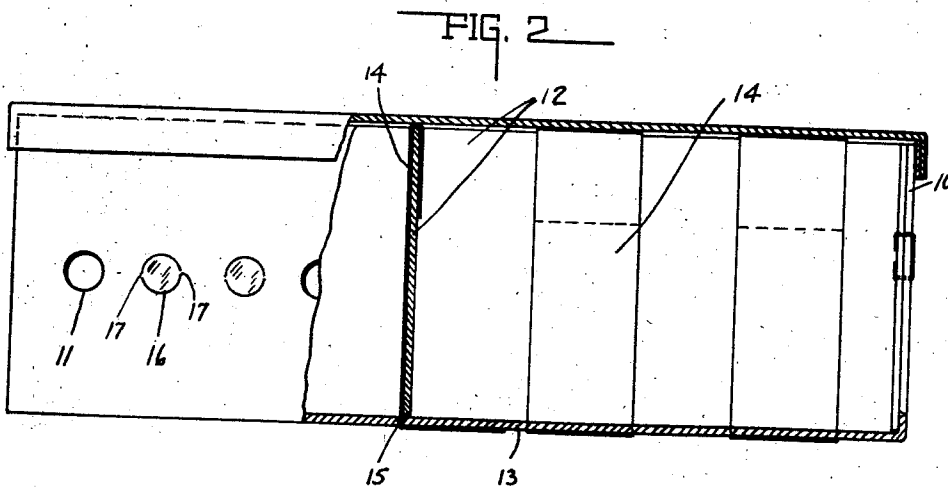
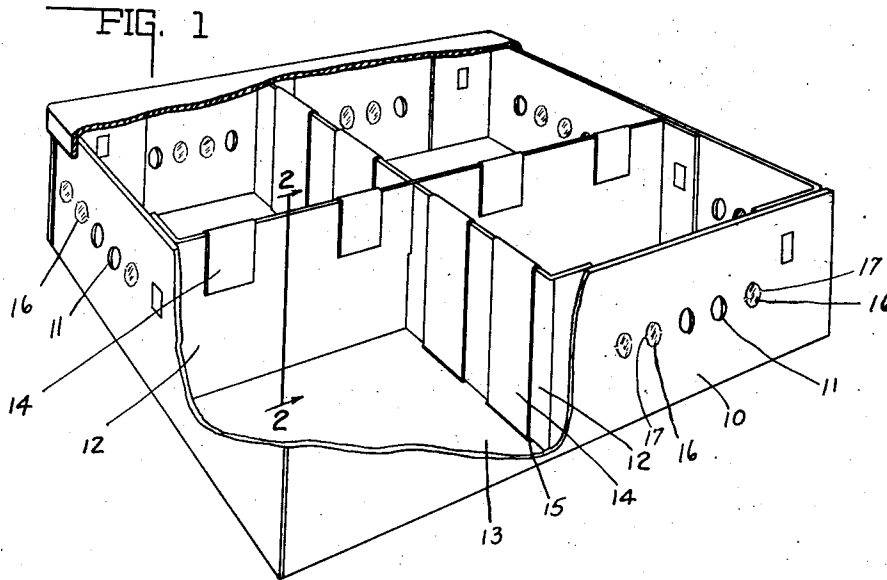


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M. CLEVELAND  
SHIPPING CONTAINER  
Filed Jan. 11, 1924



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## UNITED STATES PATENT OFFICE.

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## SHIPPING CONTAINER.

Application filed January 11, 1924. Serial No. 685,582.

This invention relates to a chick box for shipping young chicks.

Chick boxes of this character are usually constructed substantially as shown and described herein, excepting that the partitions employed are not connected or fastened in any way to the floor or bottom of the box. In the shipment of the chicks, when the box is lifted the weight causes the bottom to sag slightly, leaving a space between the surface of the bottom and the partitions sufficiently to catch the toes and legs of the chicks and cause them to be broken or mutilated and thereby injuring and laming such chicks.

It is the object of this invention to provide an anchor connecting the partitions and the bottom of the box with each other so as to prevent the sagging thereof, or their separation. As shown herein, the anchor means comprises a strip of adhesive tape or paper which is secured to the partition and extends through a suitable slot in the bottom so as to enable it to be secured to the under side thereof. Such tape rigidly and firmly secures the bottom and partitions together so as to prevent any separation thereof in a very convenient and economical manner.

