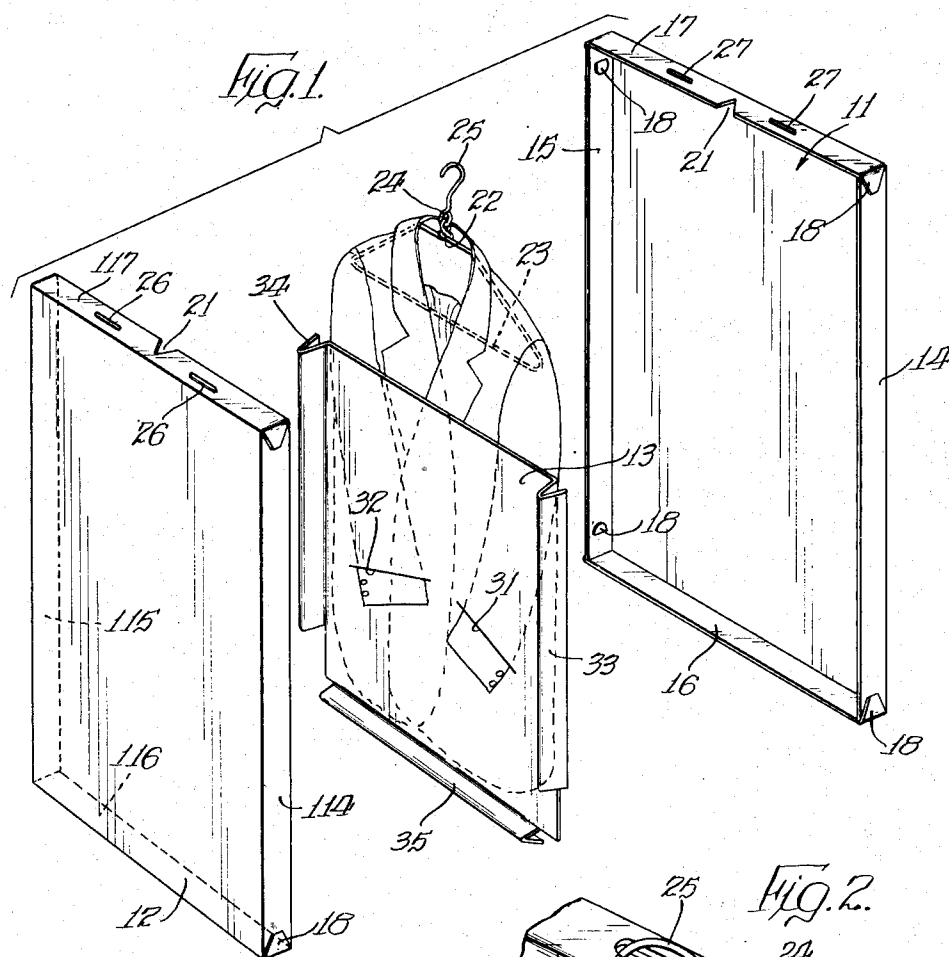
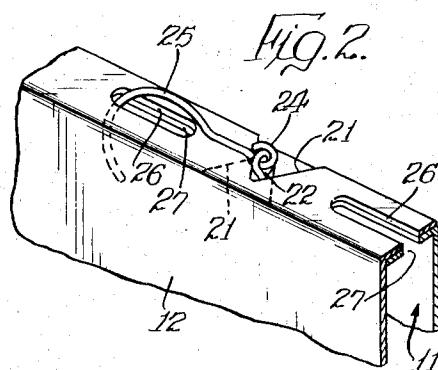
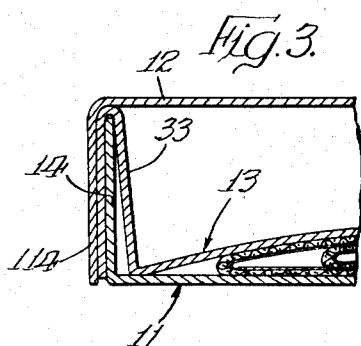


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GARMENT PACKAGING BOX  
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## GARMENT PACKAGING BOX

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The present invention relates to packaging boxes which are particularly adapted to be used in the protective packaging of suit garments or other personal wear under conditions which will preserve their shape and conventional press lines during shipment as well as during storage.

A principal object of this invention is to achieve a packaging box which may be made from flat stock sheet components profiled in accordance with the box dimensions and erectable into bottom and cover sections, after the conventional manner of such articles, but characterized by the provision of garment lashing auxiliaries which will exert firm retention for maintaining garments packaged within such boxes secure against shifting and consequent rumpling.

Another object of the present invention is to achieve a packaging box particularly appropriate for garments comprised of coat jackets and auxiliary body coverings in a manner which will preserve the conventionally normal press lines against influences of displacement such as shock or vibration which would otherwise result in wrinkling and disfigurement of pressed edges.

