

Oct. 6, 1931.

E. OHNSTRAND

1,826,671

LABEL HOLDER

Filed Nov. 15, 1927

2 Sheets-Sheet 1

Fig. 1

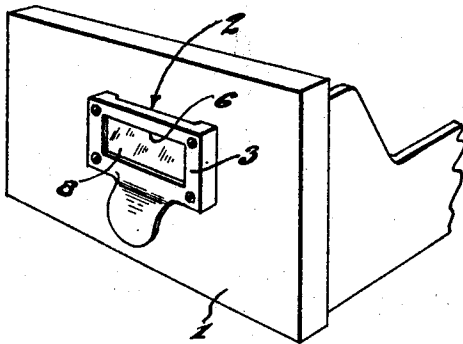


Fig. 4

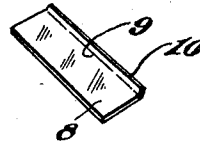


Fig. 2

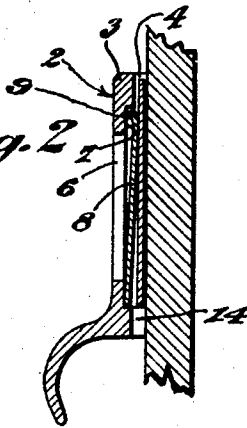


Fig. 3

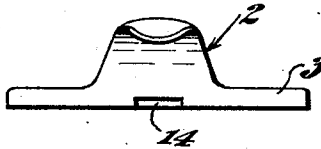
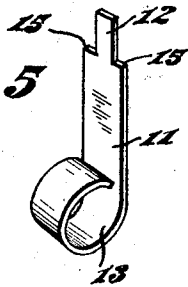


Fig. 5



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2 Sheets-Sheet 2

Fig. 6

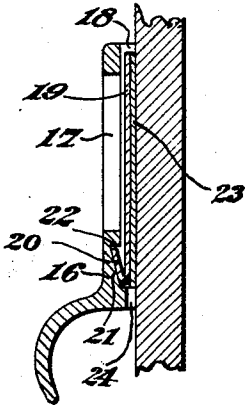


Fig. 7

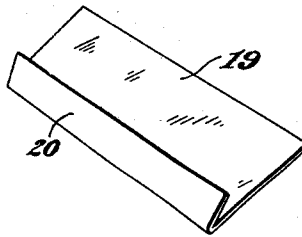


Fig. 11

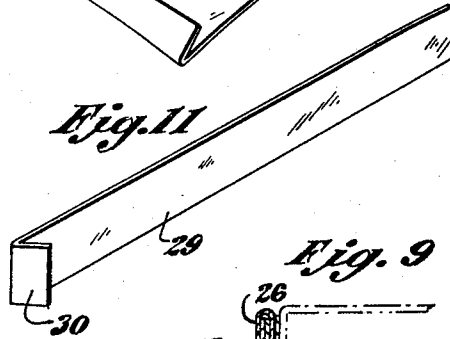


Fig. 8

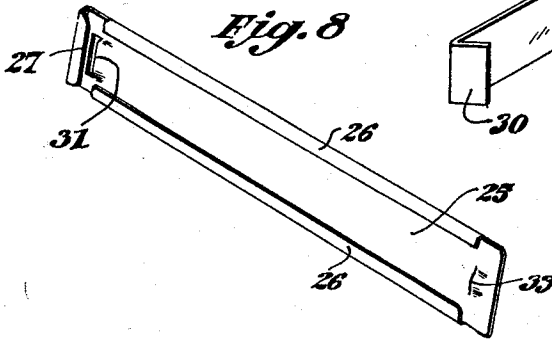


Fig. 9

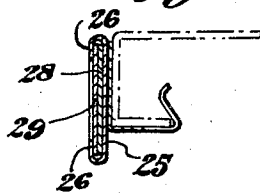


Fig. 10

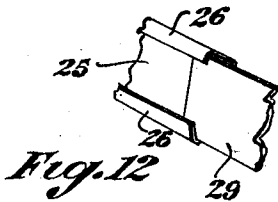
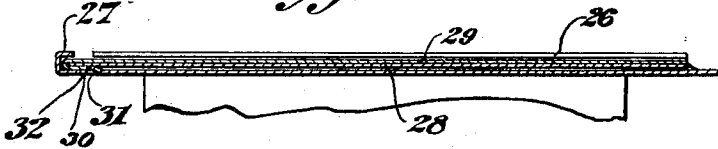


Fig. 12

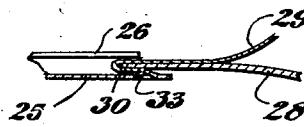


Fig. 13

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UNITED STATES PATENT OFFICE

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LABEL HOLDER

Application filed November 15, 1927. Serial No. 233,433.

