W. C. HUBER.

CHICK BOX.

APPLICATION FILED JUNE 7, 1920.

1,397,583.

Patented Nov. 22, 1921.

FIG -1-

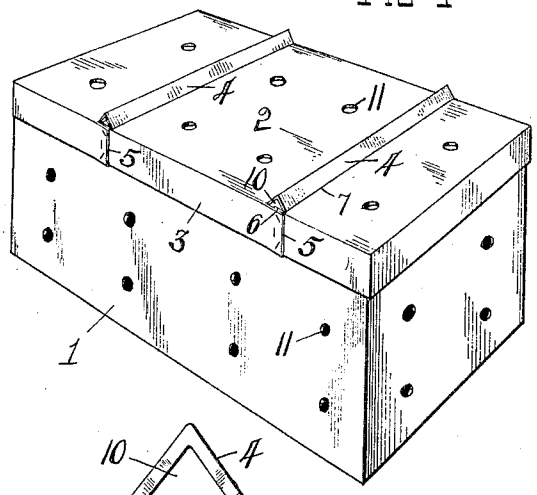


FIG -2-

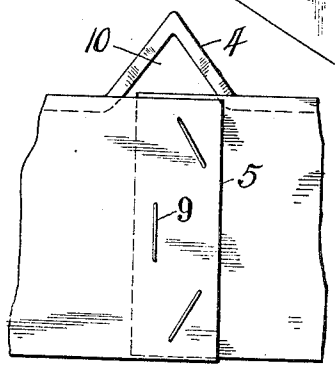
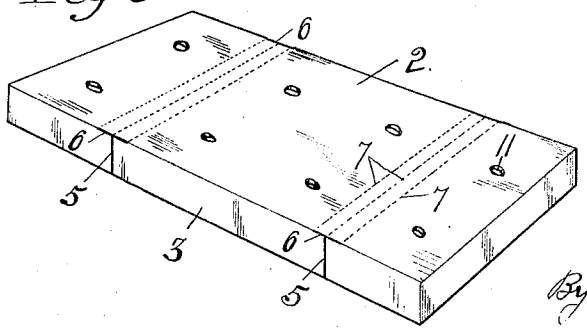


Fig. 3.



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CHICK-BOX.

1,397,583. Specification of Letters Patent. Patented Nov. 22, 1921.

Application filed June 7, 1920. Serial No. 386,941.

To all whom it may concern:

Be it known that I, WILLIAM C. HUBER, a citizen of the United States, and a resident of Fostoria, in the county of Seneca and State of Ohio, have made an invention appertaining to Chick-Boxes, and 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, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to shipping boxes, and particularly to those adapted for shipping chicks, and having ventilation openings therein.

These boxes are customarily made of straw board, corrugated board, or the like, provided with ventilation openings in the side walls and top thereof and having cross cleats nailed or otherwise fastened to the top to provide ventilation between the boxes when piled one on top of another. The use of cleats of this character is objectionable owing to the expense and time required to attach them to the boxes, the scarcity of wood, and the liability of the cleats to be knocked off during handling.

The object of my invention is to provide a simple, efficient and inexpensive box of the character described, which will obviate the objections above noted and render the box more practical and durable, whereby to enhance the commercial value thereof.

The invention is fully described in the following specification, and while, in its broader aspect, it is capable of embodiment in numerous forms, a preferred embodiment thereof is illustrated in the accompanying drawings, in which,—

Figure 1 is a perspective view of a chick box embodying the invention. Fig. 2 is an enlarged fragmentary side elevation of the cover thereof, and Fig. 3 is a top perspective view of the cover slit and scored preparatory to forming the ridges thereon.

Referring to the drawings, 1 designates a box adapted for the shipping of chicks, and in the present instance having a removable cover 2 which is provided with a depending edge flange 3 for telescoping with the top edge portion of the box body. The top portion of the cover is provided with two or more integral cross ridges 4 formed by doubling up or partially doubling up elongated portions of the cover material, as shown. This may be accomplished in a simple and efficient manner by vertically slitting the side flanges 3 at intervals entirely therethrough, as at 5, slitting the meeting edges of the top and flanges at 6 in intersecting and crossing relation to the upper ends of the slits 5, and scoring the top to provide three parallel weakened fold lines 7 in association with each set of slits 5 and 6, with the center line registering at its ends with the respective slits 5, and with the outer lines registering at their ends with the opposite ends of the slits 6 at each side edge of the cover, as shown in Fig. 3. The cover is shortened to edge lap the flange 3 at each slit 5 and to force the material between the outer scored lines 7 of each set upwardly, thereby forming one or more V-shaped cross ridges 4 on the cover with the center scored line of each set located at the apex of the ridge, as is apparent by reference to Figs. 1 and 2. The cover is then retained in this form by securing the lapped edges of the flange together by staples 9, or in any other suitable manner. The ridges 4 when thus formed not only provide a spacing means for boxes when piled one on top of another, but also provide ventilation openings 10 at the ends of each ridge. It will be understood that the box body is of suitable size for the cover in its reduced or shortened form to fit the same. 11 designates the customary ventilation openings provided in the cover and box.

It is found in practice that the ridges 4 when formed integral with the cover material in the manner described, or in any other suitable manner, are strong and durable and adapted to withstand considerable pressure, are not liable to be knocked off in use and are simple and inexpensive to form.

I wish it understood that my invention is not limited to any specific construction, arrangement, or form of the parts, as it is capable of numerous modifications and changes, without departing from the spirit of the claim.

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

A box of the class described having a cover provided with depending side flanges and a perforated top, the opposite side

flanges being slit entirely throughout their width, the meeting edges of the top and side flanges being slit in crossing and intersecting relation to each flange slit, and the top material between the edge slits being outwardly doubled to form a pair of external ridges, and the side flanges at the edges of the flange slits being fixed together in lapped relation, the ridges being disposed above the top and above the flanges thereof so as to provide a pair of supports to hold a superposed box spaced above the cover perforations and having their ends completely open to afford air inlets.

In testimony whereof, I have hereby signed my name to this specification.

WILLIAM C. HUBER.