

June 24, 1958

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2,840,293

SLOTTED PARTITIONS FOR SHIPPING CASES

Filed June 17, 1954

2 Sheets-Sheet 1

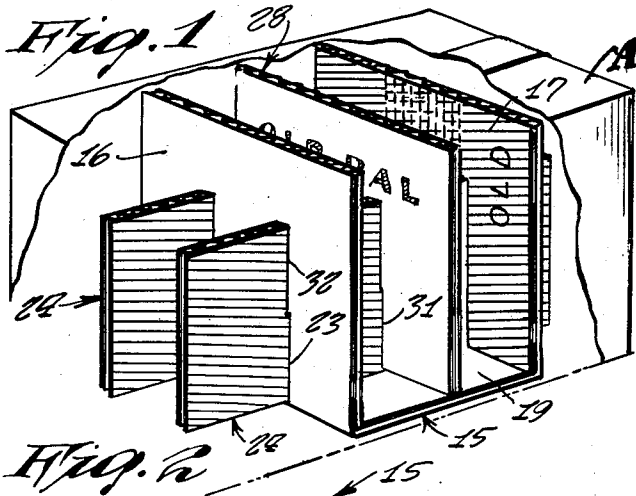


Fig. 3

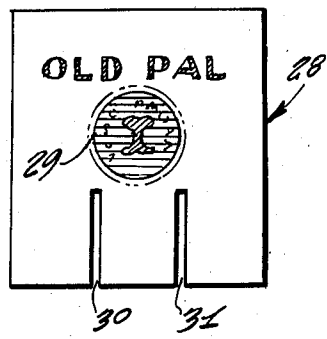


Fig. 2

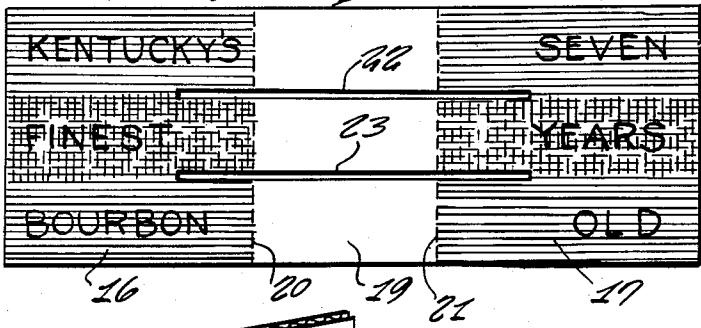


Fig. 5

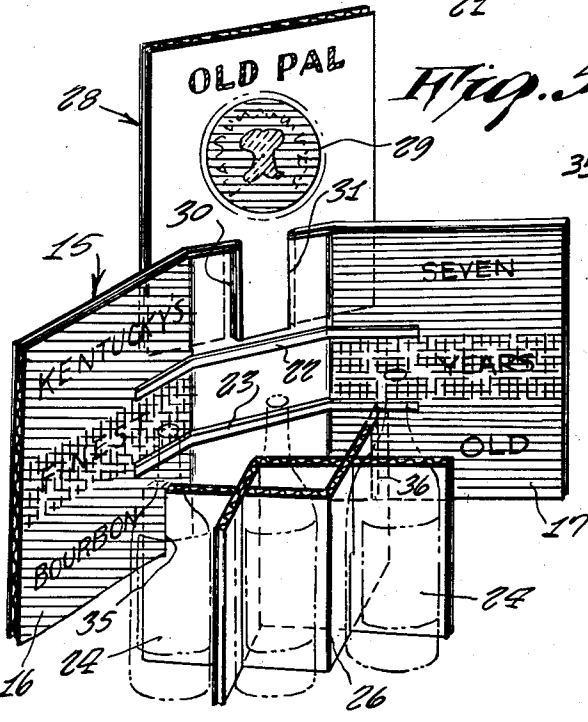
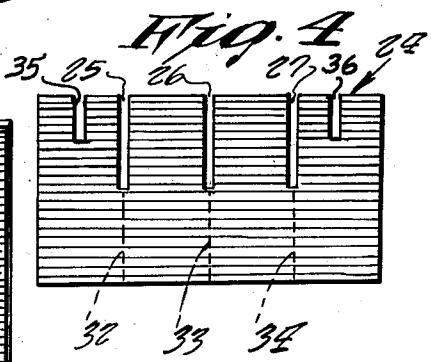