This invention relates to improvements in label holders for filing equipment such as file cabinets, trays and the like and other equipment where labels are used, such as library stacks and the like.

In public libraries and other places where records are filed and available for access to the public, and especially where children have access to the files, it has been found in numerous instances that the labels are removed from the holders and interchanged with labels from other holders, as a result of which considerable confusion has resulted in the filed matter through improper positioning of the labels.

This invention is designed to overcome such difficulties by providing concealed retaining means for the label which is not readily accessible for inter-change of the labels to persons not authorized to change such labels.

The invention is further directed to the construction of a label holder in which suitable means is provided for retaining the label in the holder against withdrawal except with the use of a special instrument provided to release the label from the means which retains it in position.

A further object of the invention resides in providing a label holder having a suitable transparent label protecting member for preventing displacement of the label while in the holder which has portions adapted to engage the label and prevent it from removal from the holder under ordinary conditions, the label being removable only with the aid of the special removing instrument.

A still further object of the invention resides in providing a label holder in which a suitable protector element normally retains the label in position in the holder and which permits removal of the label through the use of a special instrument, the retaining member requiring an operation independent of that for removing the label for disengaging the retaining element from the label holder.

The invention comprehends numerous other objects and advantages which reside in the special construction and assembly of the parts which are more particularly pointed

out in the following detailed description and claims, directed to a preferred form of the invention, it being understood however that various changes may be made in the relation of the parts without departing from the spirit and the scope of the invention as herein set forth.

In the drawings forming part of this application:

Fig. 1 is a perspective showing the front portion of a file drawer with one of the improved label holders attached thereto.

Fig. 2 is a vertical transverse sectional view through the central portion of the holder shown in Fig. 1.

Fig. 3 is a bottom plan view of the holder.

Fig. 4 is a perspective of the protector and retaining member.

Fig. 5 is an enlarged detailed perspective of the label removing instrument.

Fig. 6 is a vertical central section through a label holder similar to that shown in Fig. 1, in which the interlocking of one retaining element of the holder is obtained through a slightly different construction.

Fig. 7 is a perspective of the retaining element shown in Fig. 6.

Fig. 8 is a perspective of another form of label holder more particularly adapted for use on library stacks but incorporating the locking feature of the invention.

Fig. 9 is a vertical sectional view through the label holder shown in Fig. 8.

Fig. 10 is a longitudinal sectional view through the label holder shown in Fig. 8 showing the label and retaining element in locked position.

Fig. 11 is a perspective of the retaining element used in the structure shown in Fig. 8.

Fig. 12 is a detailed perspective showing the position in which the retaining member used in Fig. 8 is held against complete detachment from the label holder but which permits removal of the label.

Fig. 13 is a longitudinal section through the structure shown in Fig. 12.

A drawer for suitable filing equipment or the like is illustrated at 1 in Fig. 1 on the front portion of which is secured the label holder forming the subject matter of this in-

vention, which is generally indicated at 2. This label holder includes a body member 3 which is recessed on the rear face as indicated at 4 to provide a pocket for receiving a label 5 when it is attached in assembled relation on the drawer 1. The recess 4 opens through the upper edge of the body member as illustrated in Fig. 2, to permit insertion and removal of the label in the holder.

