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PACKAGE AND A DISPLAY STAND THEREFOR

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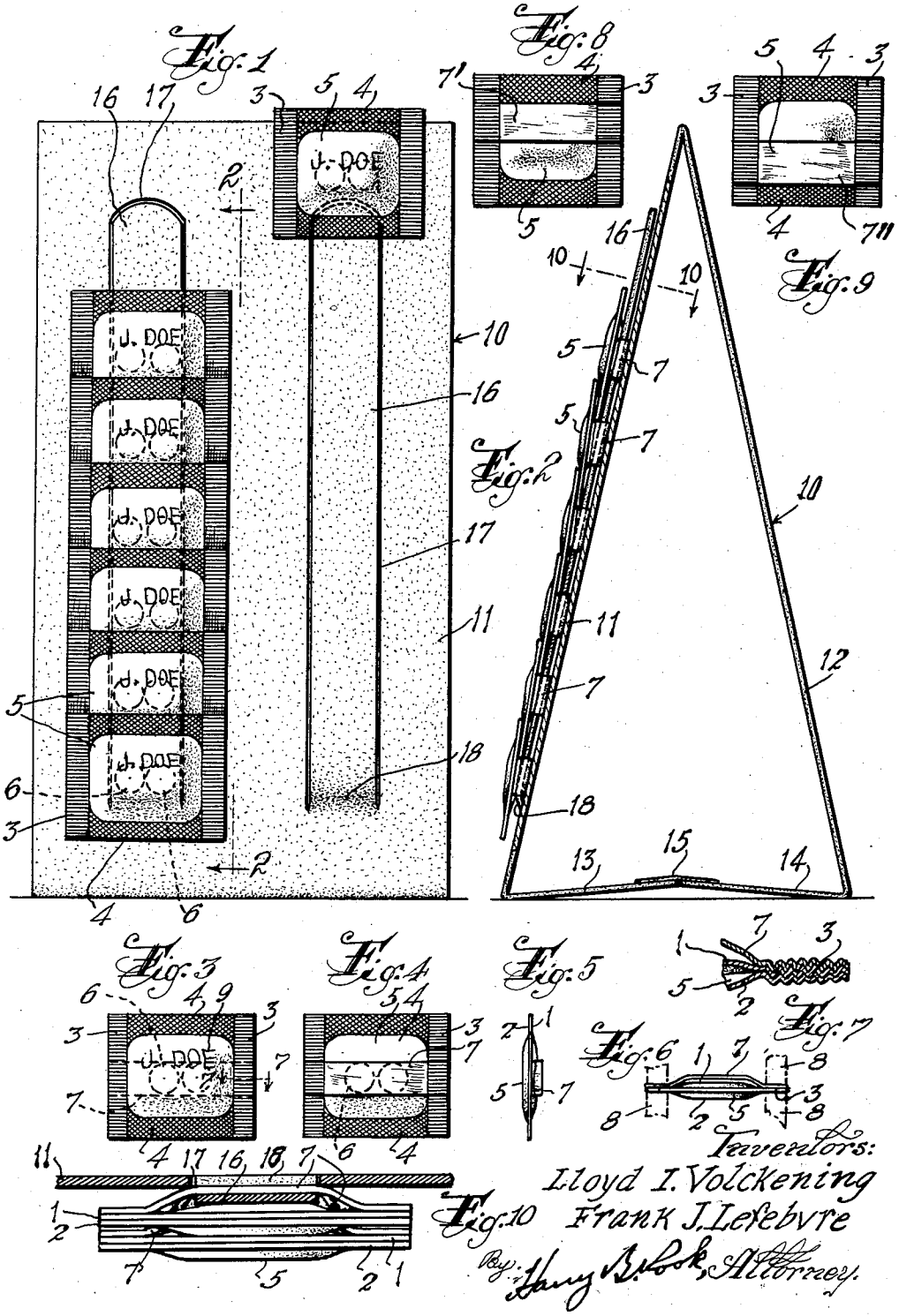

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PACKAGE AND A DISPLAY STAND THEREFOR

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1 Claim. (Cl. 206—79)

This invention relates generally to packages, envelopes, bags or the like adapted to contain medicinal or other tablets, powder, tea and the like, and to stands for displaying the same.

