

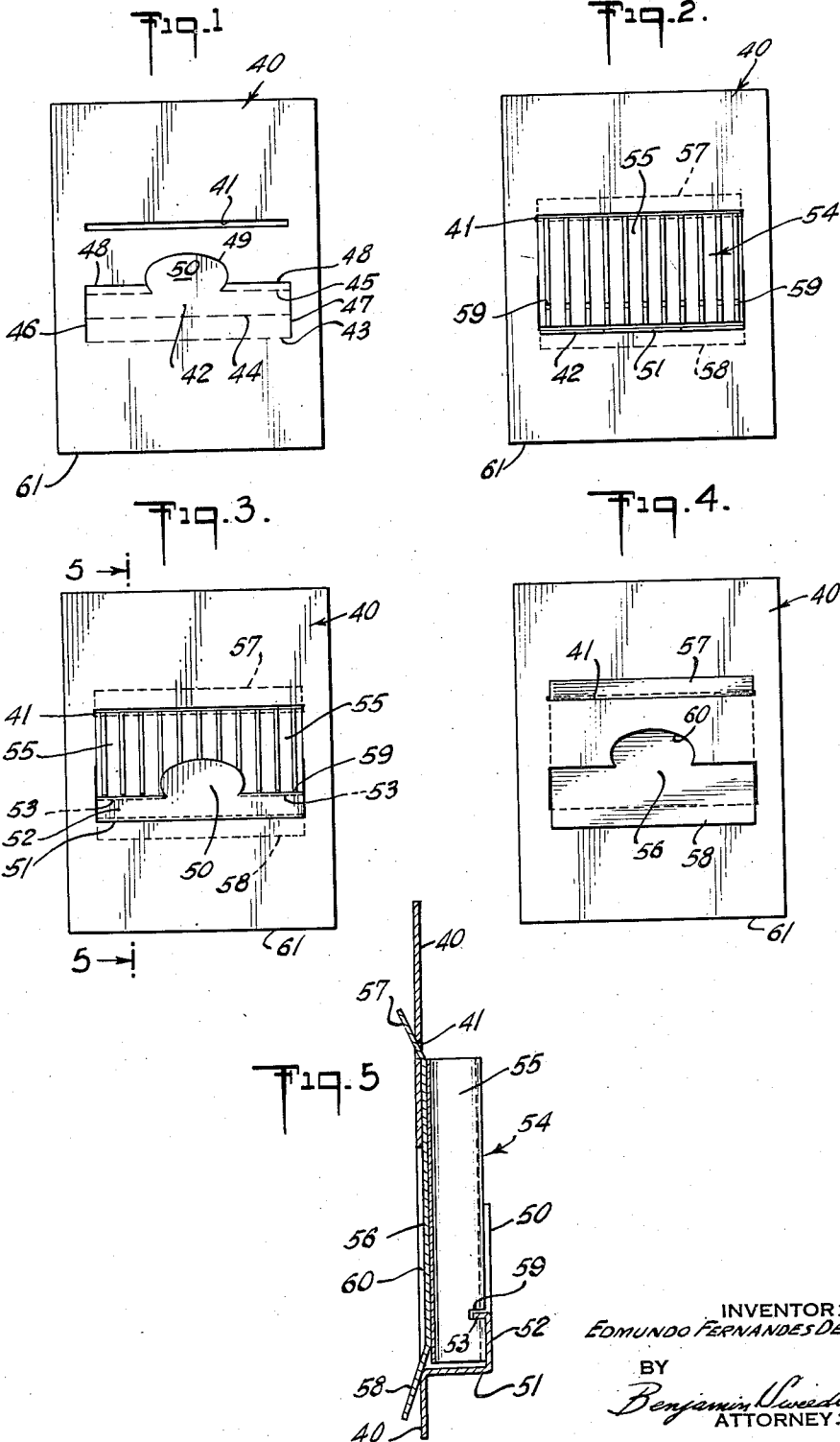
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DISPLAY PACKAGE FOR LONGITUDINALLY ELONGATED ARTICLES

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DISPLAY PACKAGE FOR LONGITUDINALLY ELONGATED ARTICLES

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4 Claims. (Cl. 206—78)

This invention relates to display packages for longitudinally elongated articles, preferably cylindrical, such as ampoules, vials and the like.

