patented May 26, 1914.

Application filed April 25, 1913. Serial No. 763,638.

To all whom it may concern:

Be it known that I, DAVID A. JONES, a citizen of the United States, residing at Wayne, in the county of Wayne, State of Nebraska, have invented certain new and useful Improvements in Pneumatic Egg-Crates; 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.

This invention relates to improvements in egg crates, and particularly to crates for shipping eggs.

The principal object is to provide a cushioning means to protect the eggs from breakage during transit.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawings.

In the drawings: Figure 1 is a plan view of my crate, the lid being removed. Fig. 2 is a horizontal sectional view. Fig. 3 is a vertical sectional view on the line 3—3 of Fig. 1. Fig. 4 is a vertical sectional view on the line 4—4 of Fig. 1.

Referring particularly to the accompanying drawings, 10 represents a suitable box or container which is provided with a lid 11 hinged thereto, said lid being provided with a suitable locking means 12. Disposed in the box 10 is an inflatable cushion member 13, this member including a plurality of transverse lines of air cells 14 and a plurality of longitudinal cells 15, all of these cells communicating. All of the cells 14 and

15 are connected to a bottom chamber 16. An inflating valve 17 for attachment of the ordinary bicycle pump is connected to the cushion member in one corner thereof. The lid 11 is also provided with a cushion cell 18 similar to the cell 16, but only communicating with the cell 16 at the hinged side of the lid.

The eggs are placed in the crate so that one end rests on the cushion 16 and the cushion 18 engages the other end, while the surrounding cells 14 and 15 completely inclose the egg on the sides. It will thus be seen that the eggs are thoroughly protected from striking any hard substances which would tend to crack them, the cushions readily yielding when the box is jarred.

What is claimed is:

The combination with a box having a hinged lid, of a pneumatic cushion secured within the box and lid, said cushion comprising a lid carried air chamber, a box carried air chamber, and a plurality of transverse longitudinal air cells disposed on and connected with the box carried chamber, the box carried chamber, the lid carried chamber and the said transverse and longitudinal cells all communicating with each other, and an inflating valve carried by the cushion member whereby all of the cells and chambers can be simultaneously inflated.

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

DAVID A. JONES.

Witnesses:

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