Aug. 7, 1934. J. L. HARRINGTON 1,968,829

COMBINED DRAWER PULL AND LABEL HOLDER

Filed Aug. 26, 1933 2 Sheets-Sheet 1

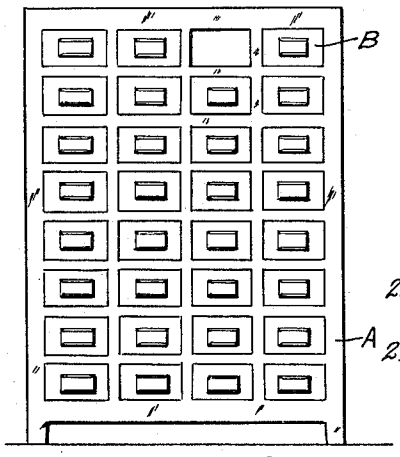
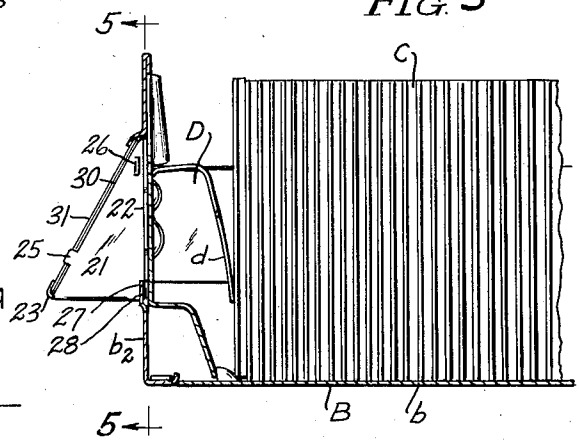



FIG. 1

FIG. 3



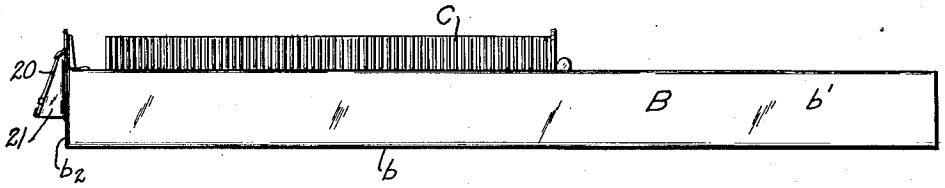




FIG. 2

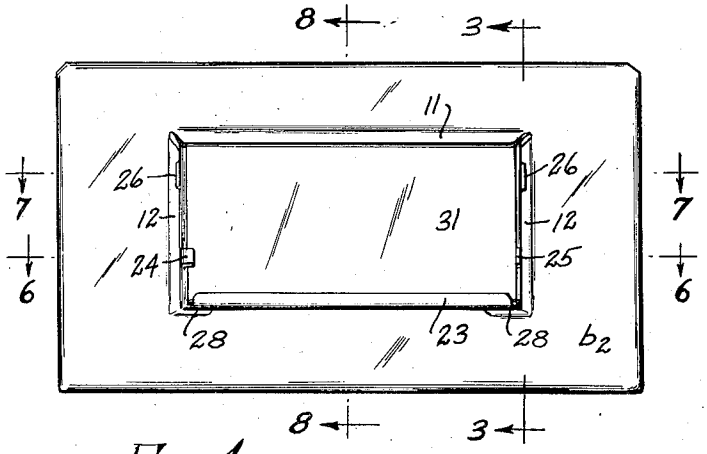



FIG. 4

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COMBINED DRAWER PULL AND LABEL HOLDER

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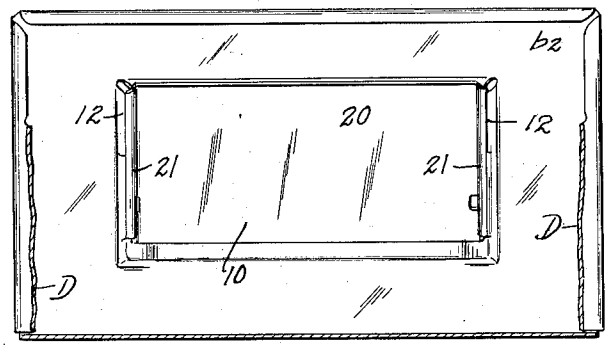



