I. H. LYONS & R. J. GRUENBERG.

SUITCASE.

APPLICATION FILED APR. 18, 1913.

1,127,366.

Patented Feb. 2, 1915.

2 SHEETS—SHEET 1.

FIG. 1.

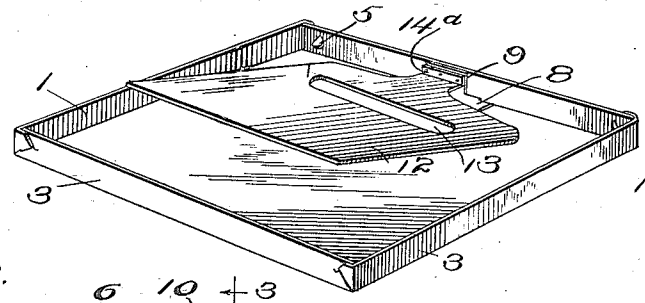


FIG. 2.

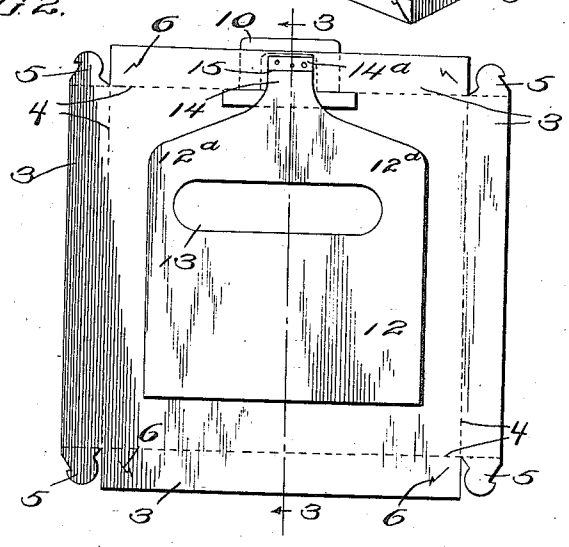


FIG. 3.

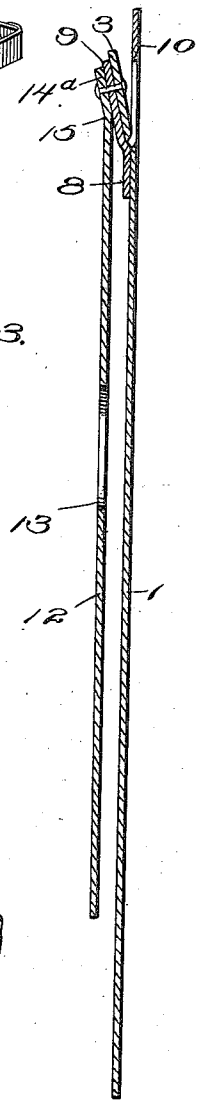
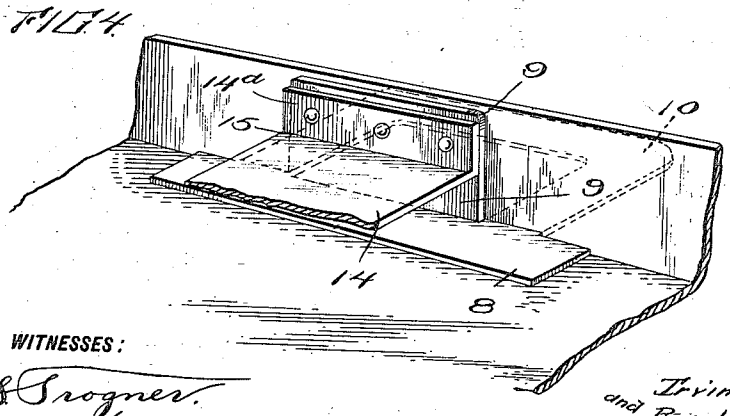


FIG. 4.



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2 SHEETS—SHEET 2.

FIG. 5.

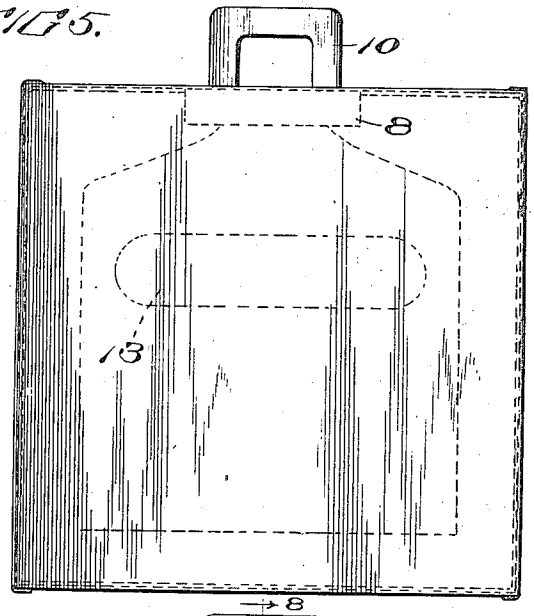


FIG. 6.

