

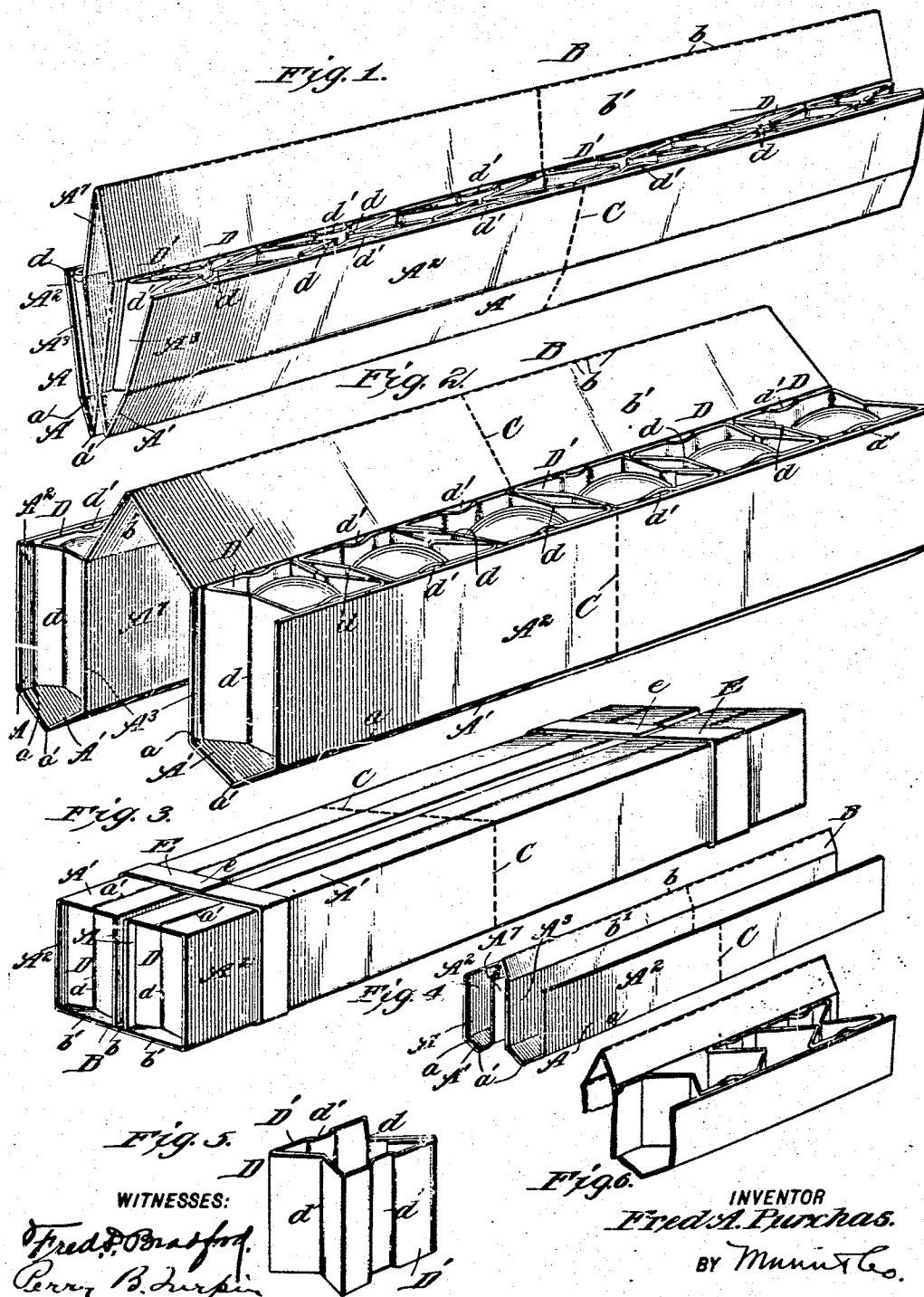
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F. A. PURCHAS.

EGG CASE.

APPLICATION FILED JULY 30, 1903.



WITNESSES:

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EGG-CASE.

No. 802,884.

Specification of Letters Patent.

Patented Oct. 24, 1905.

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To all whom it may concern:

Be it known that I, FRED A. PURCHAS, a citizen of the United States, residing at McGraw, in the county of Cortland and State of New York, have made certain new and useful Improvements in Egg-Cases, of which the following is a specification.

