Dec. 30, 1958 L. W. ALEXANDER 2,866,585

KRAFT BOARD FOLDING EGG CASE

Filed Jan. 31, 1957

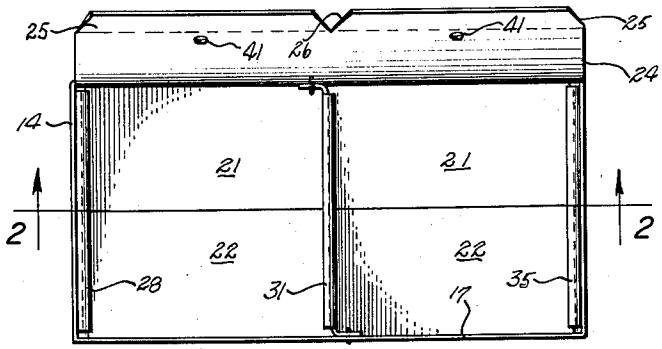


Fig. 1

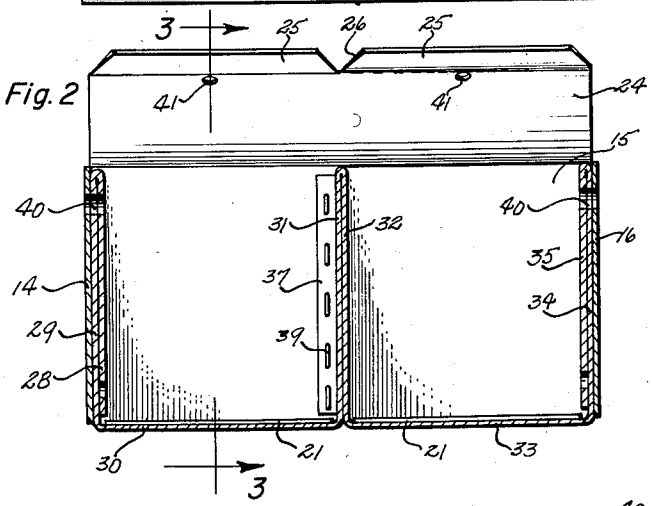


Fig. 2

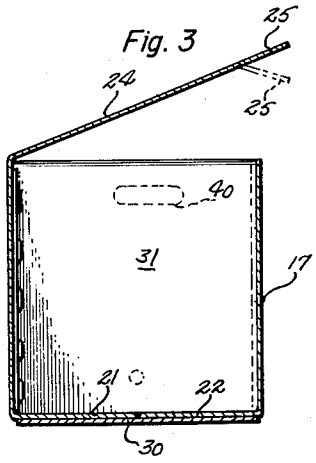


Fig. 3

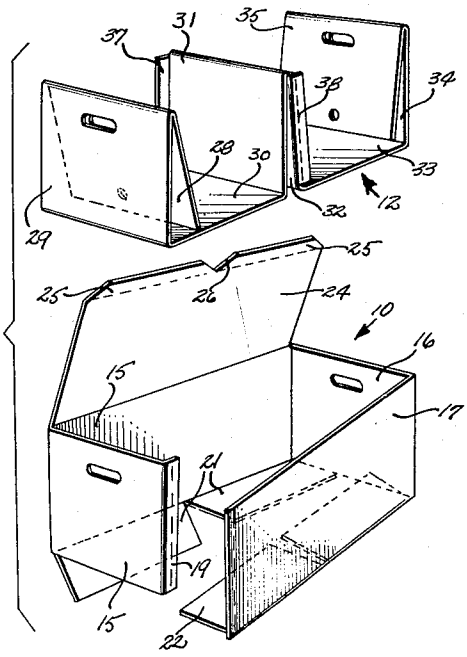


Fig. 4

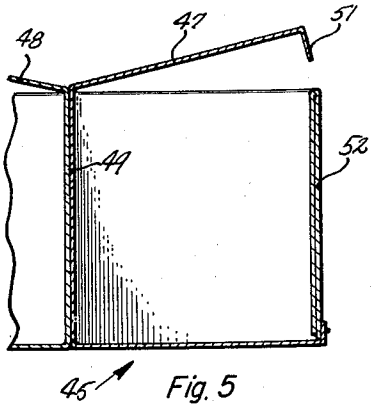


Fig. 5

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KRAFT BOARD FOLDING EGG CASE

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1 Claim. (Cl. 229—15)

This invention relates to packing cases and, more particularly, to folding egg cases.

It is an object of the present invention to provide a folding egg case that may be readily assembled for the packing and storage of large quantities of eggs.