Fig. 4



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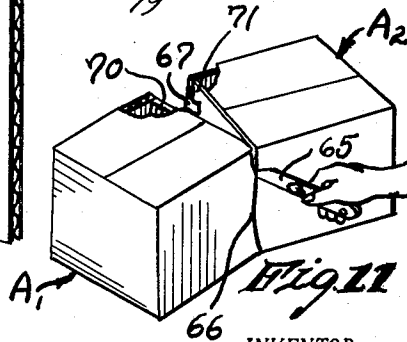
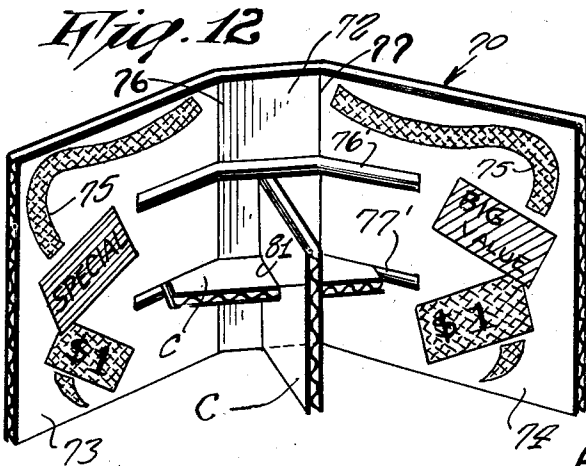
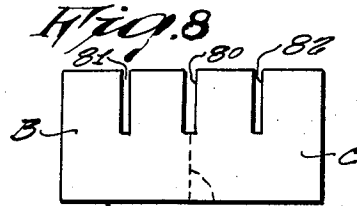
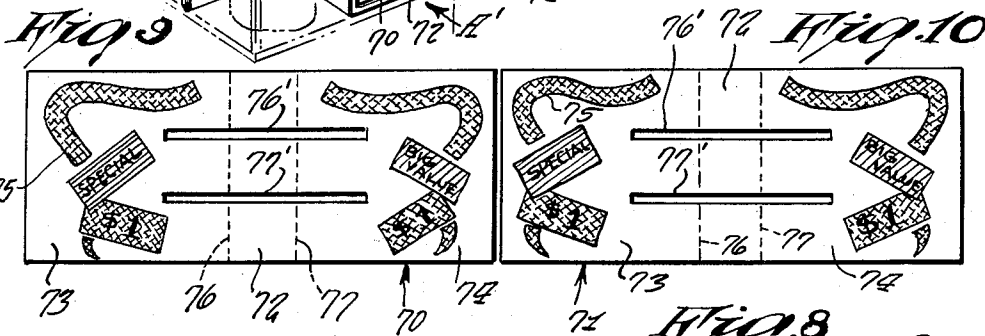
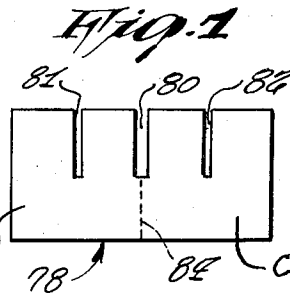
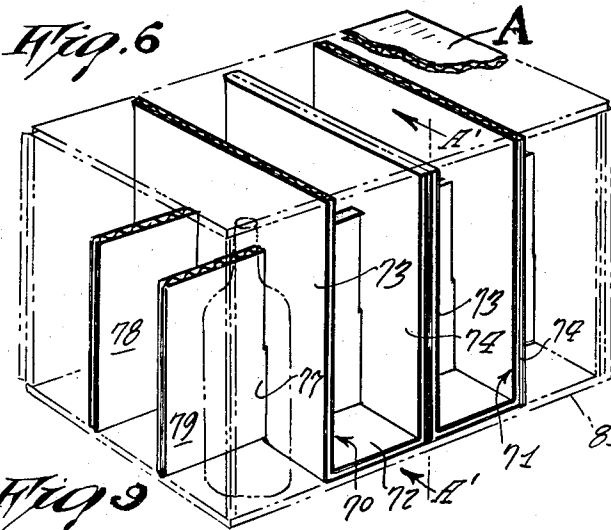
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**SLOTTED PARTITIONS FOR SHIPPING CASES**

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Application June 17, 1954, Serial No. 437,398

1 Claim. (Cl. 229—15)

This invention relates to slotted partitions for a corrugated cardboard shipping case, which can be used by dealers of the goods contained in the case as an advertising display.

It is an object of the present invention to provide slotted partitions, such as are used in cases in which liquor bottles are shipped, which are so constructed as to permit those partitions to be arranged in the form of a display stand for the bottles that were shipped in the case, the partitions having been as usual, the protective separation for the corrugated case and served all the functions the ordinary partitions serve.

It is another object of the invention to provide slotted partitions for bottle shipping cases which are so formed and disposed in the bottle case as to permit the bottle case to be split and at the same time leave each half case with sufficient partitions that can be arranged in the form of a display stand whereby the small dealer who may order in half-case lots will still have partitions which are suitable to provide him with an advertising display stand for the small lot of bottles.