My invention is an improvement in egg cases or holders, being especially designed to provide an improved construction of case in which the eggs can be shipped and in which they may be delivered to the retail purchaser; and the invention consists in certain novel constructions and combinations of parts, as will be hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of the case empty and collapsed. Fig. 2 is a perspective view of the case filled with eggs before it is folded to closed position. Fig. 3 is a perspective view of the filled case closed and held by the fastening-bands. Fig. 4 is a detail perspective view of the main blank folded into position for use, the cell-strips being removed. Fig. 5 is a detail perspective view of one of the cell-strips; and Fig. 6 illustrates a different form of cell-strip from that shown in Figs. 1, 2, and 5.

In carrying out my invention I provide a main blank, as shown in Fig. 4, in the form of a cardboard sheet which is creased and folded to form the opposite cell-sections A and the intermediate or connecting section B. The cell-sections A are provided with the bottoms A', which are foldable at their middles at a' and at their edges where they join the outer and inner upright wings A² and A³ of the cell-sections. The connecting-section B forms a continuation of the inner upright wings A² and is folded at its edges, the inner upright wings A² being disconnected below the connecting-section B in connection with the upper edges of said upright wings A², forming a hinge or folding joint at such edges. Said section B is scored longitudinally at b along its middle, so it can be readily divided along said line when it is desired to separate the case or holder into two parts, as when a purchaser desires one-half dozen of eggs and the carrier or entire case is formed to contain one dozen. I also divide the carrier transversely midway between its ends at C, so the case can be subdivided transversely and a customer may be supplied with three, six, or nine eggs, if desired, and in each instance have a cover for the egg-case, whether

the latter be the entire case or a subdivision thereof, as will be better understood from what follows. The connecting-section B is of a total width double that of one of the cell-sections, so that one-half of the connecting-section will form a cover for the cell-section to which it is immediately connected, as will be understood from Figs. 1, 2, and 3.

In forming the cells in cell-sections I prefer to employ the construction shown in Figs. 1, 2, and 5, the bottom of each cell being provided by the folding bottom A' of the cell-sections, as will be understood from Figs. 1, 2, and 4, and the sides of the cells being formed by the strip D (shown in detail in Fig. 5) and having the folding ends or partitions d, which fold in bellows fashion, as shown in Figs. 1 and 2, and the sides D'. Said folding ends or partitions d terminate short of the folding bottoms A', and the scores or folds therein are alined with the scores or folds of the bottoms A' for facilitating the collapsing of the case, the lower edges of said ends or partitions d being coincident with the lower edges of the upright wings A² A³, so that said lower edges form bearings for the folding bottoms when the case is filled and closed. The upper edges in like manner are also substantially coincident with the upper edges of said upright wings and form supports for the folding connecting-section when the case is filled and closed. Said sides D' are secured to the upright wings A² and A³ of the cell-sections and are formed with the inwardly-projecting corrugations d', which form cushions for the eggs at the inner and outer sides of the cell-cases, the folding bellows ends d forming cushions, as shown in Fig. 2, for the sides at a right angle to the cushions D', so the danger of the breakage of the eggs will be greatly lessened.

When the egg-holder is in use, as shown in Fig. 2, the bellows ends of the adjacent cell-cases fold about as shown in Fig. 2, with the adjacent ends apart, and cushion the same, as before suggested, while when the case is empty the cell-strips will fold readily in bellows form to the position shown in Fig. 1 and the case can be collapsed into the flat form shown in Fig. 1, which will be convenient for shipment. After the several cells have been filled with eggs, as shown in Fig. 2, the case may be folded to the position shown in Fig. 3, in which the open ends of the cell-sections will be closed by the wings b' of the connecting-section B, and the bands E, which may be

paper strips glued at their ends *e*, can be slipped over the ends of the holder to secure the same, as desired.

The construction is simple, inexpensive, can be easily and cheaply made, can be readily packed in shipment, will protect the eggs while being shipped or otherwise handled, and can be readily subdivided, so that the desired quantity of eggs can be delivered to the retail purchaser suitably incased.

While the form of cell shown in Fig. 5 may be preferred, it will be understood that where desired I may employ the single form of cell-strip shown in Fig. 6, wherein a single folding section instead of the double form of folding section shown in Fig. 2 is provided between the adjacent eggs.