More particularly, the invention relates to commodity packages of the type comprising a plurality of layers of packaging material, at least two of which are sealed together in zones, forming and bounding the commodity-receiving compartment, and one of which is provided with novel means for detachably mounting the package on a display device. For example, the invention contemplates a package that comprises layers of packaging material such as "Pliofilm," "cellophane" or metal foil sealed together to form an article-containing compartment and that is provided with a band or strip serving as means for detachably fastening or hanging the package on a display device such as a display stand or card.

Another object of the invention is to provide a package of the character described embodying novel means whereby a plurality of such packages may be conveniently and neatly affixed to a backing for counter display and sale.

A further object of the invention is to provide a commodity package with a mounting loop so disposed thereon that a plurality of such packages may be stacked along the elongated tongue of a display stand, with the loops and the lower edges of the adjacent packages coacting to space the packages in orderly fashion.

Yet another object of the invention is to provide such a commodity package whereby an individual package may be readily removed from a display stand or card without mutilating the package or display device or without disturbing the neatness of the display stand or card bearing the remaining packages.

The invention further contemplates the provision of a new and improved display device formed of a single sheet of stiff material such for example as cardboard which is adapted to form a rigid stand for the support and/or display of commodity packages or other articles of manufacture.

A still further object of the invention is to provide a display stand on which commodity packages of the character described may be supported in proper alignment and displayed to advantage.

The invention contemplates not only the specific construction of the improved packages which are dispensed from the display stand but in combination therewith the specific structure of the means provided on the display stand for detachably securing said packages thereto in adjustable spaced relationship.

It is further proposed to provide a combined package and display stand structure which is simple in construction and which can be manufactured and sold at a reasonable cost.

Other objects and advantages of the invention will be apparent from the description thereof to follow taken in conjunction with the accompanying drawing in which

Figure 1 is a front elevational view of a display stand

embodying the invention, with a plurality of packages embodying one form of invention supported thereon, one of such packages being shown in a position preparatory to mounting on a tongue of the display stand.

Figure 2 is a vertical sectional view taken on the plane of the line 2—2 of Figure 1 and looking in the direction of the arrows.

Figure 3 is a front elevational view of one of the improved packages of Figure 1.

Figure 4 is a rear elevational view thereof.

Figure 5 is an end elevational view thereof, looking from the right hand side of Figure 3.

Figure 6 is an end view of the package of Figure 3 showing a step in the manufacture thereof.

Figure 7 is an enlarged horizontal sectional view taken on the plane of the line 7—7 of Figure 3.

Figure 8 is a rear elevational view of a modified form of package.

Figure 9 is a rear elevational view of another modified form of package.

Figure 10 is a horizontal sectional view taken on the plane of the line 10—10 of Figure 2.

Referring in detail to Figures 1 to 7, inclusive, of the drawing, the first form of package is shown as comprising two layers, strips or sheets 1 and 2 of packaging material, for example, metal foil, "Pliofilm," "cellophane," paper or fabric, which are sealed together in vertical side end zones 3 and horizontal zones 4 as viewed in Figure 1 of the drawing, to form and bound a compartment 5 between the layers for receiving a commodity such as tablets 6 and the like.

Initially the juxtaposed sides of the sheets 1 and 2, at least along the portions thereof in the zones 3 and 4, are either coated with an adhesive, a thermoplastic composition, or are fusible so that they may be sealed together in the zones 3 and 4 by the application of pressure with or without heat, depending upon whether a thermoplastic or fusible substance is utilized.

In accordance with the invention, a band or narrow strip 7, of the same material preferably as the material of the sheets 1 and 2, is disposed across the upper or outer surface of sheet 1 and, in the form of package shown in Figures 1 to 7, inclusive, across the center of compartment 5. The ends of the band or strip 7 are secured to the margins of sheet 1, the remainder of the band or strip being unattached and free of the package. Preferably the band or strip 7 is secured to the package in the same operation through which the packaging sheets 1 and 2 are sealed together, and as shown in Figure 6, the sheets 1 and 2 are sealed together in the vertical zones 3 when the band or strip 7 is secured to the margins of sheet 1 by cooperating pressing die sections 8, while at the same time the horizontal margins of sheets 1 and 2 are sealed together by die sections (not shown) to form the zones 4. The length of the band or strip 7 is such that the unattached portion thereof is adapted to form a loop extending across the commodity compartment 5.