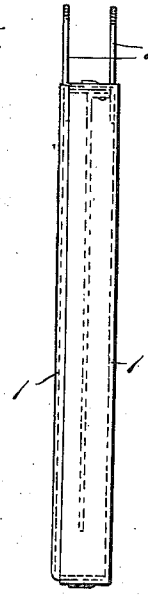


FIG. 7.

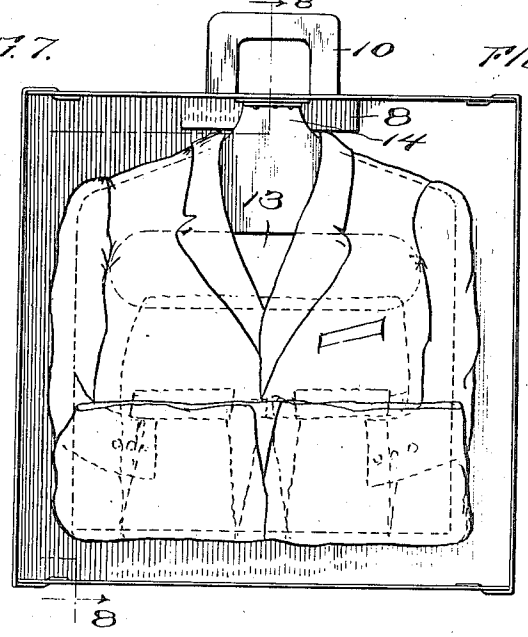


FIG. 8.

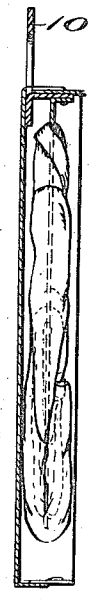
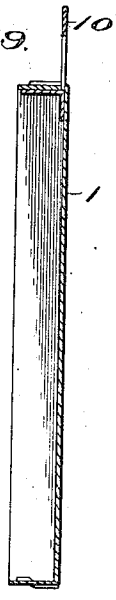


FIG. 9.



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SUITCASE.

1,127,366. Specification of Letters Patent. Patented Feb. 2, 1915.

Original application filed April 5, 1912, Serial No. 688,650. Divided and this application filed April 18, 1913. Serial No. 762,143.

To all whom it may concern:

Be it known that we, IRVING H. LYONS and RAOUL J. GRUENBERG, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Suitcases, of which the following is a specification.

This invention relates to that class of boxes which are usually made of paper-board or card-board and are commonly employed by clothiers and tailors for delivering suits of clothes, skirts, shirt-waists, etc., and are therefore sometimes designated as suit-cases. Boxes of this character are commonly made of two similar parts, one telescoping within the other.

One of the objects of our invention is to provide a suit-case or receptacle with a garment holder or hanger upon which the garment may be arranged and prevented from shifting in the box or be suspended from one end thereof so that the garment will be prevented from becoming wrinkled, and also to provide suitable handles by which the suit-box may be carried, and which will coöperate with the hanger to reinforce those parts of the box which sustain the weight. The form of handles which we employ are disclosed in Letters Patent of the United States, No. 1,027,385, granted to Raoul J. Gruenberg, May 21, 1912.

The present application is a division of our prior application Serial No. 688,650, filed April 5, 1912.

In the accompanying drawings forming a part of this specification, Figure 1 is a perspective view of a suit-box embodying our invention, having the cover removed to show the position of the hanger and the manner of affixing it to one end of the box; Fig. 2, is a front elevation of the same with the corner hooks unlocked and the parts flattened out into a knocked-down condition; Fig. 3, is a vertical section on the line 3—3 of Fig. 2; Fig. 4, is an enlarged detail in perspective of the parts of the box adjacent to the handle and garment support; Figs. 5 and 6, are front and end elevations of the closed box, showing the position of the hanger in dotted lines; Fig. 7 is a front elevation of the suit-box with cover removed and showing a suit arranged upon the hanger; Fig. 8, is a vertical sectional view on the line 8—8 of Fig. 7; and Fig. 9, is a vertical section of the cover.