The body member 3 is provided with an opening 6 extending through the front portion thereof and of substantial size for the purpose of displaying the major portion of the label. The body member is also recessed as indicated at 7 in Fig. 2 around the opening 6 to accommodate the projecting and retaining element 8. This protecting and retaining element is preferably in the form of a sheet of celluloid or the like which is transparent, for the purpose of displaying the label through the opening 6 and at the same time preventing marking of the label while it is disposed in the holder. This celluloid sheet 8, as illustrated in Figs. 2 and 4, is creased adjacent the upper edge as indicated at 9, to form the angularly extending edge portion 10. When the retaining member 8 is mounted in the holder as illustrated in Fig. 2, the upper and lower edges seat in the recessed portions 7 in which said member is retained through cooperation with the body member 3. The retaining member 8 in assembled relation in the holder is normally under tension so that the angular edge 9 will force the creased portion 10 of the member inwardly to engage the label 5 and retain it in frictional engagement with the drawer 1 through the natural resiliency of the material. Insertion of the label into the holder compresses or tensions the member 8 in addition to its normal tension and applies a substantial gripping power on the label to retain it in the holder. The retaining member is formed so that it will not interfere with the insertion or removal of the label and to this end presents no edge portions within the label receiving portion of the holder in its normal position in the holder. As a result of this construction of the parts, it should be readily apparent that when the label is entirely housed by the plate member 3 it cannot be manually removed from the holder. Engagement of the fingers through opening 6 with the retaining member 8 and the exertion of the upward movement thereon will not move the holder or the retaining member in view of the locking cooperation of the retaining member in the recess 7 of the plate member. While the upper edge of the label terminates just below the upper edge of the body member 3, insertion of an instrument into the recess 4 from the upper edge of the body member will not permit sufficient purchase to be obtained on the label to overcome the retaining action of the holding member.

For the purpose of removing the label from the holder, a special instrument, shown in Fig. 5, is provided which is formed of a strip of sheet material, indicated at 11, having a tongue 12 of less width extending from one end, and having the opposite end formed into the circular finger receiving portion 13. With this instrument, the label may be easily removed by inserting the tongue 12 through the slot 14 formed in the bottom of the body member 3 at the inner face thereof, which communicates with the recess 4. This tongue will engage the lower edge of label 5 and move the same upwardly until a substantial portion on the upper edge of the label projects above the holder 2 so that it may be manually grasped and removed from the holder. The insertion of the instrument 11 into the holder is limited by engagement of the shoulders 15, formed at the end portion of the strip 11 provided with tongue 12, with the bottom edge of body member 3. In order to remove the retaining member, it is necessary to remove the body member 3 from the front of the drawer 1 or depress the angularly extending edge portion 9 so that it will pass outwardly through the upper end of recess 4, which requires the use of some special instrument similar to that shown in Fig. 5 for forcing both the upper and lower edges into the recess 4 so that the instrument 11 may be inserted through slot 14 for engaging the lower edge of the retaining member to force it upwardly for projecting the upper edge above the plate member 3. It is preferable to remove the body member from the drawer.

With particular reference to Figs. 6 and 7, a label holder of similar form is indicated at 16 which has a display opening 17 formed therein, communicating with the recess 18 in the rear face of the holder which slidably receives the label. In this construction, the recess 18 is formed of such a size that it will also slidably receive the label retaining member 19. This label retaining member 19 is formed with an angularly extending edge portion 20 which is turned substantially back upon the body portion of member 19 and normally extends in an acute angular relation thereto. This angular edge portion 20 is adapted to engage and seat in the groove 21 formed in the holder 16 so that the outer edge of the portion 20 will engage the shoulder 22 and effectively lock the retaining member in the holder. The instrument shown in Fig. 5 is also useful in removing the label 23 from the holder, through insertion in the slot 24 formed in the bottom portion and communicating with recess 18, in the same manner as above described in connection with the construction shown in Figs. 1 and 2. The label may be re-inserted into this holder and will be effectively retained therein against removal except through the use of an instrument such as that shown in Fig. 5 or the equivalent

thereof. The angularly extending edge portion 20 normally acts through its resiliency when compressed toward the body portion by the retaining member to hold said body portion in engagement with the label for effectively retaining the label in the holder. This edge portion 20 also cooperates with the holder to lock the retaining member in the holder independently of the label.