A further object of the present invention is to achieve a packaging box for containing two-piece articles of personal wear with a pressure element for retaining said garments in their normal hung condition and at the same time reinforcing the peripheral fold walls of the packaging box whereby to resist forces tending toward crushing or collapse.

A further object of the present invention is to provide a packaging box for suit coat garments of either men's or women's apparel while being supported on shoulder hangers with pendant hook attachments in a manner which will permit the hook to be disposed in or out of projecting position whereby the article thus packaged may be made to serve as storage device or to occupy minimum over-all dimensional spacing in keeping with postal shipping regulations.

The foregoing and other objects are fully realized by my invention, which in its broadest aspects comprises a folded box bottom section, a folded box cover section and certain added structures.

One of these relates to suspension hook elements. Either or both of the end walls of the two sections are preferably provided with a system of notches through which there may be permitted the protrusion of a shaped wire hook element pivotally linked to the garment support hanger when in utility position supporting the shoulder portions of the garment jacket. Adja-

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cent the protrusion notches there are provided others which afford re-entrant access whereby the pivoted hook element may be reinserted into the box by being swung about its link pivotal connection. In this capacity the hook element not only is made to recede from protuberance or projection beyond the normal dimension of the box itself, but in addition due to its re-entrance through one or another of a pair of slash apertures, there is afforded a locking securement to safeguard the interfitting relationship between the cover and bottom portions of the box.

In addition, an anchor panel is provided which extends transversely the full width of the box and terminates at its sides with saddle or fold portions adapted to straddle the box bottom side walls and a lower box bottom end wall, achieving thereby a secure, shift-free anchorage. This panel is provided with obliquely disposed slashes through which the sleeves of the jacket garment are inserted. The stationary security of the anchor panel is made to afford comparable lashing security to the garment jacket, preventing its inadvertent displacement as through shock and vibration.

In order that my new invention may be more fully disclosed, reference is now had to the accompanying drawing, which illustrates one form of packaging box construction, together with its auxiliary apparatus, embodying the foregoing and such other principles, advantages, or capabilities as may be pointed out as this description progresses, or as are inherent in the present invention. For purposes of clarity in exposition, the following description is explicit and the accompanying drawing is detailed, but it is distinctly to be understood that such exposition and detailed illustration is not to constitute a restriction, and that my invention is not to be limited thereby.

In the drawing:

Fig. 1 is an exploded perspective view showing the box elements and auxiliary apparatus with garment in place constructed in accordance with my invention;

Fig. 2 is a fragmentary perspective view featuring the hanger detail in its latched condition with the box elements closed, and

Fig. 3 is a fragmentary sectional view through a portion of the closed box featuring the anchor panel auxiliary apparatus in its utility position.

In the following detailed description as well as in the annexed drawing similar reference characters designate corresponding parts throughout.

In the annexed drawing the bottom of a box

assembly is designated 11, the top or cover element is designated 12, and the inserted anchor panel 13. The bottom portion of the box 11 may be produced from an integral sheet of relatively firm fibrous or strawboard paper stock, and includes the perpendicularly erectable side wall sections 14 and 15 as well as the end wall sections 16 and 17. At the corners where the side and end walls meet, there may be provided the customary slash and tongue arrangement 18 for the purpose of securing the erectable walls with one another, although it is to be understood that any other mode of construction is equally adaptable for use in conjunction with the present invention.

The cover portion 12 is formed and erected in the same manner as the bottom portion of the box, with side wall sections 114 and 115 and end wall sections 116 and 117, except that in order to allow for proper interfitted relationship between the two elements, the cover element 12 would preferably include slightly greater length and width dimensions as well as appropriate marking whereby the user may at once recognize and distinguish between the cover and bottom portions in order to facilitate ease in handling.

The erected upper end walls 117, 117 of both cover and bottom box sections are centrally notched as at 21, see also Fig. 2, in order that when the two members are placed together and the two notches 21 of the respective box elements brought into overlapping alignment, a small central aperture be thereby afforded through which may extend the wire loop formation 22, which in the illustrated embodiment is shown to be a continuation of the wire garment hanger 23. Where another type of garment hanger is intended to be employed, such as one of wood or plastic molded composition, the wire loop formation 22 may constitute the uppermost extremity of a suspension eyelet pivotable through an aperture formed in the hanger after a manner of mounting which is now well known in the garment hanger construction art.

Through the loop or eyelet 22 there is coupled a cooperating loop or eyelet 24 bent into this shape out of the terminal extremity of a wire metallic hanger hook 25. The free end of this hook can be disposed entirely without the box enclosure. However, it can also be inserted into the box, through a pair of aligned, closed slots 26, 27 in the end walls 117, 117, adjacent the notches 21. In this manner, shipment is facilitated and more secure latching is accomplished as regards the top and bottom box components.