The suit-box is constructed of card-board or paste-board, or the equivalent, having rectangular sides 1, and edge-members 3, which are preferably made integrally therewith and then creased along the lines of juncture 4 to form lines of flexure or bending-joints, so the edge-members may be swung from the flat position of Fig. 2, into the folded position shown in Fig. 1, and locked by inserting the hooked tabs 5 through the slits 6. The cover illustrated in Fig. 9, is constructed in the same manner and is made the proper size to snugly telescope the box as shown in Fig. 6.

We provide both the cover and the garment-containing member with handles which are preferably made of card-board reinforced with canvas, the base or securing portion comprising plate-form members 8 and 9, connected by a bending joint which extends along the joint between the edge and side members of the box, the members being fastened by rivets, glue or other suitable means. These connected plate-form base-members of the handle thus constitute a primary angle-form reinforce to the box. The grip portion 10, of the handle is an integral continuation of the plate 8, in the same plane and passes through a slit in the joint between the edge and side members of the box, the handle of the cover being constructed and fastened in the same manner. The handle, as described, is the same as that covered in the patent above mentioned, but in the present case the member 9, is preferably prolonged across the edge-member and brought into coöperative relation with the hanger in a manner hereinafter described.

The garment hanger is preferably cut or stamped from a sheet of card-board or other suitable material possessing the desirable qualities of rigidity or stiffness and lightness, the body portion 12, being substantially of rectangular shape with the upper edge rounded at the corners, as indicated at 12^a, and over which upper edge a garment such as a coat, shirt-waist, or other article of wearing apparel may be hung in the manner illustrated in Fig. 7. A pair of trousers or a skirt may be hung through a slot 13. Intermediate the upper edge, the hanger is prolonged into a narrowed extension or

tongue 14, creased along the line 15, to form a bending-joint or transverse line of flexure with the continuation of the tongue 14ª by which it is secured to an edge-member of the box.

We have found that it is important to reinforce the edge-member which sustains the weight or load-carrying stress exerted thereon by the downward pull of the garments on the hanger. We have, therefore, taken advantage of the plate-members of the handle and prolong the member 9, across the edge-member 3, so that it will underlie the entire attaching end 14ª of the hanger tongue. When the parts are riveted or glued together there is formed a reinforced portion having three plies extending throughout the extent of the attaching tongue portion 14ª, as illustrated in the enlarged detail shown in Fig. 4. The handle members are thus brought into coöperative relation with the attaching tongue of the hanger and serve the additional function of providing a compound reinforce to sustain the stresses brought upon the edge-member at all times when the box is in vertical position whether or not it is being carried by the handles. It will be seen that there is not only the added stiffening and rigidity afforded by the three-ply thickness of material across the attaching surface, but that the vertically disposed web 14, acts after the manner of a rib or beam across an intermediate part of the plate 9 of the angle-form of the handle; and, moreover, that the parallel parts or plates 8, and 14, connected by the plate 9, constitute a channel-bar sectional form, the separated vertical plate-form portions being located in parallel planes and in the direction of the load-carrying stress. This reinforcing structure is independent of the grip portions 10, which may, in some cases, be omitted.

When the parts of our suit-box are unfolded and flattened out, as shown in Fig. 2, the bending-joints between the plates 8 and 9, and between the tongue parts 14 and 14ª are straightened out so that the body 12 of the hanger will bear against the side-member 1, so that they may be compactly packed in knocked-down form for shipment and storage.

We have described in detail the construction illustrated in the drawings for the purpose of disclosing an embodiment of our invention, but it is evident that changes may be made therein within the purview of our claim and without departing from the real spirit of our invention.

We claim:—

In a garment package, the combination with a foldable box having an edge-member jointed with the box-side, of a carrying member having a handle projecting through a slot in the edge-member at the joint with the box-side and an angle member secured to and reinforcing said edge and side respectively, and a pendulous garment-form having at one end a narrowed extension connected by a joint and secured to said edge-member and to said angle-member, thereby forming a compound reinforce and transmitting the stresses of the weight upon the garment form directly to the carrying member, the pendulous member being folded down against the edge-member and box-side when the box is unfolded into a flat form, and being spaced away from both said edge-member and side-member when the box is folded.

In testimony whereof we affix our signatures in presence of two witnesses.

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RAOUL J. GRUENBERG.

Witnesses:
S. F. WALTER,
M. WHERSTEDT.