FIG. 5

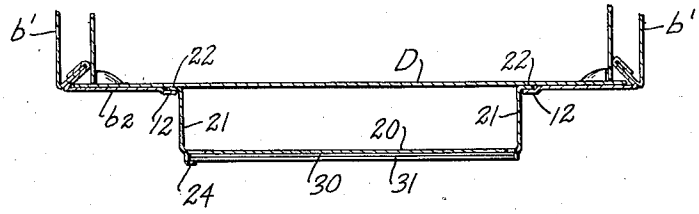



FIG. 6

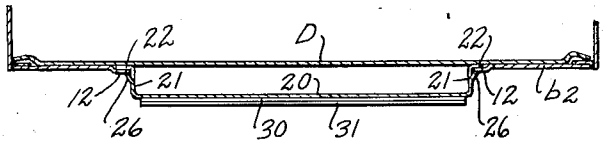



FIG. 7

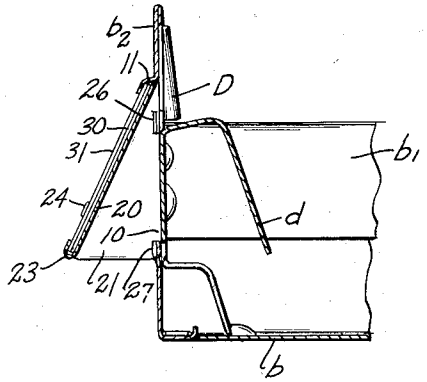



FIG. 8

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Patented Aug. 7, 1934 1,968,829

# UNITED STATES PATENT OFFICE

1,968,829

## COMBINED DRAWER PULL AND LABEL HOLDER

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Application August 26, 1933, Serial No. 687,003

13 Claims. (Cl. 45—7)

This invention relates to a combined drawer-pull and label holder adapted to be secured at the front end of a drawer to provide means whereby the drawer may be readily drawn out and the front end thereof supported for transportation, and whereby the label may be held in position where it may be very readily inspected, irrespective of the positions of the drawer in its cabinet.

The invention is especially well adapted for use with metal drawers adapted to hold items of considerable weight, as for instance, metal address plates. In the use of such a drawer, it is entirely removed from time to time from the storage cabinet and carried to an addressing machine into which the plates are discharged. The ordinary finger pull common on such drawers does not provide effective means for supporting the drawer by the hand at that end, so that it is customary for users to change the position of that hand when the drawer is partially extracted, resulting in the loss of time and danger of dropping the drawer, and if the drawer is dropped the ordinary finger pull is frequently bent out of shape. In contradistinction to this, my pull, by reason of particular construction, is extremely strong and stiff and forms an effective finger lift to enable the drawer to be readily supported at that end, and is not liable to be distorted even if the drawer were inadvertently dropped or banged against some object.

In the labeling system heretofore current, labels were held vertically on the front face of the drawer and could not be readily inspected when the drawer was filed near the bottom of the cabinet, and were liable to reflect the light and cause glare, interfering with the visibility of the label, when the drawer was filed in other portions of the cabinet. It is an object of my invention to provide the label holder so positioned on the drawer front that the label may be very readily seen on the lower drawers in the cabinet, as well as the upper drawers, and the troublesome glare avoided.

I attain the desired universal visibility of the label in conjunction with a strong and firm drawer pull by making this pull in the form of a flat plate inclining downwardly and forwardly from the upper portion of the drawer front and rigidly connected with such front by triangular end portions, means being provided for holding the label on such flat plate. The triangular end portions are preferably integral with the flat frontal portion and extend normal thereto, and are effectively secured to the drawer front. I form the inclined plate portion with a bent-over lower edge, which reinforces and stiffens the plate and rounds it where it is engaged to make it most suitable for a drawer pull and at the same time provide a retaining ledge for the lower edge of the label which is held on the face of such plate.

My invention comprises the combination of the above features, as hereinafter claimed, by which I attain the combined result of an effective drawer pull and label holder. It includes also the more specific embodiment thereof shown in the drawings hereof and hereinafter explained in detail.

In the drawings, Fig. 1 is a front elevation of a cabinet containing drawers having my combined pull and label holder on their front ends; Fig. 2 is a side elevation of such drawer, illustrating also a number of address plates stacked therein; Fig. 3 is a vertical section through the forward portion of the drawer on line 3—3 on Fig. 4; Fig. 4 is a face view of the drawer front, showing my drawer pull and label holder in front elevation; Fig. 5 is an interior elevation of the drawer front, the bottom of the drawer being shown in section and the lining of the front broken away; Figs. 6 and 7 are horizontal sections through the drawer front and label holder, as indicated by the lines 6—6 and 7—7 in Fig. 4; Fig. 8 is a vertical section through the drawer front and label holder in a plane indicated by the line 8—8 on Fig. 4.

