Sept. 4, 1962 C. D. WALLACH 3,052,507

RECORD ALBUM STORAGE CABINET AND ALBUM ENVELOPE THEREFOR

Filed April 24, 1961

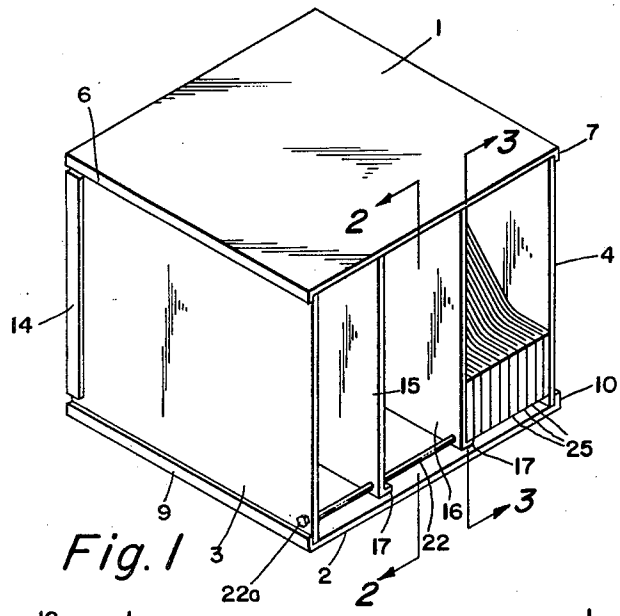


Fig. 1

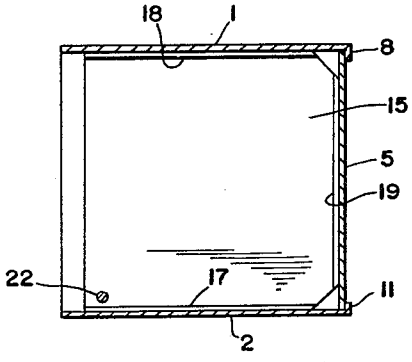


Fig. 2

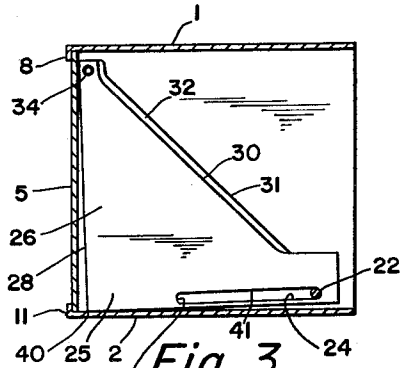


Fig. 3

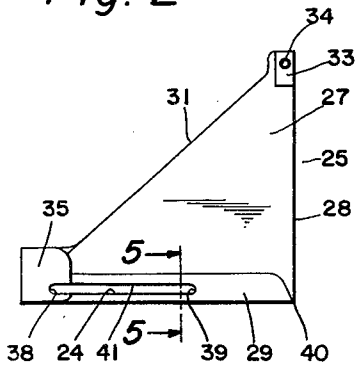


Fig. 4

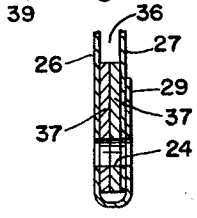


Fig. 5

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RECORD ALBUM STORAGE CABINET AND ALBUM ENVELOPE THEREFOR

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1 Claim. (Cl. 312—12)

This invention relates generally to cabinets of the type disclosed in Wallach Patents Nos. 2,647,027 and 2,720,204, but has reference more particularly to an improved album envelope for use in conjunction with such cabinets, and to a novel manner in which the envelopes are used in relation to the cabinet.

A primary object of the invention is to provide an envelope of the character described which can be slidably removed from the cabinet, for removal of the album, by a simple forward movement of the envelope, without tilting of the envelope, as described in the aforesaid patents.

Another object of the invention is to provide an envelope of the character described, which is of novel construction, characterized by the use of an elongated slot, through which the rod which forms part of the cabinet passes, whereby the envelope may be slid forwardly out of the cabinet without detachment from said rod.

A further object of the invention is to provide an envelope of the character described, having a novel stiffening means incorporated therein for rigidifying the lower edge of the envelope.

Other objects and advantages of my invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification, and in which like numerals are employed to designate like parts throughout the same,

FIG. 1 is a perspective view of a record storage cabinet, embodying the invention;

FIG. 2 is a vertical cross-sectional view, taken on the line 2—2 of FIG. 1;

FIG. 3 is a vertical cross-sectional view, taken on the line 3—3 of FIG. 2, and showing one of the envelopes in side elevation;

FIG. 4 is an elevational view, showing the reverse side of the envelope shown in FIG. 3, and

FIG. 5 is a fragmentary cross-sectional view, taken on the line 5—5 of FIG. 4.

Referring more particularly to the drawings, a record album storage cabinet is shown, which will be seen to comprise a box-like structure, formed of sheet metal, open at the front, and consisting of a top 1, bottom 2, sides 3 and 4, and a back 5.

The top 1 is provided with downturned flanges 6 and 7 which are spot welded to the sides 3 and 4 respectively, and with a downturned flange 8 which is spot welded to the upper rear surface of the back 5. Similarly, the bottom 2 is provided with upturned flanges 9 and 10 which are spot-welded to the sides 3 and 4 respectively, and with an upturned flange 11 which is spot welded to the lower rear surface of the back 5. The back 5 is provided with flanges 14 which are spot-welded to the sides 3 and 4 respectively.