It is known to package such longitudinally elongated articles, hereinafter for convenience referred to as ampoules, but it will be understood the invention is not limited to packaging of ampoules, in corrugated receivers, the corrugations forming regularly spaced juxtaposed compartments, each having a restricted receptive top opening and sides which snugly engage and hold the sides of the ampoules. One form of such corrugated receiver is shown in Bossi United States Patent 2,525,202 granted October 10, 1950.

For display purposes it was heretofore common practice to cut such corrugated receiver to the desired size and to glue or staple the cut receiver on to a suitable support or easel. These displays were objectionable for a number of reasons among which may be mentioned, they are not attractive, and the backing or easel on which the cut corrugated receiver was mounted by gluing or stapling could only be used once, as a practical matter, because removal of the corrugated receiver would invariably seriously damage, if not completely destroy, the support or easel.

It is among the objects of the present invention to provide a display package for ampoules obviating the above disadvantages and which display package permits the ready placeable and removable application of a corrugated receiver containing the ampoules to a display stand so that the receiver, even though removable, is firmly held in place on the display stand and can be readily removed without damaging the display stand, thus permitting repeated use of the display stand, and which display package is relatively inexpensive, attractive, compact and so constructed and designed that the assembly of the display stand and corrugated receiver containing the desired number of ampoules can be readily and conveniently packaged for shipment.

Other objects and advantages of this invention will be apparent from the following detailed description thereof.

In the accompanying drawings, forming a part of this specification and showing, for purposes of exemplification, preferred forms of this invention without limiting the claimed invention to such illustrative instances,

Figure 1 is a plan view of a blank from which a display stand embodying the invention may be made by suitably folding the portions of the blank as hereinafter more fully described;

Figure 2 is a front elevational view of the stand of Figure 1 having mounted thereon a corrugated receiver in the openings provided for reception of the latter, and showing the assembly of stand and receiver with the locking tab of the latter in position just before folding it into locking engagement with the locking slot on the corrugated receiver;

Figure 3 is a front elevational view of the display package with the locking tab of the display stand in locking

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engagement with the locking slot on the corrugated receiver;

Figure 4 is a rear elevational view of the display package of Figure 3; and

Figure 5 is a fragmentary vertical section taken in a plane passing through line 5—5 of Figure 3.

Referring to the drawing, the display package consists of a support 40 which may be cardboard or other suitable material. This cardboard is die cut to provide a transverse slot 41 and a locking member 42 having thereon parallel score lines 43, 44 and 45. The locking member 42 is defined by the base score line 43, the vertical slits 46, 47 which outline its sides, horizontal slits 48 and curved slit 49 the ends of which terminate at the score line 45, as shown in Figure 1. Curved slit 49 defines a flap 50 which may receive suitable indicia, such as advertising material, etc. Locking member 42 may readily be folded into the positions shown in Figures 3 and 5 forming a ledge 51 extending at right angles to the support 40 and an upstanding flap 52 extending parallel to the face of support 40. Flap 52 has an inwardly extending locking tab 53, the function of which will be described more fully hereinafter.

Corrugated receiver 54 is provided with spaced juxtaposed compartments 55 which are mounted on a cardboard base 56 provided with a top locking flap 57 and a base locking flap 58. The side walls defining the compartments 54 are slotted, as at 59, to form locking slots for the reception of the locking tab 53.

In forming the display package of Figures 1 to 5, inclusive, the locking member 42 is folded along the score lines 43 and 44, thus forming the ledge 51 from which extends in an upward direction spaced from and substantially parallel to the support 40 the upstanding flaps 52 and 53. The corrugated receiver is then mounted on the support by passing the top flap 57 through the slot 41 into the position shown in Figures 2 to 5, inclusive, and passing the base flap 58 through the opening 60 (Figure 5) formed by the above described movement of the locking member 42, so that it no longer lies in the plane of the support 40. The locking tab 53 is then folded so that it enters the slots 59 in the side walls of the compartments in the corrugated receiver 54. In this way both the top and the bottom of the corrugated receiver is securely but removably fastened to the support 40, the ledge 51 and the integral upstanding flap 52 acting as a closure for the base of the compartments 55. These compartments, it will be noted, are disposed on the display side of the support 40.

