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FILING RACKS

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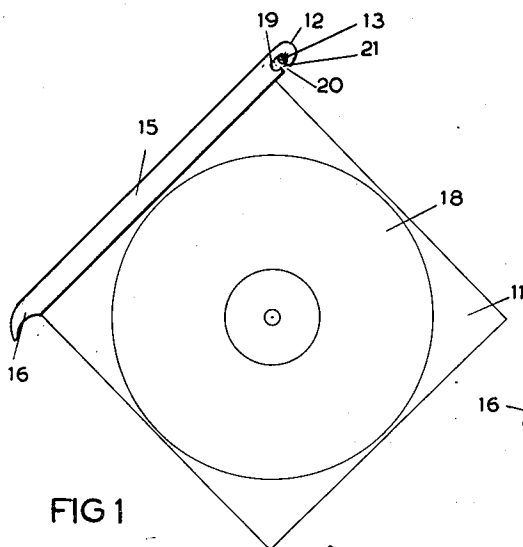


FIG 1

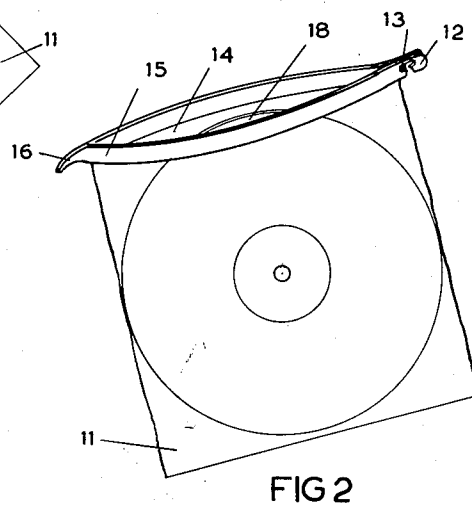


FIG 2

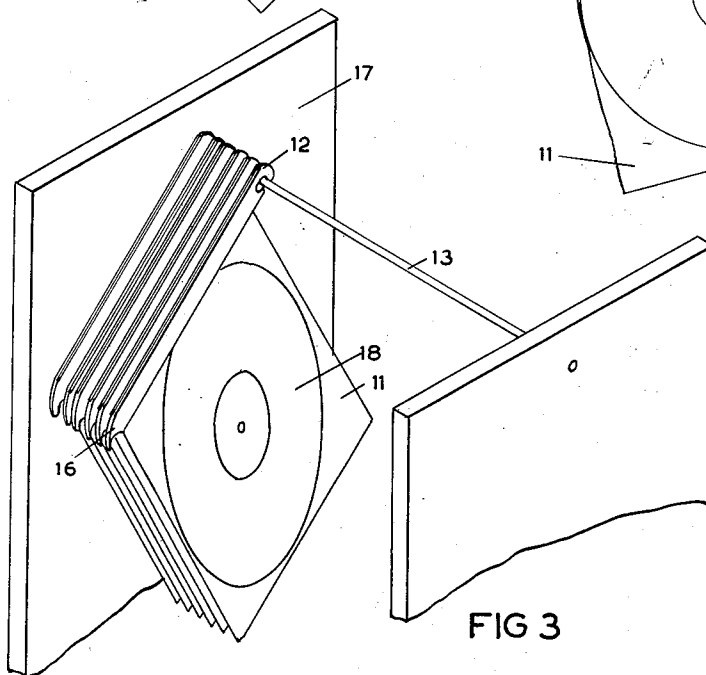


FIG 3

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FILING RACKS

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12 Claims. (Cl. 211—40)

This invention relates to racks for the filing of flat articles generally, but in particular to the filing of phonograph disc records.

Racks for the filing of phonograph disc records are well known in which the records are housed vertically on edge with wire spacers or the like between them to keep them upright. Due to the disc resting on its edge it frequently warps and damage also occurs to the face of the record.

The object of this invention is to provide an improved rack for filing flat articles such as phonograph records to give them the maximum protection in the minimum of space, while allowing the easy identification of, and access to, each article.

In accordance with this invention a filing rack consists of a number of substantially rectangular envelopes made of thin sheet material, a horizontally mounted rod, means for suspending by one corner each envelope from the rod, and an opening in one upper edge of each suspended envelope.

The invention further provides for the suspension means for the envelope to be in the form of a hook, for the material of the envelope about its open edge to have a binding which may incorporate the hook.

The invention also may embody the additional feature of a binding having natural spring to bow outwardly under longitudinal pressure to open the walls of the opening in the envelope, said binding to project at the end opposite the hook as a finger for lifting the envelopes, and for the material of the envelope to be transparent and the bindings to be of different colours.

One preferred form of the invention is illustrated in the accompanying drawing in which:

Fig. 1 shows an envelope in its suspended position, Fig. 2 illustrates the method of opening an envelope, and,

Fig. 3 is a view of part of a rack in which the envelopes hang at the natural angle of suspension.