It is another object of the present invention to provide an egg case that is constructed of a pair of separable blanks, of cardboard material, which may be readily assembled to provide a completely closed housing and center divider for the safe storage of eggs.

Other objects of the invention are to provide an egg case bearing the above objects in mind which is of simple construction, has a minimum number of parts, is inexpensive to manufacture and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which:

Figure 1 is a top plan view of an egg case made in accordance with a preferred embodiment of the present invention;

Figure 2 is a longitudinal sectional view taken along line 2—2 of Figure 1;

Figure 3 is a transverse sectional view taken along line 3—3 of Figure 2;

Figure 4 is an exploded perspective view showing the elements of the present invention; and

Figure 5 is a fragmentary longitudinal sectional view, similar to Figure 2, showing a modified form of the present invention.

Referring now more in detail to the drawing, and more particularly to Figures 1 to 4, an egg case made in accordance with a preferred embodiment of the present invention is shown to include a housing blank **10** and a partition divider blank **12**. As is more clearly shown in Figure 4, the housing blank **10** includes an end portion **14**, back side **15**, opposite end **16**, and front side portion **17**. A tab **19** adjacent the outer end of the one end **14** is adapted to be secured, such as by staple, to the opposite end of the blank which forms one end of the front side **17** so as to maintain the blank in a foldable rectangular configuration. One side of the back wall **15** is provided with a pair of similar, longitudinally spaced flaps **21**, as is the bottom end of the front side **17** provided with a pair of similar spaced flaps **22**. The upper end of the back side **15** includes a cover **24** that is hinged about a longitudinal crease line at one end and provided with a pair of foldable tabs **25** that are spaced from each other by a V-shaped coutout **26**.

The partition divider blank **12** includes a plurality of folded sections which are shown in Figure 4, to include an inside end **28**, an outside end **29**, a first bottom portion **30**, a pair of center wall portions **31, 32**, another bottom portion **33**, an outside end wall **34**, and an inside end wall **35**. All of the aforementioned portions are formed from a continuous length of rectangular cardboard stock material, folded along various predetermined lines to assume the shape shown in Figure 4.

In assembling the divider blank **12** and the housing blank **10**, the formed divider blank **12** is preferably inserted from the bottom side of the rectangular housing so that the bottom portions **30, 33**, are disposed outside

of the flaps **21, 22**, the center wall sections **31, 32**, are received in the space between each of the flaps **21, 22**, while the respective ends and center walls of the divider blank are disposed within the housing **10**. Tabs **37, 38**, provide means for securing the divider blank and housing blank together, such as by staples **39**. In order to facilitate the storage, shipping, and use of the containers, they are preferably provided in knock-down form, such that the housing blank **10** is flat as is the partition divider blank **12**. Inasmuch as the crease lines are preformed, it is only necessary to erect the housing blank and insert the divider blank. In proper assembled relationship, the case has a bottom wall of double thickness, end walls of triple thickness and a center divider wall of double thickness. However, the housing blank could be made with double thickness side walls by making the sides of the housing large enough so that they can be folded inwardly to produce a double thickness at both the front and back. The folded in portions would then be provided with a slit so as to receive the center wall of the divider blank. In either event, the adjacent ends of the housing and divider blank are provided with aligned openings to provide hand holes **40** to facilitate the handling of the crate. Similarly, finger openings **41** in the cover of the crate facilitate the opening and closing thereof.

In Figure 5, a modified form of egg case **45** is shown wherein each half thereof is closed by a separate cover **47, 48**, that is hinged to the center wall **49**. Each cover member is provided with a closure flap **51** that is adapted to engage with the inside portion of the double thickness end wall **52**. It will be recognized that this egg crate may be made in the form of a half case which will be of substantially identical design to that hereinbefore explained, except that it will be half as large and devoid of a center partition wall.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claim.

What I claim as new and desire to protect by Letters Patent of the United States is:

In a shipping case for eggs, an exterior walled cubicle housing having a pair of side walls and a pair of end walls, an interior space divider disposed within said housing having a pair of longitudinally spaced apart bottom portions disposed outwardly of said housing, said housing having a pair of longitudinally spaced apart bottom flaps defining a transversely extending space therebetween overlying said bottom portions of said divider, said divider having a central partition dividing said housing into two main compartments and extending into said space between said longitudinally spaced apart bottom flaps, said space divider further comprising a pair of upright end assemblies adjacent to each one of said end walls, a cover member hingedly connected to one of said side walls, and each of said end walls and said divider end assemblies defining end receiving openings extending therethrough.

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