

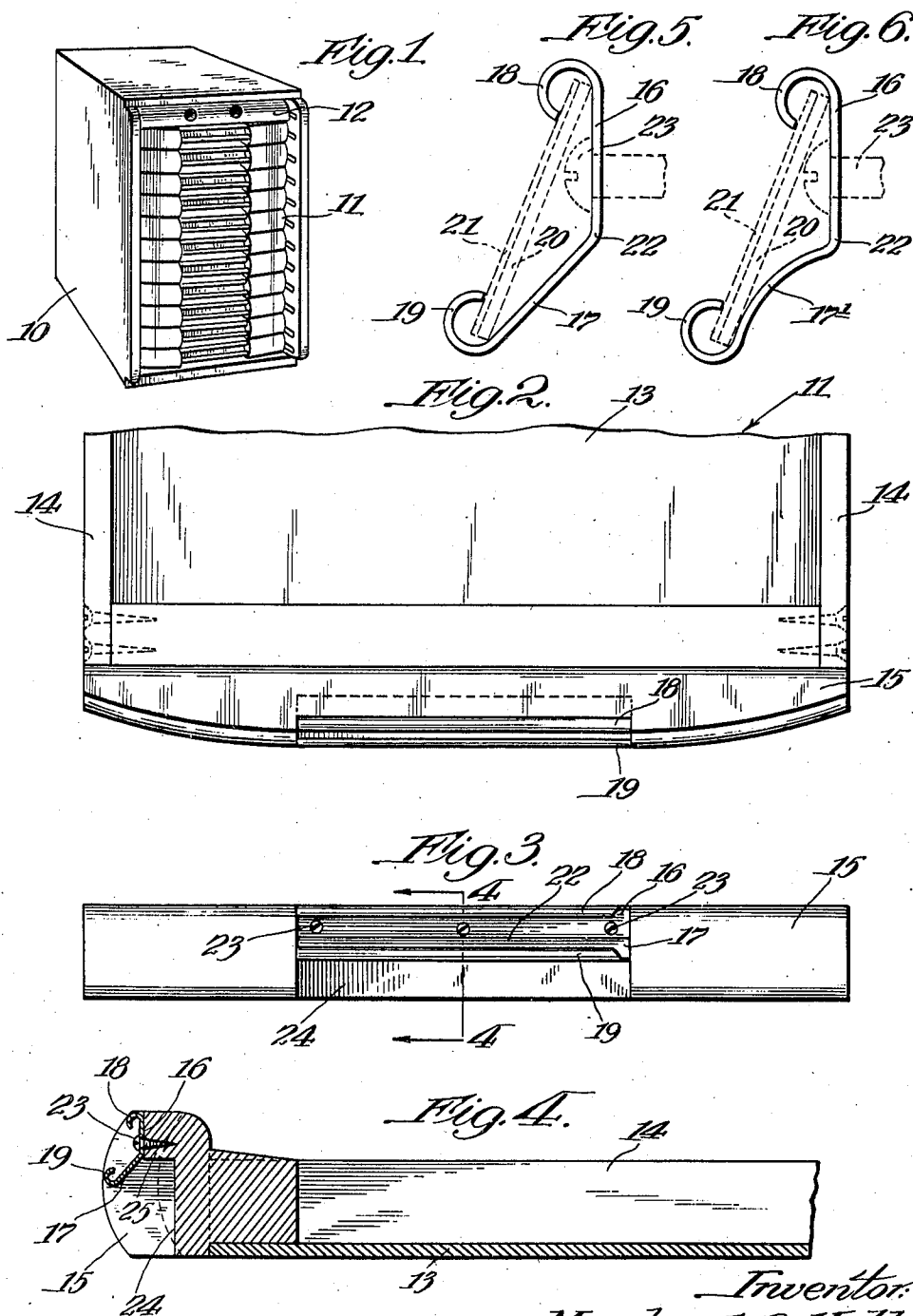
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M. B. HALL

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DRAWER OR TRAY FRONT

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Inventor:
Marchand B. Hall.
By Lee J. Gary
Attorney:

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DRAWER OR TRAY FRONT

Marchand B. Hall, Chicago, Ill., assignor to Acme Visible Records, Inc., Chicago, Ill., a corporation of Illinois

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9 Claims. (Cl. 40—8)

This invention relates to a new and improved label holder and the combination thereof in a unitary device with a drawer pull, and to the combination of said unitary device with the front of a drawer or tray.