In the drawings the envelopes 11 are pivotally suspended by the hooks 12 from the rod 13. Each envelope 11 may be made from thin sheet polythene or similar synthetic plastic material and has an opening 14 extending along the full length of the top edge. The opening 14 is bordered by a resilient binding 15 of thicker material than that of which the envelope is made so that it is less flexible and more resilient than the envelope. The hook 12 may conveniently be formed from the same material as the binding 15 and be in the form of an extension of one end of said binding 15. At the other end the binding 15 conveniently terminates in a projecting finger 16, which is used for lifting the envelopes 11. The hook 12 and the finger 16 are made by extending and combining the two edges of the binding 15.

For filing gramophone disc records for example, the envelopes 11 are generally square in shape and may be housed in a rack 17 embodying a rod 13 supported horizontally as shown in Fig. 3.

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When it is desired to place a record 18 in, or take one out of an envelope 11, the particular envelope selected is lifted and held by the finger 16. The finger 16 is pushed slightly towards the hook 12 and under the pressure the edge or binding 15 thereon, being resilient, bows slightly as shown in Fig. 2 when the record can easily be taken out or replaced.

The hook 12 is preferably somewhat in the form of a keyhole the circular hole of which is elongated transversely as shown at 19. This shape prevents the displacement of the hook 12 from the rod 13 when pressed towards the latter to open the envelope 11.

The mouth 20 of the hook 12 may be made slightly smaller at the upper end 21 than the diameter of the rod 13 so that the hook 12 has to be snapped into place onto the rod 13 in the rack 16. This will prevent the envelope 11 becoming unhooked accidentally.

The envelopes 11 are made of transparent material so that any particular article therein can easily be recognised and selected from the stack of envelopes 11 in the rack 16. To make the filing easier, the bindings 15 of the envelopes may be made in different colours and their contents filed correspondingly.

What I claim as new and desire to secure by Letters Patent is:

1. A filing rack comprising a plurality of substantially rectangular envelopes made of thin sheet material, a horizontally mounted rod, suspension means secured to one corner of each envelope and pivotally engaging the rod to suspend the envelopes individually therefrom, and an opening in the top edge of each envelope.

2. A filing rack in accordance with claim 1 in which the suspension means is a hook.

3. A filing rack in accordance with claim 1 including a resilient binding bordering the opening in each envelope.

4. A filing rack comprising a plurality of substantially rectangular envelopes made of thin transparent synthetic flexible plastic sheet material, a horizontally mounted rod, an opening along one edge of each envelope, a resilient binding of flexible material bordering each opening, and a hook shaped extension of one end of each binding, said hook shaped extensions pivotally engaging the rod to suspend the envelopes therefrom.

5. A filing rack comprising a plurality of substantially rectangular envelopes made of thin transparent plastic sheet material, a horizontally mounted rod, an opening along one edge of each envelope, a resilient binding of flexible material bordering the opening in each envelope, and a hook shaped extension of one end of each binding, said hook shaped extension pivotally engaging the rod to suspend the envelope therefrom, and at the opposite end to the hook a projecting finger.

6. A filing rack as claimed in claim 5 having a hook formed from the combined two edges of the binding and said hook shaped with a circular hole elongated transversely and having an opening at right angles to said elongation.

7. A filing rack comprising a plurality of substantially square envelopes made of transparent synthetic plastic sheet material, a horizontally mounted rod, an opening along one edge of each envelope, coloured binding of flexible material bordering the opening in each envelope but of more resiliency than the envelope, and a hook shaped extension of one end of each binding, said hook shaped to pivotally engage the rod to suspend the envelope therefrom, and at the opposite end of the binding a projecting finger.

8. A filing rack comprising spaced support means, a rod horizontally disposed between said support means, a plurality of envelopes suspended from said rod, each

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of said envelopes formed of transparent synthetic plastic material and open along one edge only thereof to provide an access passage for the removal and replacement of articles therein, a flexible binding secured to the exterior surface of each envelope closely adjacent the open top edge and extending outwardly therefrom to provide at least one projecting end portion, said end portion including an elongated open sided aperture therein defining a hook portion, said hook portion shaped to engage said rod to suspend the envelope therefrom.

9. An envelope as defined in claim 8 wherein said binding comprises two flexible elongated strips each fixedly secured to the outer surface of the envelope on opposite sides of said open edge.

10. An envelope as defined in claim 8 wherein said binding includes projecting end portions extending beyond the top edge of the envelope, said portions being secured together in side-by-side relationship to define a self-closing access opening in each envelope and a rod engaging elongated aperture formed in at least one of said projecting end portions.

11. A filing rack for phonograph records including spaced support means, a horizontal rod disposed between said support means, a plurality of record envelopes suspended from said support rod at one end only of said envelopes, said envelopes including one open top edge portion, flexible binding means secured to the exterior side walls of each envelope closely adjacent the marginal

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open edge, said binding including terminal end portions extending longitudinally beyond the side edge of the envelopes and secured together only exteriorly of the side edges of the envelope to define a self-closing edge portion for the envelope support rod, engaging means in at least one of said terminal end portions of said binding whereby the envelope is angularly suspended from said supporting rod.

12. A filing rack as defined in claim 11 wherein the envelopes are formed of transparent synthetic flexible plastic material insufficient in itself to support the records contained therein.

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