It is a further object of the invention to provide partitions for bottle shipping cases wherein the partitions are so formed as to provide at least a partial bottom pad in the bottom of the case to support some of the bottles and thereby eliminate the need for the usual bottom pad and which will thereby provide a double thick area in the bottom of the case which this case has lacked when standard slotted partitions have been used, and wherein such partitions will include partition members which are U-shaped in order to provide a partial bottom pad and wherein the legs of these U-shaped partitions extend sufficiently high so as to be engaged by the closed top flaps of the case to give adequate support to the top of the case and prevent it from being easily crushed.

Other objects of the invention are to provide slotted partitions for liquor bottle shipping cases suitable to serve and be fashioned into a display stand for displaying the bottles with appropriate advertising matter, which are of simple construction, that provide a large unbroken area, inexpensive to manufacture, easily assembled into displays, make displays of pleasing appearance and does not require additional cost of shipping, packaging, labeling or handling, arrives with the merchandise correctly timed for its use, give a display to the smaller dealer who is not usually supplied with the standard displays that are given to the large dealer, and give every dealer, large or small, an effective means to advertise the product.

For other objects and 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 perspective view of the slotted partitions constructed according to one form of the invention and assembled in the manner in which they are disposed in the liquor bottle shipping case;

Fig. 2 is a plan view of the triple-panel or U-shaped

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partition removed from the other partitions and flattened to display the advertising matter;

Fig. 3 is a plan view of the short intermediate transverse partition used in the assembly shown in Fig. 1;

Fig. 4 is a plan view of one of the long longitudinal partitions used in the assembly shown in Fig. 1;

Fig. 5 is a perspective view of all of the partitions shown in Figs. 1, 2, 3 and 4 assembled into a display stand to display the advertising matter and to contain the liquor bottles;

Fig. 6 is a perspective view of partitions constructed and assembled according to a still further form of the invention and that permits the bottle case to be split or slit so that each half-case becomes a complete unit in itself with display partitions therein;

Figs. 7 and 8 are respectively plan views of the two longitudinally-extending partitions shown in Fig. 6;

Figs. 9 and 10 are respectively plan views of the respective triple-panel or single U-shaped partitions used in the partition arrangements shown in Fig. 6;

Fig. 11 is a perspective view of the shipping case having the partitions of Fig. 6 and being cut into half-cases with a knife;

Fig. 12 is a perspective view of the partitions of each half-case including the triple-panel partition and two halves of the longitudinally-extending partitions assembled into a display.

Referring now particularly to Figs. 1 to 5, 15 represents a three panel or U-shaped partition member formed of outer wing panels 16 and 17 that are interconnected by an intermediate or bottom panel 19. The outer panels 16 and 17 are preferably colored and have advertising matter appropriate for the goods contained in the bottles, Fig. 2. The outer panel 16 is joined to the intermediate bottom panel by a scoring or fold line 20 and the outer panel 17 is joined to the intermediate panel 19 by a scoring or fold line 21.

Extending through the intermediate panel 19 and into the opposite outer panels 17 and 16 are parallel slots 22 and 23 adapted to accommodate longitudinally-extending colored rectangular partitions 24, Fig. 4, which are slotted as indicated at 25 and 27 to interlock with the outer panels 16 and 17 of the U-shaped partition 15 and which has an intermediate slot 26 to interlock with slots 30 and 31 of a transverse partition member 28 (Fig. 3), bearing advertising matter 29, to provide a set of slotted partitions for a liquor bottle case A. The intermediate panel 19 of the three panel partition 15 provides a partial bottom for the bottle case and a double thick area for support of the bottles intermediate the length of the bottle case to thereby obviate the necessity of the usual full size bottom pad. The outer panels 16 and 17 are of sufficient height to extend upwardly to the top of the case and provide vertical support for the top flaps intermediate the length of the case.

After the bottle case with the bottles therein has been delivered to the dealer and the dealer desires to remove the bottles and provide an advertising display stand for the bottles, the partitions are removed from the case and assembled, as shown in Fig. 5. The three-panel partition 15 is opened up to display the advertising matter on the inner faces of the outer panels. The longitudinally-extending rectangular partitions 24 have scored lines 32, 33 and 34 respectively co-extensive with the respective slots 25, 26 and 27 so as to permit these members to be easily folded along one or more of these lines intermediate their length. These two longitudinally-extending partitions 24 are bent and interlocked with one another, as shown in Fig. 5, to provide the bottom support of the display stand. These partitions 24 are both folded along slot 26 and score line 33 so as to provide adequate width for the stand.

One of these longitudinally-extending partitions 24 has spaced slots 35 and 36 in its slotted edge, as shown in Fig. 4, disposed respectively adjacent the opposite ends thereof. These slots 35 and 36 receive the lower edge of the three panel members so that the outer panels are held separated from the intermediate panel and extend outwardly to provide the large display area for the stand.

