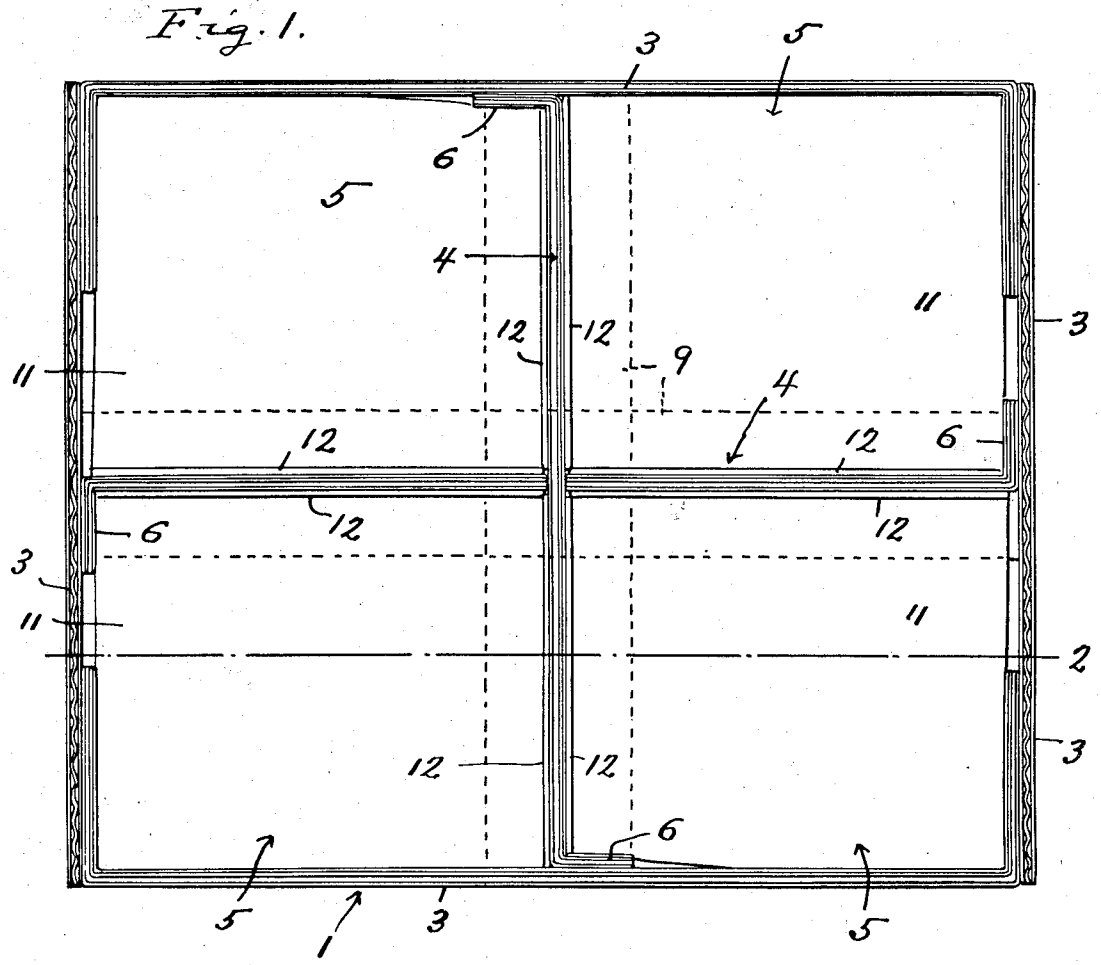
Feb. 13, 1940. H. S. BURNHAM 2,190,399

CHICK BOX

Filed Jan. 30, 1939 2 Sheets-Sheet 1

Fig. 1.



