July 12, 1949. C. J. NOTAR 2,475,913

CHICK SORTING AND SHIPPING BOX

Filed Aug. 28, 1946

Fig. 1

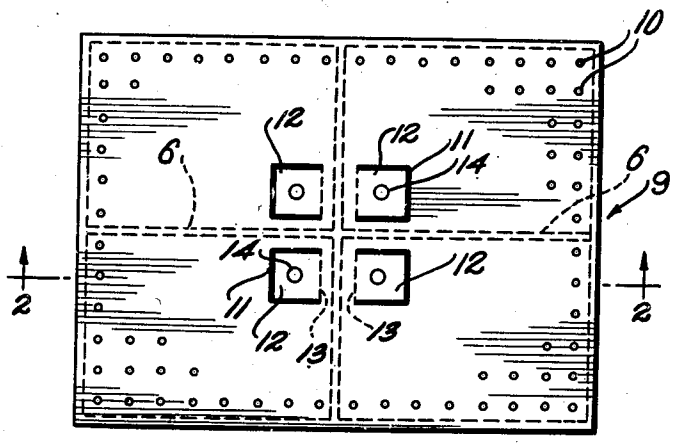
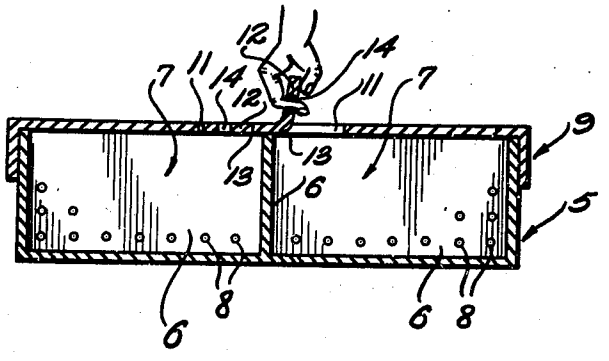


Fig. 2



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Patented July 12, 1949 2,475,913

UNITED STATES PATENT OFFICE

2,475,913

CHICK SORTING AND SHIPPING BOX

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Application August 28, 1946, Serial No. 693,462

1 Claim. (Cl. 229—6)

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The present invention relates to article packing, transporting and shipping boxes in general, and has more specific reference to a novel and improved box which is expressly, but not necessarily, adapted for sorting, counting, and shipping baby chicks.

Considered with greater particularity, the invention has to do with a cardboard or equivalent shipping box wherein the box proper is divided by partitions into selectively usable sorting and counting compartments for the baby chicks, said box being provided with a friction-type closing lid, being perforated for ventilation and said lid having openings communicating with the respective compartments, said openings being normally closed by tab-like closing flaps.

The object of the invention is to provide a simple, practical and economical shipping container which allows the closing lid to be applied and the individual sorting compartments to be thus closed, the auxiliary opening and closing flaps providing a feasible and desirable structure such as allows the user to sort, count, and insert the baby chicks one by one into selected compartments, after which the flap is closed for chick-confining purposes.

Other objects, features and advantages of the invention will become more readily apparent from the following description and the accompanying illustrative drawings.

In the drawings, wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is a top plan view of a baby chick sorting and shipping container or box constructed in accordance with the principles of the present invention, the box being closed and the closing flaps being likewise closed.

Figure 2 is a sectional view taken approximately on the plane of the line 2—2 of Figure 1, looking in the direction of the arrows and showing one of the compartment closing flaps moved to and held in open position.

Referring now to the drawings by distinguishing numerals, it will be seen that the box, which is of appropriate dimensions, material and shape, is denoted by the numeral 5. This is the customary open-top box and is internally provided with a plurality of partitions or dividers 6 defining selectively usable pockets or compartments 7. All of the compartments are of the same construction and the partitions are apertured, as at 8, for convenient ventilating purposes. The closing lid is denoted by the numeral 9 and this is a marginally flanged or rim-equipped lid where-

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in the rim fits frictionally around the marginal wall of the box proper. The one lid serves to close all of the compartments and said lid is provided with ventilating holes 10. At the central area of the lid, I strike out four tongues, these registering with the underlying compartments 7. The tongues are thus arranged in proper relation to the partitions to accomplish this result. Each tongue, thus struck out, defines a so-called "filler" opening or hand-hole 11, through which the baby chicks are placed into the aligned pockets or compartments. The tongue becomes a closing flap 12 and is hingedly mounted or attached in place, as at 13. Each tongue is provided with a finger-hole 14 to facilitate the step of opening and closing the same.

In practice, small chicks, having been sorted for size and other requirements, are placed, one by one, into the selected sorting and shipping compartments and are thus properly sorted and counted. Each hand-hole is opened or closed according to requirements, and the flaps are likewise utilized in proper, progressive order to achieve desired ends. When the box is filled, all of the flaps 12 are closed to make same ready for transportation and shipping.

The gist of the invention lies in the provision of a multiple compartment box or container suitable for intended purposes and a cover or lid therefor, said cover having individual hand-holes and closing flaps and said hand holes and coacting flaps being properly positioned to align and correlate with the compartments. It follows, therefore, that the complete structure provides a simple and expedient device for counting, sorting and otherwise handling baby chicks for transportation and shipping purposes.

In view of the foregoing description taken in conjunction with the accompanying drawings, it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though I have herein shown and described a preferred embodiment of my invention that the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and within the scope of the appended claim.

I claim:

In a ventilated baby chick counting, sorting and shipping box of the usual cardboard class shown and described, a substantially rectangular

open-top box provided in its interior with a cruciform arrangement of right angularly disposed crossing partitions defining four duplicated sorting and transporting compartments, a closing lid fitted removably on said box, the central portion of said lid, directly above the crossed portions of said partitions, being provided with four struck out hingedly retained tongues, said tongues constituting closing flaps and defining hand-holes for insertion and removal of the chicks, one tongue for the centermost corner area of each compartment, the hinged end-portions of the respective tongues being in close proximity and parallelling adjacent portions of said partitions and said tongues being centrally apertured to provide finger-holes, all of said tongues being swingable, when opened, in directions upwardly and toward the center area of said lid.

CAMILLE J. NOTAR.

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