Although my novel drawer pull is useful in connection with drawers of any nature, and the combination therewith of the label holder is particularly useful in connection with filing drawers of any nature, my invention is particularly adapted for use in combination with visible index record trays. These trays are relatively shallow and are adapted to carry a plurality of record cards or card holders in hinged overlapping relationship, or one line or multiple line index strips, a plurality of trays being slidably arranged and supported one above another in a cabinet. These trays are conventionally adapted to be drawn outwardly and extended downwardly over the face of the lower trays, and these cabinets are likewise often provided with doors which are adapted to be closed down over the front of the cabinet.

In cabinets of the foregoing class which conventionally employ label holding means on the fronts of the trays, suitable handles are required for withdrawing the trays which will not interfere with the withdrawal of adjacent trays and which will not damage or be damaged by the manipulation and downward extension of the trays or closure door. Conservation of space, employment of trays of maximum length and compactness of arrangement are also factors of importance in tray construction and particularly the construction of the tray fronts. The tray handles or pulls and the label holders must therefore be constructed and arranged with the foregoing in view.

In general my invention comprises the provision of a recess in the face of a drawer front, or more particularly in the front of a tray of the class hereinbefore described, and the mounting and seating within the recess of a unitary label holder and drawer pull, the entire unit being compact and wholly contained within the recess in a manner whereby the trays may be readily manipulated without interfering with or being interfered with by the label holder or drawer pull, the label holder being adapted to present a supported label in full and clear view at all times.

Other objects relate to details of construction and arrangement of parts which will be apparent from a consideration of the following specification and drawing which describe and

illustrate a visible index record cabinet and tray to which my invention is particularly adapted, although it will be understood that my invention and the details thereof may be employed

5 with drawers and trays of other nature and use. The drawing specifically illustrates the adaptation of my invention to the drawer or tray fronts of a tray cabinet, such as that shown in co-pending application Serial No. 461,775, which may be formed substantially wholly of wood.

Fig. 1 is a perspective view of a visible index tray cabinet the trays thereof embodying my invention.

Fig. 2 is a fragmentary plan view of a drawer or tray illustrating the front of the tray wherein my invention is embodied.

Fig. 3 is a front elevation of the tray shown in Fig. 2.

Fig. 4 is a section on the line 4—4 of Fig. 3.

Fig. 5 is a side elevation of one form of my unitary label holder and drawer pull.

Fig. 6 is a modified form of construction of my unitary label holder and drawer pull.

Referring to the drawing, reference numeral 25 10 indicates a visible index record tray cabinet wherein are slidably mounted and nested a plurality of trays generally indicated at 11 and a front closure door 12, the tray cabinet illustrated in Fig. 1 being more specifically shown, described and claimed in the aforesaid co-pending application.

30 These trays 11 are of relatively shallow depth comprising the bottom 13, side walls 14, front wall 15 and a rear wall, not shown. Although not necessarily restricted thereto the front wall portion 15 is preferably formed of wood and if desired may be of curvilinear contour in both a longitudinal and a transverse direction. It will, of course, be understood the invention is equally applicable to the use of a drawer or tray front having a straight front face, or other contour.

My unitary label holder and drawer pull may be formed of a strip of material preferably of an elongated strip of metal although other materials such as plastics and the like may be used. The form shown in Fig. 5 comprises an elongated strip of sheet material de-formed longitudinally thereof so as to provide a transversely foreshortened or angular section somewhat in the form of a V wherein the legs are spaced apart at an angle greater than 90°, the leg 16 being preferably substantially straight and adapted to be mounted in a vertically extending position with the leg 17 extending downwardly and inclined forwardly. The longitudinal de-

fining edges 18 and 19 of the unitary device are return bent to provide flanges for the engagement and reception of a label indicated at 20 and which may include the transparent protective window 21.