The shoulder portions of the coat garment are placed upon the hanger 23 in the conventional manner. The lower ends of the two sleeves of the coat garment are inserted through a pair of slashes 31 and 32 in a lashing plate 13, as indicated in Fig. 1.

Only a small portion of the sleeves are required to protrude through the slashes 31 and 32, which are symmetrically arranged with respect to the side edges of the plate 13, and slightly inclined one with respect to the other. The width of plate 13 is preferably such as to permit its folded side extremities 33 and 34 to straddle the corresponding sides 14 and 15 of the box bottom as best illustrated in Fig. 3. Optionally the lowermost extremity of plate 13 may be similarly provided with a folded portion 35, and the latter element may be correspondingly fitted over the end wall 16, effecting thereby a lashing of the

plate 13 to three of the perpendicular walls, while the eyelet 22 is placed into the slash or groove 21 of the fourth wall 17.

The folded or saddle portions 33 and 34 when installed upon their respective box side elements 14 and 15 contribute a factor of reinforcement to the latter elements at the same time that they themselves receive stability against shifting and displacement. When the cover 12 is placed upon the box, each side portion 114 and 115 thereof assumes a position wherein a side wall of the completed package provides a four-ply lamination (wall 114, outer fold of wall 33, wall 14, and inner fold of wall 33), as indicated in Fig. 3, so that there is achieved a cumulative rigidifying or reinforcing effect against compressive and rupturing forces. The resulting strength is comparable with that achieved heretofore only by the use of additional structure or of much heavier cardboard or other box making substances.

Following insertion in the box bottom 11 and engagement with the box cover 12, the anchor panel 13 assumes a bowed condition, as indicated in Fig. 3, because the web of this panel encounters the garment article that intervenes between the former and the bottom element 11 while the edges 33 of the panel are forced toward said bottom element. Accordingly there is exerted an appreciable pressure upon the surface of the assembled and hung garment which tends to maintain it compact and securely in position. Each garment detail, including pocket flaps, lapels, etc., such as might otherwise become dislodged and wrinkled or creased, is in this way held in its correct form.

Upon arrival at a destination, the user may store the garment in its original shipping package either by laying it upon one of its several edges or surfaces or by hanging it up by the swivel hook 25, without fear of incurring a shifting and consequent crumpling and wrinkling of the garment. Suspending the package from its garment supporting hook 25 maintains all parts of the garment in the natural position in which such parts are advantageously stored, with the further advantage that inures from protective enclosure by the box.

Having thus disclosed my novel garment packaging box as well as its manner of advantageous utilization, I claim as my invention:

1. A coat garment packaging box comprising a bottom component made of sheet material profiled to define a first principal panel with first peripheral wall panels erectable perpendicular to said principal panel; a top component also made of sheet material profiled to define a second principal panel marginally larger than that of said bottom component with second peripheral wall panels erectable perpendicular to said top component principal panel means for holding a garment coat to one portion of the first peripheral wall panel, and a lashing plate which comprises a panel having slit apertures for receiving therethrough lowermost extremities of the garment coat and including double folded side portions spaced to straddle portions of said first peripheral wall panels remotely from said one portion and to be in turn encompassed by said second peripheral wall panels.

2. A shipment and storage packing case for a coat, comprising a bottom portion profiled to define a principal panel and peripheral wall panels to be erected perpendicular to said principal panel to constitute side walls and end walls, a top por-

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tion profiled to define a principal panel marginally larger than that of said bottom portion, with corresponding peripheral wall panels to be erected perpendicular to said top portion principal panel to constitute side walls and end walls, a garment hanger suspended from one end wall, and an elastic panel removably insertable into said case, having slit apertures for receiving therethrough lowermost extremities of the sleeves of a coat packaged in the case, and having side portions engageable with at least one of the peripheral wall panels so as to be bent thereby toward one of the principal panels when the bottom and top portions are combined.

3. The combination set forth in claim 2 in which said elastic panel includes a double-folded side portion for straddling said bottom portion end wall.

4. A box for packaging suit coat garments which comprises top and bottom components each having side and end wall portions perpendicular to the principal plane of said components, corresponding ones of said end wall portions having coinciding notches at their center whereby during closure of said box components by placement of one upon the other an aperture is pro-

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vided by the coincidence of said notches, said corresponding end wall portions having coinciding apertures adjacent said notches, in combination with a garment hanger which consists of a formed member for supporting suit coat garments having a link eyelet adapted to protrude through said aperture, and a hook element pivotally linked to said eyelet whereby to assume alternatively an erect position for pendulously supporting the box constituted of said components or to be swung pivotally about its link eyelet connection to enter and be submerged within said adjacent aperture; and a lashing plate having slots for sleeve extremities of a suit coat and fold portions to straddle bottom component wall portions other than the end wall portions having said notches.

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