The modified form of package shown in Figure 8 differs from the package of Figures 1 to 7, inclusive, in that the band or strip 7' is positioned across the top of compartment 5 instead of across the center thereof; and the modification shown in Figure 9 differs in that the band or strip 7'' is positioned across the bottom of the compartment 5.

It will be understood that the above mentioned sealing operations may be performed simultaneously or at different times as may be desired, according to normal practices in the art, and the commodity or substance being packaged, such as the tablets 6, may be inserted into the compartment 5 in any suitable manner and at any suitable time.

It will be seen that this structure and method facilitate

the application of mounting bands or strips to packages of this general nature, permitting the attachment of the bands at the same time the packages are formed instead of requiring separate operations for attaching the bands.

If desired, the outer surface of the sheet **1** of the package, opposite the compartment **5**, may have any desired indicia **9** printed thereon, such as the name of the manufacturer, a trademark or advertising matter.

By reason of this construction, the improved package may readily be mounted on and removed from a display device, such as the display stand **10** shown in Figures 1, 2 and 10 and made in accordance with the present invention. This display stand **10** has an easel-shaped body composed of a single sheet of stiff material such as cardboard, fiberboard, pressboard and the like which is shaped by bending the sheet midway its ends to provide upwardly converging front and rear walls **11** and **12**, respectively, and by further bending the sheet to provide inwardly extending opposed flanges **13** and **14** on the respective front and rear walls. The opposed end edges of the flanges are joined by a cardboard strip **15** which spans the joint therebetween and may be secured in position by adhesive or the like. The flanges serve to space the front and rear walls and with the strip **15** constitute the base of the stand, which base may be flexed inwardly slightly so that the stand may be supported on the bottom end edges of the walls in a balanced condition as shown in Figure 2.

The front wall **11** of the stand is formed with a pair of elongated flexible tongues **16**, **16** stamped out of the material of the wall adjacent its sides and extending substantially the length of the wall, with their free ends at the top. The construction of each of the tongues **16** is such that it may readily be sprung forwardly out of the slot **17** formed thereby into a plane offset from the plane of the wall **11** to facilitate slipping the mounting band **7** of the package thereover. The package may be slid down along the tongue in nested, stacked relation. In Figure 1, a plurality of packages are shown supported on one of the tongues **16** and a package is shown as about to be slipped over the other tongue. The band **7** of the lowermost package rests on the base or root **18** of the tongue and of the remaining packages the lower edge of the next upper package impinges against the band of the next lower package whereby the packages are arranged in neat and orderly fashion, with the upper and lower portions of adjacent packages in overlapping relation to conserve space.

When the packages are mounted in stacked relation on the tongue as shown in Figure 1, the position of the mounting band **7** on the package controls the spacing between and the relative positions of the packages on the tongue and the amount of overlap between the adjacent packages. For example, when packages, each with a band **7'** positioned adjacent the top of the package as shown in Figure 8, are stacked on the tongue, the overlapping area will be the smallest, whereas with packages each having a band **7''** as shown in Figure 9 positioned adjacent the bottom of the package, the overlap will be the greatest.

The package may be readily slid along the tongue and will be frictionally held in any adjusted position therealong by the band **7**. The band **7** therefore serves as a stop and as guiding and spacing means for stacking the packages.

While we have illustrated and described the preferred embodiments of the invention, it will be understood that changes in details of construction might be made without departing from the principle and scope of the invention and we desire to be limited only by the state of the prior art and the appended claim.

What we claim is:

A package display comprising, in combination, an elongated sheet of cardboard or the like having an elongated vertical resilient tongue connected at its lower end to said sheet and disposed in approximately spaced and parallel relation to the plane of one side of said sheet with its upper end free from the sheet, and a plurality of substantially rectangular packages, each having a horizontal strap portion at one side of the package providing a loop through which said tongue is inserted to thereby detachably mount the package on the sheet, said strap portion being positioned with respect to the horizontal edges of the corresponding package so that the packages are positioned in a row along said tongue with one edge of the strap of one package abutting said tongue at the juncture of the lower end of the tongue with said sheet and with the upper edge of said strap of each package abutted by the lower edge of the next upper package, whereby the packages are held in predetermined spaced relation on said tongue.

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