With particular reference to Figs. 8 to 13 inclusive, there is indicated a different form of holder which consists of a sheet metal plate 25 having over-turned flanges 26 at the upper and lower edges and the flange 27 on one end edge. These flanges 26 and 27 form guide-ways for slidably receiving a label 28 which is inserted from one of the holder. A transparent retaining member 29 having an angularly extending end portion 30 is adapted for insertion over the label and with one end of the label extending between the angular end portion and the body of the strip so that when the label and the retaining member are fully inserted in the label holder as shown in Fig. 10, the angular end portion will lie against the plate 25 while the folded end of the retaining member will engage under the flange 27. In this position, the end portion 30 will engage behind the up-struck lug 31 and effectively lock the label and retaining member in the holder. With the parts in this position and the label holder applied to a library stack or other filing device, the lug 31 will be concealed from view so as to prevent detection of the locking means by the ordinary observer. The plate 25 is formed with an opening 32 adjacent the lug 31, as illustrated in Figs. 8 and 10, to permit the insertion of an instrument for disengaging the end 30 from the lug 31 to permit removal of the label and the retaining member from the position shown in Fig. 10. Upon the withdrawal of the retaining member from the position shown in Fig. 10, the end 30 will ride against plate 25, and as it reaches the opposite end portion prior to complete detachment from the label holder, the end 30 will engage the upwardly extending lip 33 while the end portion remains in engagement with the flanges 26. This will prevent complete detachment of the retaining member from the label holder as shown in Figs. 12 and 13 but will permit the removal of the label so that it may be renewed or interchanged with other labels. In order to detach the retaining member from the label holder, a second operation is necessary, which requires raising of the end 30 so that it will pass the lip 33. This lip 33 is also positioned so that it will normally engage the end of the label when completely inserted in the holder, as well as the end of the retaining member, and aid in preventing detachment from the holder. In this construction, the use of the lip 33 will also aid in concealing from unau-

thorized persons the use of the other retaining means for the label and retaining member and thereby discourage attempts to remove the label.

In each of the above constructions, it will be noted that a transparent retaining member is employed which has interlocking cooperation with the label holder and which receives the label and prevents frictional engagement therewith to normally retain the label against removal from the holder except through the use of the special removing instrument. The retaining member and the holder also cooperate so as to require a separate operation from that of removing the label for the purpose of removing the retaining member from the holder.

What is claimed is:

1. A label holder comprising a member formed with a label receiving recess, a label, a transparent sheet superimposed over the label, and cooperating means on the sheet and member adapted for locking inter-engagement upon the insertion of the transparent sheet and label in the recess of the member.

2. A label holder comprising a holder member formed with a label receiving recess and a locking portion, a label, a transparent sheet superimposed over the label, and resilient means on the sheet adapted for locking engagement with the locking portion when the sheet and label are inserted in the recess of the member, said resilient means both retaining the sheet in the holder member and resiliently retaining the label against removal therefrom.

3. A label holder comprising a member formed with a label receiving recess and a label displaying opening, a label inserted in the recess and visible through the opening, a transparent sheet coextensive with the label and inserted in the recess to cover the label, and cooperating parts on the member within the recess thereof and on the sheet adapted for interlocking engagement to retain both label and sheet in the member, said cooperating parts engaging within the recess and concealed from view through the label displaying opening.

4. A label holder comprising a member formed with guideways for slidably receiving and retaining a label therein, a label retainer slidably inserted in said guide-ways and formed for co-operation with said member to normally prevent detachment of said retainer and to normally prevent manual disengagement of a label from the member, said member being formed to permit insertion of an instrument to disengage a label therefrom and from said retainer, said retainer being formed for cooperation with the member to prevent disengagement thereof with the label, and disengageable only after a predetermined manipulation thereof relative to the member.

5. A label holder comprising a member formed with guideways for slidably receiving and retaining a label therein, and a label retainer formed of sheet material having one edge portion extending in angular relation to the remaining portion and adapted to flex relative thereto, said angular edge portion being normally concealed by the label and said member, said member having a rigid locking projection and said angular edge portion flexing to permit insertion into said member and resiliently projecting into engagement with said projection to lock said retainer in said holder for normally retaining said label in the holder against manual removal.

6. A label holder, comprising a member formed with guideways for slidably receiving opposite edge portions of a label to expose one side of the label to view, said member having a locking shoulder, and a transparent sheet superposed over said label and slidably mounted in said member, said sheet having a flexible angularly extending edge portion engaging with said shoulder to lock said sheet and label in said member against manual removal, said member and label concealing said shoulder and angular edge portion.

7. A label holder, comprising a member formed with guideways for slidably receiving and retaining a label, and a label protector and retainer formed of transparent sheet material superposed over said label and having one edge portion formed to extend in angular relation to the remaining portion of the sheet, said angular edge portion being normally concealed by the label and said member, and having locking cooperation with said member for retaining said label normally in said member against manual removal.

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