As illustrated in the drawing these flanges 18 and 19 do not extend in a plane parallel to the surface of the embraced or retained label, as is conventional, but rather these flanges are in-turned and preferably of semi-circular form in cross-section so that the ends of the flanges terminate perpendicularly to a common plane, or to the surface of the embraced label. Such arrangement and construction of the flanges is highly advantageous in the prevention of the engagement and breaking of finger nails of the user. For further convenience in insertion of the label 20 and protective member 21, the flanges 18 and 19 at one of their side edges may be partially cut away inwardly and angularly so as to expose a portion of the legs 16 and 17, and therewith form a convenient entrance opening.

Although in Fig. 5 I illustrate the unitary label holder and drawer pull wherein the body of the strip is divided into two legs of substantially equal length by means of the intermediate angular bend 22, the unit may for some purposes and particularly for the manner of mounting it hereinafter set forth be used in substantially planar form, although with lesser effect and benefit. Likewise instead of the angular formation illustrated in Fig. 5, the body of the whole between the flanges 18 and 19 may be arcuate in cross-section or otherwise de-formed to present a foreshortened transverse section, the foreshortened transverse section being preferred for the reason that it permits the mounting of the unit by means of a rounded head screw 23. The use of a round head screw illustrated which can be used when the label is not required to lie closely and parallel with the body of the label holder is preferable in that it does not require the countersinking of the mounting surface as would be required with the use of a flat head screw, and at the same time permits a more secure arrangement and better embracing engagement between a relatively larger under-surface area of the screw and the body of the unit.

As an illustration of a modified form of the label holder and drawer pull construction, Fig. 6 shows a unit similar in all respects to that illustrated in Fig. 5 with the exception that the downwardly and forwardly extending lower leg 17' is concave when viewed rearwardly for the purpose of increasing the finger receiving space and to better conform to the convex contour of the finger tips. It will be readily apparent that the downwardly extending legs 17 or 17' may be of further curvilinear or angular deformation, although generally extending downwardly and forwardly.

The tray front 15 is provided with a recess or surface depressed area 24 intermediate the length thereof, and with the shallow tray front illustrated, the depression or cut-out extends throughout the depth of the drawer, that is, from the upper to the lower longitudinal defining edges. Adjacent the top of the depressed surface area 24 and extending longitudinally thereof is a forwardly projecting ledge-like portion 25, the forward portion of the ledge terminating inwardly of the face of the tray.

The unitary label holder and drawer pull is secured to the ledge 25 by means of a plurality of screws 23 extending through the leg 16 of the

unit in a manner whereby the leg 16 extends vertically and lies against the forward face of the ledge 25, the lower leg 17 projecting downwardly and forwardly, lying wholly within the recessed portion of the tray front and in spaced relation to the bottom of the tray front. It is thus apparent that the downwardly extending and forwardly inclined leg 17 (or leg 17') provides a drawer pull by means of which the drawer may be manipulated by inserting the fingers within the recessed front of the tray and beneath the downwardly extending drawer pull portion.

It will be apparent from the foregoing that I have provided a compact and improved combination drawer pull and label holder unit which in further combination with the front of a drawer or tray in the novel manner shown and described results in the attendant advantages hereinbefore set forth and others which will be readily apparent.

I claim as my invention:

1. In a drawer having a recessed front wall portion, a forwardly projecting ledge within said recess adjacent the top thereof and a unitary label holder and drawer pull device mounted within said recess, the upper edge portion of said device being secured to the forward face of said ledge and the lower edge portion depending freely therefrom to permit finger ingress.

2. A drawer having a front formed with a downwardly stepped recess to provide a pair of parallel vertically extending spaced surfaces and a unitary label holder and drawer pull device mounted wholly within said recess, an upper edge portion of said device being secured to the forward one of said surfaces and a lower edge portion of said device depending freely therefrom in spaced relation to the rearward one of said surfaces and to the lower defining edge of the latter to provide a finger receiving pull portion.