In the drawings, "A" indicates any suitable filing cabinet for drawers; "B" a number of drawers slidably mounted therein, as in ordinary use. Figs. 2 and 3 indicate at "C" address plates standing on edge in the drawer, behind a suitable liner "D", secured against the inner face of the drawer front and having spring tongues $d$, adapted to bear against the foremost address plate. The drawer is shown as having the bottom $b$, side walls $b'$ and a vertical front $b^2$, all formed of sheet metal and rigidly connected together. The parts described in this paragraph are in common use and illustrate a construction to which the present invention may be applied, as about to be described.

In the present invention the drawer front $b^2$ is formed with a rectangular opening 10 in its intermediate area some distance in from the side edges and the top and bottoms of the drawer front. The long dimension of the opening is horizontal. Above this opening the drawer front is bent outwardly in the form of a lip 11, extending diagonally downwardly a short distance. At the sides of the opening, the front is slightly offset forwardly in narrow vertical zones indicated at 12.

The drawer pull proper comprises a plate 20

with its upper edge extending behind the lip 11, and with its ends bent rearwardly to provide triangular portions 21 normal to the portion 20, these triangular portions at their extreme inner ends being flanged outwardly as shown at 22. On each of the triangular portions is an ear 26, which is adapted to bear against the outside of offset zone 12. Also, there is on each triangular portion at the bottom corner, a notch 27, whereby the triangular portion 21 is allowed to extend below the corner offset region 28, and these notches, together with the ear 26, prevent the drawer-pull from moving inwardly with respect to the drawer front. The two flanges 22, which occupy the recesses behind the forwardly offset zones 12, cooperate with ears 26 and notches 27 to firmly retain the drawer-pull in position on the front of the drawer frame. If desired, the adjoining faces of the two parts may be electrically welded or brazed together. The lower edge of the intermediate portion 20 of the drawer pull is bent forwardly and upwardly to provide a lip 23 parallel with the portion 20 and a slight distance in front thereof.

The construction described provides a drawer pull behind which the operator may readily insert several of his fingers to extract the drawer, and may also readily support that end of the drawer and the load carried by it by such inserted fingers, without requiring change of their position, as the rounded lower edge of the pull front bears easily on the fingers. The drawer pull, by reason of its triangular ends rigidly connected to the drawer front, is very firm and is not liable to distortion in case of a blow against it.

The overhanging lip 23 at the base of the pull portion 20 in conjunction with the drawer-front lip 11, which lies a slight distance in front of the upper part of the plate portion 20, provides an effective guideway for a label adapted to rest against the plate 20. Such label may readily be a paper card indicated at 30, and it may be surmounted by a transparent piece of celluloid or similar material 31. Each of such members slide readily behind the overhanging lips 11 and 23.

To prevent longitudinal shifting of the label and its transparent cover, I provide a lug 24 cut out of the front portion 20 at one end and raised slightly above the plane of that portion and bent parallel with it toward the other end for a short distance, so as to overhang the label and its cover, as shown in Fig. 4. At the other end, I provide a suitable stop 25, which is also cut out from the drawer pull face 20 and is turned normal thereto for a distance corresponding to the thickness of the label and its cover but does not have the overhang present in the lug 24.

In the construction described, the label and its cover may be readily inserted at one end of the drawer pull beneath the longitudinal lips 11 and 23 and over the stop 25, and shoved into position until the label and its cover lie behind the bent lug 24 at the other end. At that time the inserted parts will have passed beyond the lug 25 and will lie flat against the face of the drawer pull between the two lugs. The label and cover will thus be held against shifting in any direction. The label may be readily changed, however, whenever desired, by slightly raising it at the end adjacent the lug 25, as by insertion of a pen knife or one's finger nail beneath the label, and thereupon the label and its cover may be readily shoved out over the lug 25.

It will be seen that the construction is simple, strong and durable, and presents a very neat appearance. It is very effective as a drawer pull and support for the withdrawn drawer, and holds the label in such position that those adjacent the bottom of the cabinet may be much more readily inspected than if they were vertical, and those in other portions of the cabinet are less liable to reflect the light in a way to interfere with their legibility.

I claim:

1. The combination of a drawer having a front, a pair of vertical zones forwardly offset from the face of the drawer front, and a drawer pull comprising a front portion and triangular end portions leading inwardly from the front portion and having outwardly flanged ends which lie behind the forwardly offset zones of the drawer front and are there secured.

2. The combination of a drawer having a horizontally extending forwardly inclined lip, and a drawer pull having a metal front plate extending behind said lip and having inwardly bent end portions with outwardly bent flanges which lie behind the drawer front and are secured thereto.