The longitudinally elongated articles, such as ampoules, can be readily positioned in the corrugated receiver either before it is mounted on the support or after the display package has been formed as hereinabove described, and, when so positioned, are firmly held in place in spaced relationship by frictional engagement with the side walls defining the compartments 55. The ledge 51 aids in supporting the ampoules.

The embodiment of the invention shown in the drawing is particularly adapted for the packaging and display of ampoules having neck-like reduced ends. Such ampoules may be packaged with the neck-like ends disposed downwardly so that the necks occur opposite the slots 59. When so packaged, ledge 51, upstanding flap 52 and locking tab 53 envelop and effectively protect the neck-ends of the ampoules.

It will be understood that the support 40 may be provided with a brace for maintaining the support in a raised position, so that its lower edge 61 may rest on a counter or other surface and the ampoules are held within the compartments in a vertical plane or a plane inclined somewhat to the vertical.

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In order to effect removal of the corrugated receiver it is only necessary to remove locking tab 53 from the cooperating locking slots 59 and then bodily lift the corrugated receiver from the support 40; the flexibility of the flaps 57 and 58 permits such removal, as well as ready replacement of the same or a different corrugated receiver on to support 40.

It will be noted the present invention provides a display package which is simple, attractive and compact in design, economical to produce, which permits the ready placement on to and removal from the support of the corrugated receiver having spaced juxtaposed compartments for ampoules to display them in an attractive manner, which permits repeated use of the support, which package is relatively compact and occupies little space, so that it forms an efficient package for shipment and can be readily set up to provide an attractive display.

Since certain changes may be made in the above described display packages and still other embodiments of the invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawings shall be interpreted as illustrative and not in a limiting sense.

What is claimed is:

1. A display package for longitudinally elongated articles such as ampoules and the like, comprising, in combination, a support having a transverse slot, a cut-out locking member on said support arranged to be folded to provide a transversely extending ledge positioned substantially at right angles to said support, a corrugated receiver constituted of spaced juxtaposed compartments and having opposite flaps, one of said flaps passing through said transverse slot to engage the back of said support just above said slot, the lower edges of said compartments resting on said ledge and being closed thereby and the other of said flaps passing through the opening formed by moving said cutout locking member from the plane of said support.

2. The display package as defined in claim 1, in which said locking member has a portion extending upwardly from said ledge spaced from and substantially parallel to said support and arranged to engage the base portion of the corrugated receiver to lock the base of said corrugated receiver to said support.

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3. The display package as defined in claim 1, in which the portion of said locking member extending upwardly has a locking tab extending inwardly towards the support, the corrugated receiver has a transversely extending slot passing through the walls of said corrugations, and said locking tab is disposed in said slot to removably lock the base of said corrugated receiver to said support.

4. A display package for ampoules having neck-like reduced ends, comprising, in combination, a support having a transverse slot disposed above the transverse median of said support, a cut-out locking member on said support forming a transverse opening disposed below the transverse median of said support, said cut-out locking member being arranged to be folded to provide a transversely extending ledge positioned substantially at right angles to said support at the base of said transverse opening, said locking member having a portion extending upwardly from said ledge spaced from and substantially parallel to said support and having a locking tab extending inwardly from said upwardly extending portion, a corrugated receiver constituted of spaced juxtaposed compartments and having top and bottom flaps extending from the top and bottom edges respectively of said compartments, the top flap passing through said transverse slot to engage the back of said support above said slot and the bottom flap extending through said transverse opening to engage the back of said support just below said transverse opening, the lower edge of said compartments resting on said ledge and being closed thereby, said corrugated receiver having a transversely extending locking slot passing through the walls of said compartments near the base thereof, said locking tab being positioned in said locking slot to removably lock the base of said corrugated receiver to said support and to form at the base of each compartment a receptacle for the neck end of an ampoule, which receptacle substantially completely envelopes said neck end and protects the same.

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