3. In a drawer front having a recessed front wall portion, a forwardly projecting ledge within said recess adjacent the top thereof and a unitary label holder and drawer pull device mounted within said recess comprising a vertically extending upper leg secured to the forward face of said ledge and a downwardly and forwardly inclined leg providing a finger pull portion depending freely therefrom and terminating in spaced relation to the bottom of the recess.

4. In a drawer front having a recessed front wall portion, a forwardly projecting ledge within said recess adjacent the top thereof and a unitary label holder and drawer pull device mounted within said recess comprising a vertically extending upper leg secured to the forward face of said ledge and a downwardly and forwardly inclined leg providing a finger pull portion depending freely therefrom and terminating in spaced relation to the bottom of the recess, the upper and lower edges of said device being forwardly return bent to provide a pair of opposed flanges for the angular retention of a label therebetween.

5. A drawer having a recessed front wall surface area, a horizontally extending forwardly projecting ledge within said recess adjacent the top thereof and a unitary label holder and drawer pull device wholly contained within the resulting recess, the said unitary device comprising a substantially straight vertically extending upper leg secured to the forward face of said ledge and a downwardly and forwardly inclined lower leg in spaced relation to the lower recessed surface area and the base of the recess providing a rearwardly accessible finger receiving

pull portion, the longitudinal defining edges of said unit being formed with forwardly intumed flanges for the retention of a label therebetween.

6. A drawer the front wall thereof being formed with a recess to provide a recessed surface area, said recessed surface area comprising a forwardly projecting ledge extending longitudinally adjacent the top thereof and terminating inwardly of the drawer front surface, and a unitary label holder and drawer pull device comprising a vertically extending portion secured to the forward face of said ledge and a downwardly extending portion extending freely therefrom and in spaced relation to the lower recessed surface and the base of the recess to provide a finger receiving drawer pull, the opposed longitudinal edges of said device being formed with intumed flanges for the retention of a label therebetween.

7. A drawer having a recessed front wall surface area, a forwardly projecting ledge extending from said recessed wall adjacent the top of the surface area thereof and terminating inwardly of the drawer front surface, and a unitary label holder and drawer pull device wholly contained within the resulting recess, the said unitary device comprising a substantially straight vertically extending leg secured to the forward face of said projecting ledge and a downwardly and forwardly inclined leg in spaced relation to the recessed surface area and the base of the recess providing a finger receiving pull portion, the longitudinal defining edges of said unit being formed with internal flanges for the retention of a label therebetween.

8. A tray of the class described the front wall

thereof being provided with a recess extending intermediate the width thereof and throughout the depth thereof to provide a recessed surface area, said recessed surface area comprising a forwardly projecting ledge extending longitudinally adjacent the top thereof and terminating inwardly of the drawer front surface, and a unitary label holder and drawer pull device comprising a vertically extending portion secured to the forward face of said ledge and a downwardly extending portion extending freely therefrom and in spaced relation to the lower recessed surface and the base of the recess to provide a finger receiving drawer pull, the opposed longitudinal edges of said device being formed with intumed flanges for the retention of a label therebetween.

9. A relatively shallow tray of the class described, the front wall thereof being formed with a recess to provide a recessed surface area extending intermediate the width and throughout the depth thereof, said recessed surface having a forwardly projecting ledge extending longitudinally adjacent the top thereof, and a unitary label holder and drawer pull device wholly contained within the recess, said device comprising a strip of sheet material deformed longitudinally to provide a substantially straight leg, a leg extending angularly therefrom and intumed longitudinal edges to provide flanges for the reception of a label, said straight leg being secured to the front face of said ledge and said angularly extending leg extending downwardly and being inclined forwardly in spaced relation to the lowermost recessed wall area and the base of the tray front to provide a finger receiving drawer pull.

MARCHAND B. HALL.