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

1. The improved collapsible egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, the folding bottom and the connecting-section foldably united to the inner upright wings of the cell-sections and forming continuations of the inner upright wings, the portions of the inner upright wings below said section being disconnected, said connecting-section being scored longitudinally along its middle; and the cell-partitions secured to opposing surfaces of the inner and outer upright wings, said partitions being also scored longitudinally, substantially as and for the purpose specified.

2. The improved collapsible egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, the folding bottom scored longitudinally, and the connecting-section foldably united to the inner upright wings of the cell-sections and scored longitudinally along its middle, said connecting-section being of substantially the same width as the combined widths of the folding bottoms, and also serving as the covers of the cell-sections when the case is closed; and the cell-partitions secured to the opposing faces of the inner and outer upright wings and scored longitudinally, the width of said partitions being substantially the same as that of the folding bottoms whereby said partitions brace said upright wings and prevent collapsing when the eggs are in the cells, substantially as and for the purpose described.

3. The improved collapsible egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, the folding bottom scored longitudinally, the connecting-section foldably united to the inner upright wings of the cell-sections and scored longitudinally along its middle, said connecting-section being of substantially the same width as the combined widths of the folding bottoms, and

also serving as the covers of the cell-sections when the case is closed; and the cell-partitions secured to the opposing faces of the inner and outer upright wings and scored longitudinally, the lower edges of the partitions being coincident with the lower edges of the upright wings, whereby the lower edges of said partitions form a bearing for the folded bottom when the eggs are in the cells and the case is closed, substantially as and for the purpose set forth.

4. The improved collapsible egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, the folding bottom scored longitudinally, and the connecting-section foldably united to the inner upright wings of the cell-sections and scored longitudinally along its middle, said connecting-section being of substantially the same width as the combined widths of the folding bottoms, and also serving as the covers of the cell-sections when the case is closed; and the cell-partitions secured to the opposing faces of the inner and outer upright wings and scored longitudinally, the upper edges of the partitions being substantially coincident with the upper edges of the upright wings and forming a support for the corresponding part of the folding connecting-section when the eggs are in the cells and the case is closed, substantially as and for the purpose specified.

5. The improved collapsible egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, the folding bottom scored longitudinally, and the connecting-section foldably united to the inner upright wings of the cell-sections and scored longitudinally along its middle, said connecting-section being of substantially the same width as the combined widths of the folding bottoms, and also serving as the covers of the cell-sections when the case is closed; and the cell-partitions secured to the opposing faces of the inner and outer upright wings and scored longitudinally, the width of said partitions being substantially the same as that of the folding bottoms whereby said partitions brace said upright wings and prevent collapsing when the eggs are in the cells, and the upper and lower edges of the partitions being substantially coincident with the upper and lower edges of the upright wings and forming bearings respectively for the folding bottom and the corresponding portions of the connecting-section when the eggs are in the cells and the case is closed, substantially as and for the purpose described.

6. The improved collapsible egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, the folding bottom scored longitudinally, and the connecting-section foldably united to the inner upright

wings of the cell-sections and scored longitudinally along its middle; and the cell-partitions secured to opposing surfaces of the inner and outer upright wings, said partitions
5 terminating short of the bottom and being scored longitudinally, the scores therein being in alinement with the lengthwise scores in the folding bottoms for facilitating collapsing of the case, substantially as and for the
10 purpose described.

7. The improved egg case or carrier, comprising the cardboard sheet folded to form the opposite cell-sections having the inner and outer upright wings, and the folding bottom,
15 and the connecting-section having folding connection with the inner upright wings of the cell-section, and scored longitudinally along its middle, said connecting-section being also scored transversely midway between its ends,
20 and the cell-strips having the bellows ends and the opposite sides, the latter being secured within and to upright wings of the cell-

sections and provided with the upright inwardly-projecting corrugated portions, substantially as and for the purposes set forth. 25

8. An egg-case consisting of a sheet folded to form a pair of opposite cell-sections with inner and outer upright wings and a folding bottom and scored transversely midway between their ends, the connecting-section between and foldably connected with the open
30 ends of the cell-sections and scored longitudinally along its middle and also scored transversely in line with the scores in the cell-sections, and the cell-strips in the cell-sections 35 and having the side portions provided with upright corrugations and secured to the inner sides of the inner and outer wings of the cell-sections substantially as set forth.

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Witnesses:

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