Upon the upper edge of the partition 15, the transverse partition 28 is placed. By use of the slots 30 and 31, the lower edge of the transverse member 28 is slid downwardly over the upper edge of the three panel partition 15.

Referring now particularly to Figs. 6 to 11, there is shown the form of the invention wherein the two U-shaped partitions are used to make possible the separation of the bottle case into two parts A1 and A2, by simply cutting with a knife 65 or sawing along a line A'-A', Fig. 6, at the middle of the case, in the manner illustrated in Fig. 11. Pieces 67 of tape secure the partitions to the cut edge of the half-case to provide a useful case end. As will be seen, each half-case will contain one three panel display partition which serves as an effective advertisement going along with the half-case. The splitting of cases is an industry-wide practice to satisfy the small dealer. The three-panel partition furnishes all half-cases with case ends and a display at only a small additional cost of printing and of the narrow intermediate panels of the partitions.

In providing the partitions according to this form of the invention, two three-panel partitions 70 and 71 are used. Each of these three-panel partitions respectively has an intermediate partition 72 separated by scoring and fold lines 76 and 77 from outer wing panels 73 and 74 respectively having advertising matter 75 thereon. Extending through the intermediate panel 72 and into the outer wing panels 73 and 74 are parallel slots 76' and 77'.

These three-panel partitions 70 and 71 are folded in the manner as shown in Fig. 6 and are assembled next to one another with opposite outer panels 74 and 73 of the respective corresponding partitions lying adjacent one another and interlocked by longitudinally-extending partitions 78 and 79, Figs. 7 and 8. Each of the longitudinally-extending partitions has an intermediate double width slot 80 to accommodate the double thickness of the two panels 74 and 73 of the three-panel partitions 70 and 71, and single width slots 80 and 82, laterally spaced for receiving the laterally spaced panels 73 and 74 of the respective three-panel partitions 70 and 71. With the partitions so assembled and with case A cut along a line A'-A', intermediate the length thereof by means of the knife 65 or a saw, the case is divided in two with half of the bottles in one part and other half of the bottles in the other part. The outer panel of the three-panel partition adjacent the cut then serves as the outer side of the half-case by simply securing them to the cut sides of the case by means of adhesive tape strips 67.

The intermediate panels 72 of the partitions 70 and 71 serve to reinforce the bottom of the case and provide a double thick area thereon for the support of the bottles, and at the same time the wing panels extend sufficiently upwardly to support the top flaps of the case. Thus, the partitions formed in this manner provide rigid and adequate support for the top and bottom flaps of the case and eliminate the need for top and bottom pads which are ordinarily used with the standard partition arrangements, and this is done with a little added cardboard to the partition members themselves.

With the case divided in half to provide two half-cases, each half-case will be provided with display partition pieces. The longitudinally-extending partitions 78 and

79 will have been severed as indicated by dotted line 84 that runs co-extensively with the double width slot 80.

The single width U-shaped partition 70 or 71 is stood on its edge, as shown in Fig. 12, and half-case parts B or C of the partitions 78 and 79 are joined therewith. The half-part C is extended through the slot 77' in a horizontal manner so that the parts lie forwardly of the intermediate portion 72 of the partition, and the other half-part C serves as a shelf to support certain of the bottles in an elevated position above other bottles. Such a display can be made from each half-case.

It should now be apparent that there has been provided partitions for liquor bottle cases which are so formed as to provide adequate and effective advertising displays for the bottles contained therein. By using two single width U-shaped partitions, the case can be severed to provide half-cases and still provide an advertising display for each half-case, and by a double width three-panel U-shaped partition with the full case a larger display of the partitions is had.

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 is claimed is:

A bottle case having interlocked display partitions, two of said partitions each being U-shaped with an intermediate and connecting outer wing panels, the adjacent wing panels of said two partitions being in face contact with one another the intermediate panel of each partition providing one bottle space and said contacting wing panels lying in a medial transverse plane of the bottle case, each of said three panel partitions having parallel slots extending through the intermediate panel and into the outer wing panels, longitudinally-extending partitions extending through said slots and interlocking with the three panel partitions to provide the partitions of a bottle case, said longitudinally-extending partitions being slotted intermediate their length thereof to accommodate and retain the panels of the three panel partitions which lie adjacent one another, said bottle case being separable intermediate the length thereof and in the plane of said face contacting wing panels by a knife or saw cut whereby to provide half-cases, the wing panel of each three panel partition serving to close the end of the half-case, and the outer wing panels of each three panel partition displaying advertising matter and the severed longitudinal partitions adapted to be interlocked with one another and with one of the slots of the three panel partition to support the same in a display manner and provide an elevated support for the bottles.

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