3. The combination of a drawer having a sheet metal front, a lip bent forwardly from the front of the drawer, a drawer pull secured to the drawer front and having its lower edge bent forwardly and upwardly to provide a lip, the lips of the drawer front and drawer pull being a short distance from the front of the drawer pull face and providing retaining means for a label resting against such drawer pull face.

4. The combination of a drawer having a front with forwardly offset vertical zones spaced apart and an inclined horizontally-extending lip, and a drawer pull having a metal front plate extending behind said lip and having inwardly bent end portions with outwardly bent flanges which lie behind said offset zones, the lower edge of said front plate of the drawer pull being bent forwardly and backwardly to overlie the front of the drawer pull a slight distance from it, said bent-over edge together with the inclined portion of the drawer front cooperating to overlie the bottom and top edges of a label resting on the drawer pull face.

5. The combination of a drawer having a metal front with a rectangular opening through it, the metal of the drawer front at the top of the opening being bent to project forwardly and downwardly at an inclined direction, a drawer pull comprising a sheet of metal having an inclined front face and triangular end portions normal thereto and flanges at the inner edges of the end portions, said end portions extending through the rectangular opening with the flanges behind the drawer front, the upper portion of the pull front extending back of the inclined lip of the drawer front, the lower edge of the drawer pull being bent forwardly and then upwardly parallel with the face of the drawer pull, whereby a label slideway is provided along the face of the drawer pull and behind the two ledges.

6. The combination of a drawer having a front with a rectangular hole, a drawer pull comprising a front portion and triangular end portions leading inwardly from the front portion, said triangular portions having ears to abut the outside of the edges of said hole and outwardly flanged ends to lie behind the edges of said hole and retain the drawer pull on the drawer.

7. The combination of a drawer having a front, a pair of vertical zones forwardly offset from the face of the drawer front, and a drawer pull comprising a front portion and triangular end por-

tions leading inwardly from the front portion, said triangular portions having ears to abut the outside of said offset zones and outwardly flanged ends to lie behind said offset zones and retain the drawer pull on the drawer.

8. The combination of a drawer having a front, and a drawer pull comprising a frontal portion and triangular end portions leading inwardly from the frontal portion, said triangular portions having ears to abut the outside of said drawer front and having notches at their lower ends overlying the bottom drawer front, said end portions having flanged ends which lie behind said drawer front and retain the drawer pull on the drawer.

9. The combination of a drawer having a metal front with a rectangular opening through it, the metal of the drawer front at the top of the opening being bent to project forwardly and downwardly, a drawer pull comprising a sheet of metal having an inclined front face and triangular end portions normal thereto, ears extending outwardly near the upper end of the end portions, notches at the bottom corner of the end portions adapted to overlie the edges of the rectangular hole and outward flanges at the inner edges of said end portions, said end portions extending through the rectangular opening with the flanges behind the door front and the ears and notched portion abutting the outside of the door front, the upper portion of the pull front extending back of the inclined lip of the drawer front.

10. The combination of a drawer having a front with an opening in it and with a downwardly and forwardly extending lip formed by turning outwardly the material of the front at the top of the opening, and a drawer pull having a front plate extending at its upper edge behind said lip and having an overhanging lip along its lower edge and end portions securing said plate to the drawer front.

11. The combination of a drawer having a metal front, a metal drawer pull comprising a front plate and end portions bent backwardly from the front plate and secured to the drawer front, the lower edge of the drawer pull being bent forwardly and upwardly to provide a lip overlying the front plate, and the drawer front having a downwardly extending lip overlying the front plate of the drawer pull, both of said lips standing a short distance in front of the face of the drawer pull, whereby a slideway is provided for a label on the face of the drawer pull and behind the overhanging top and bottom lips.

12. The combination of a drawer having a front with an opening through it the edge of which is horizontal at the top and vertical at the sides, the front being formed at the top of the opening with a forwardly and downwardly extending ledge, and a drawer pull comprising a front face and end portions and flanges at the rear end of the end portions, said end portions passing through the opening in the drawer front and said flanges extending behind the drawer front at the sides of the opening, the upper portion of the pull front extending back of said ledge of the drawer front.

13. The combination of a drawer having a metal front with a rectangular opening through it, the metal of the drawer front adjacent two vertical sides of the rectangular opening being offset forwardly, the metal at the drawer front at the top of the opening being bent to form a forwardly and downwardly extending ledge, and a drawer pull comprising a sheet of metal having a front face and end portions and flanges at the rear of the end portions, said end portions passing through the rectangular opening and said flanges extending behind the drawer front at the sides of the opening and occupying said forwardly offset zones, the upper portion of the pull front extending back of said ledge of the drawer front.

JOSEPH L. HARRINGTON.