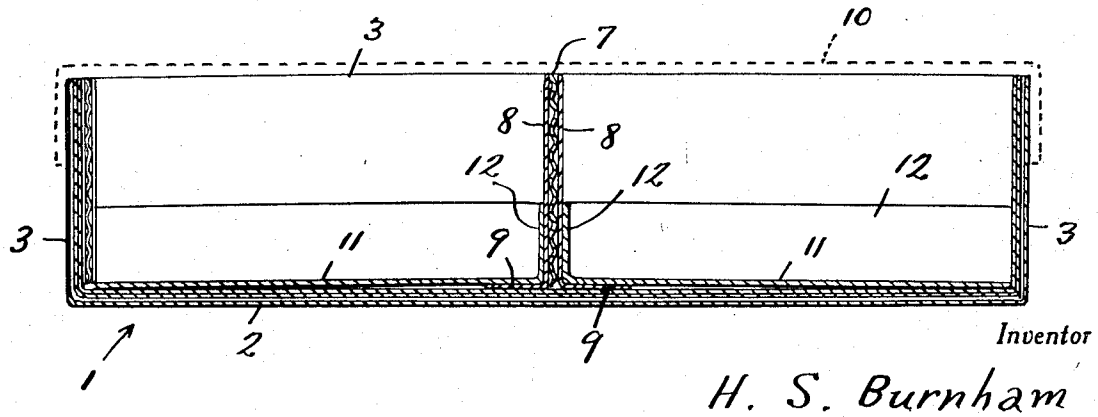


Fig. 2.

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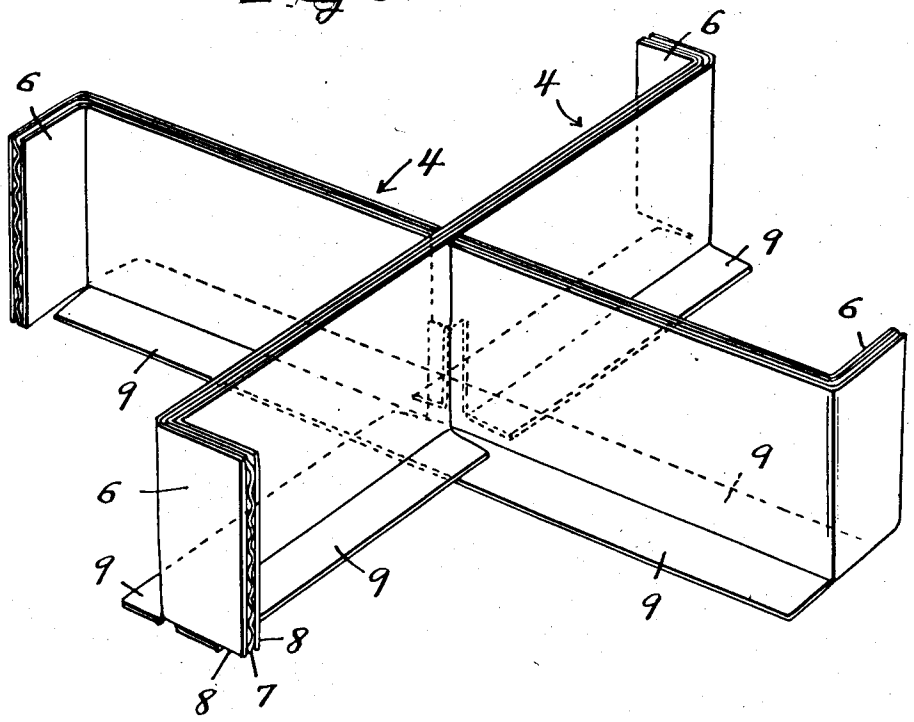
Attorneys

Feb. 13, 1940. H. S. BURNHAM 2,190,399

CHICK BOX

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Fig. 3.



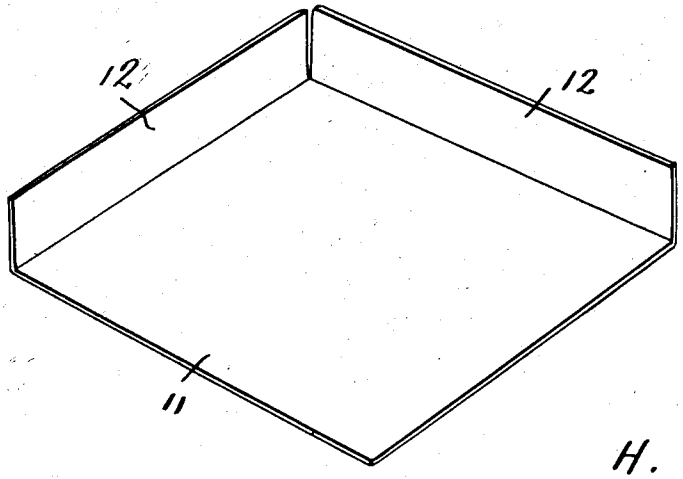


Fig. 4.