The full nature of the invention will be understood from the accompanying drawings and the following description and claims:

In the drawings, Fig. 1 is a perspective view showing the box with the anchor strips positioned thereon, the box having a corner thereof broken away. Fig. 2 is a section taken on the line 2—2 of Fig. 1.

In the drawings there is shown a chick box 10 having the usual ports 11 in the side walls thereof for affording air to the chicks contained therein, the box being supplied with a lid of the usual type not shown herein. Mounted within the box, there are partitions 12 of the usual character, the partitions as shown herein extending across the center of the box in both directions so as to form four separate compartments.

For anchoring the partitions to the floor 13 of the box, there are employed a plurality of anchor strips 14. The anchor strips, as herein contemplated, are comprised of a strip of paper having adhesive on one side such as is commonly used in sealing or se-

curing packages and the like. Said strip is secured to one side of the partition to be anchored, with one end thereof extending over the top and down the other side to which it is likewise secured. A slot 15 is cut in the bottom of the box 13 adjacent one side of the partition to be anchored, and having a length substantially the same as the width of the anchor strip. The free end of the anchor strip is inserted through the slot so that it may be folded against and secured to the under side of the bottom 13. When the anchor strip is secured in place, as above described, with the bottom 13 held firmly against the lower adjacent edge of the partition 12, it will maintain these parts permanently in that relation, and, therefore, prevent any sagging or separation thereof. There may be one or more strips used for each partition, a number of the strips and the spacing thereof depending largely upon the weight supported by the bottom 13.

While the strips have been described herein as formed from the usual adhesive paper, it is obvious that they may be formed of any material whether paper, fabric or metal; and where a metal anchor strip is used, it may be held firmly in position by simply bending the same in the form shown in Fig. 2. Where a chick box is constructed with such anchor strips as shown, there could be no sagging or separation without the breaking of the strips. Therefore, the strips need only have sufficient tensile strength to withstand the weight of the contents of the box.

With respect to the ports 11, they may be originally cut so that the plug 16 will remain in position, i. e., by not cutting the material all the way through at certain intervals so as to provide one or more small connecting tabs for holding the plug in position. However, the cutting of the ports is such that the plug or closure may be readily removed by punching it out. When the box is furnished to the shipper, the plugs 16 remain in position so that the shipper can punch out only such plugs as may be necessary to secure proper ventilation, depending upon the number of chicks contained, the weather, etc. It will be readily understood that this is a very desirable feature, as otherwise there is danger of exposure on the one extreme and suffocation on the other. The

lives and condition of the chicks are preserved by arranging the box to permit such regulation of the ventilation.

The invention claimed is:

5 1. The combination with a shipping container having side walls and a bottom provided with a slot formed therein between the lateral edges thereof, of a partition wall mounted in said container having one side  
10 adjacent said slot, and an adhesive tape secured to said partition intermediate its ends extending through said slot and secured to the under side of said bottom, whereby said bottom will be firmly held against the lower  
15 edge of said partition and any separation thereof will be prevented.

2. The combination with a shipping container having side walls and a bottom provided with a slot formed therein between  
20 the lateral edges thereof, of a partition wall mounted in said container having one side adjacent said slot, and an adhesive tape secured to one side of said partition intermedi-

ate its ends, said tape having one end overlapping the top edge thereof and the other  
25 end extending through said slot and secured to the under side of the bottom, whereby said bottom will be firmly held against the lower edge of the partition for preventing  
30 any sagging thereof.

3. The combination with a chick box having a plurality of perforated outer walls, and a bottom provided with a plurality of slots intermediate its side edges, of a plurality of partitions mounted in said box and  
35 extending from wall to wall along said bottom, and a plurality of adhesive tapes secured to said partitions intermediate their ends and arranged to extend through said slots and be secured to the under side of the  
40 bottom, whereby said bottom will be held firmly against the lower edges of said partitions.

In witness whereof, I have hereunto affixed my signature.

MINOT CLEVELAND.