The cabinet further includes a plurality of spaced sheet metal dividers 15 and 16, which divide the cabinet into a series of compartments, each divider having a flange 17 at its lower edge, which is spot welded to the bottom 2, a flange 18 at its upper edge, which is spot-welded to the top 1, and a flange 19 at the rear, which is spot-welded to the back 5. The dividers 15 and 16 extend from the back 5 to points spaced rearwardly from the open front of the cabinet, and are disposed in parallel relationship with the sides 3 and 4.

A rod or bar 22 extends through openings in the sides 3 and 4 of the cabinet and through openings in the dividers 15 and 16 which are in alignment with said side openings and are disposed adjacent the lower front corners of the dividers. This rod or bar 22 is retained in position by means of nuts 22a threadedly secured to the ends of the rod.

The rod or bar 22 also extends through slots 24 adjacent the lower edges of record album holders or envelopes 25, which are of generally triangular form, and which serve as individual receptacles for record or phonograph albums.

Each envelope is formed from a heavy kraft paper or board, is of substantially right triangular form, and consists of a unitary piece of such paper or board folded to provide parallel walls or sides 26 and 27 connected integrally with each other at only the rear edge 28, which defines one of the short sides of the right triangle. The side or wall 26 has a flange 29 formed integrally therewith and folded into overlying relationship to the lower marginal portion of the wall 27, said flange being adhesively secured to the wall 27. The folded edge of this flange defines the other of the short sides of the right triangle.

The sides or walls 26 and 27 define an album-receiving slit in the envelope 25 along the hypotenuse of the triangle, this slit being characterized by parallel edges 30 and 31 on the walls 26 and 27 respectively, which are spaced from each other in the plane of the envelope to expose a marginal portion 32 of the wall 27, whereby insertion of an album into the envelope through the slit is facilitated.

The side or wall 26 is also provided with a second flange 33 (FIG. 4), which is formed integrally with the wall 26 and is folded into overlying relationship to the upper end of the wall 27, adjacent the upper end of the aforesaid slit, and is adhesively secured to the wall 27. For reinforcement purposes, an eyelet or grommet 34 extends through the walls 26, 27 and flange 33, one end of the grommet being clinched or peened over into engagement with the outer surface of the side 26, and the other end being clinched or peened over into engagement with the outer surface of the flange 33.

The side or wall 26 is further provided with a third flange 35, which is formed integrally with the wall 26 and is folded into overlying relationship to the forward end of the wall 27 and the forward end of the flange 29, and is adhesively secured to the wall 27 and flange 29, as best shown in FIG. 4.

The sides or walls 26 and 27 provide a pocket 36 therebetween, of which the folded edge of the flange 29 forms the bottom, and there is disposed in this pocket, a rectangular strip or strips 37 of thick cardboard, which strip or strips are rigidly secured in place, as by being adhesively secured to the interior surfaces of the walls 26 and 27. These strips extend the full length of the bottom of the envelope, and serve as a support for the lower edge of a record album disposed in the envelope.

The envelope is provided with an elongated slot 24, which extends through the wall 26, strips 37, wall 27 and flanges 29 and 35, in spaced parallel relation to the lower edge of the envelope.

As previously stated, the rod or bar 22 extends through the slot 24, and the slot is of such a length and so disposed with reference to the front and rear of the envelope, that when the envelope is pushed rearwardly completely into the cabinet, as in FIG. 3, the front end 38 of the slot will engage the rod or bar 22, and when the envelope is pulled forwardly out of the cabinet to a position wherein the record album may be removed from the envelope, the rod or bar 22 will engage the rear end 39 of the slot,

and thus preclude bodily removal of the envelope from the cabinet.

As a practical matter, to facilitate sliding movement of the envelope, as well as to minimize frictional wear of the lower edge of the envelope in its forward and rearward movements, the rod or bar is at such an elevation that the envelope, when inside the cabinet, is supported in a slightly tilted position, as shown in FIG. 3, so that only the rear corner **40** rests on the bottom **2** of the cabinet. As the envelope is moved forwardly out of the cabinet, as when the album is to be removed therefrom, this tilt is increased slightly, since the rod or bar **22** remains stationary, and has a cam-like action on the upper edge **41** of the slot.

If desired, the cabinet may be provided with pull-out support means, such as the members **34** and **34'** described in Wallach Patents 2,647,027 and 2,720,204, for supporting the lower edges of the envelopes when they are in the position in which albums may be inserted or removed therefrom, and to relieve strains on the albums and envelopes.

It is thus seen that I have provided novel and improved means for supporting album envelopes in a cabinet of the character described, as well as an album envelope of novel and improved construction.

It is to be understood that the form of my invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes may be made in the shape, size and arrangement of parts thereof, without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:

An album-containing envelope of substantially right triangular contour, consisting of a unitary piece of sheet material folded to provide parallel walls connected integrally with each other at one edge which defines one of the short sides of the right triangle, one of said walls having a flange formed integrally therewith and folded into overlying relationship to a marginal portion of the other of said walls and adhesively secured thereto, the folded edge of said flange defining the other of the short sides of the right triangle, said walls defining an album-receiving slit in said envelope along the hypotenuse thereof, said walls defining a pocket therebetween adjacent said folded edge, a stiffening element disposed in said pocket, said stiffening element consisting of paperboard of sufficient thickness to support a record album, the sides of said stiffening element being adhesively secured to the interior surfaces of said walls, said envelope having an elongated slot therein adjacent said folded edge in substantially parallel relation to said folded edge, said slot extending through said flange, walls and stiffening element, said wall having said flange having an extension of rectangular contour which extends forwardly from said envelope adjacent the lower end of said slit, said extension having a flange which is folded into overlying relationship with the other of said walls and is adhesively secured thereto, said extension and second-named flange providing a tab for facilitating forward movement of the envelope.

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