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UNITED STATES PATENT OFFICE

2,190,399

CHICK BOX

Henry S. Burnham, Clinton, Mo.

Application January 30, 1939, Serial No. 253,658

1 Claim. (Cl. 229—15)

The present invention relates to new and useful improvements in baby chick boxes of the type comprising partitions providing a plurality of chambers or compartments.

In chick boxes of the constructon in widespread use at present, when the box is lifted the bottom or floor thereof sags away from the partitions permitting the feet and legs of the chicks to get therebetween in a manner to be injured when the box is set down again.

The primary object of the present invention is to provide, in a manner as hereinafter set forth, a chick box comprising novel means for preventing injury in this manner.

Another very important object of the invention is to provide, in a chick box comprising laminated paper partitions, novel means for forming protecting flaps on the lower edges of said partitions for preventing the feet and legs of the chicks from getting therebeneath.

Still another important object of the invention is to provide a pad or bottom lining of a novel construction for use in each chamber or compartment of the box.

Other objects of the invention are to provide a chick box of the character described which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, light in weight and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a top plan view of a chick box constructed in accordance with the present invention.

Figure 2 is a vertical sectional view, taken substantially on the line 2—2 of Fig. 1.

Figure 3 is a perspective view of the partitions.

Figure 4 is a perspective view of one of the pads.

Referring now to the drawings in detail, it will be seen that the reference numeral 1 designates generally the body of the box, which may be of any suitable dimensions. The box 1, as usual, is made of laminated paper or other suitable material. The reference numberal 2 designates the bottom of the box 1 and 3 designates the upstanding walls thereof.

Mounted in the box 1 are crossed partitions which are designated generally by the reference numeral 4, said partitions dividing the box into four compartments 5. The partitions 4 terminate in right angularly extending end portions 6 which may be secured to the walls 3 of the box in any suitable manner.

As illustrated to advantage in Fig. 3 of the drawings, the partitions 4 are of laminated construction and comprise corrugated center sheets 7 and smooth or flat outer sheets 8. The outer sheets 8 of the partitions 4 extend below the center sheets 7 thereof and are turned outwardly in opposite directions in a manner to provide flaps 9 which extend over the adjacent portions of the bottom 2 of the box 1. The flaps 9 are adhesively secured to the bottom 2 of the box or, if desired, they may be left free thereof.

It will thus be seen that a novel means has been provided whereby the feet and legs of the chicks in the compartments 5 will positively be prevented from getting between the partitions 4 and the bottom 2 of the box 1 at all times. The partitions 4 materially strengthen or reinforce the bottom 2 in a manner to substantially eliminate sagging thereof when the box with the chicks therein is lifted. Even if the protecting flaps 9 are left free of the bottom 2 they will perform their primary function of preventing injury to the feet and legs of the chicks as a result of getting between the partitions and the bottom of the box. It will be observed that the construction is such that the partitions 4 and the protecting flaps 9 are formed from the same sheet of laminated material. In Fig. 2 of the drawings, a top for the box is shown in dotted lines and designated by the reference numeral 10.

Mounted on the bottom of each of the chambers or compartments 5 of the box 1 is a removable lining or pad 11 of heavy paper, cardboard or other suitable material. On the edges thereof which are adjacent the partitions 4, the pads 11 are provided with upstanding, integral flaps 12 which lie against said partitions. The pads 11 with the upstanding flaps 12, thereon may be used in lieu of the flaps 9 on the partitions 4.

It is believed that the many advantages of a chick box constructed in accordance with the present invention will be readily understood and although a preferred embodiment of said box is as illustrated and described, it is to be understood that changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A chick box including a bottom and walls rising from said bottom, and crossed partitions mounted in the box, said partitions terminating in right angular extending end portions engaged with the walls, each partition being laminated and comprising a corrugated intermediate sheet and plane outer sheets mounted on said intermediate sheet, said outer sheets comprising integral flaps on their lower edges extending horizontally in opposite directions on the bottom of the box, said flaps terminating at the angularly extending end portions of the partition.

HENRY S. BURNHAM.