Nov. 11, 1930. H. V. MITCHELL 1,781,070

INDEX DEVICE

Filed July 26, 1929

Fig. 1.

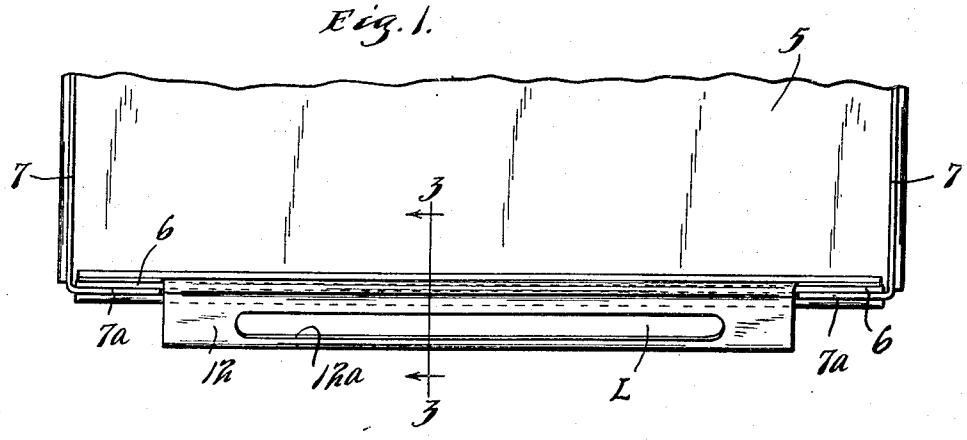


Fig. 3.

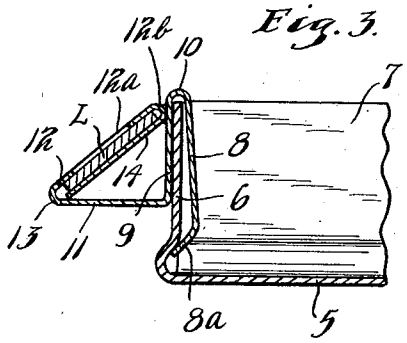


Fig. 2.

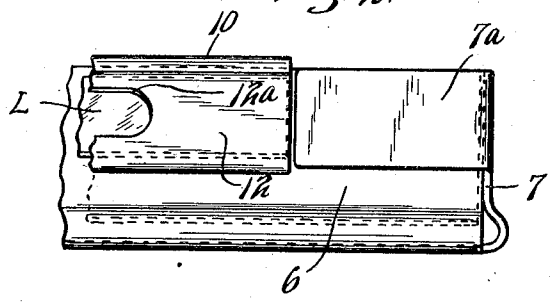
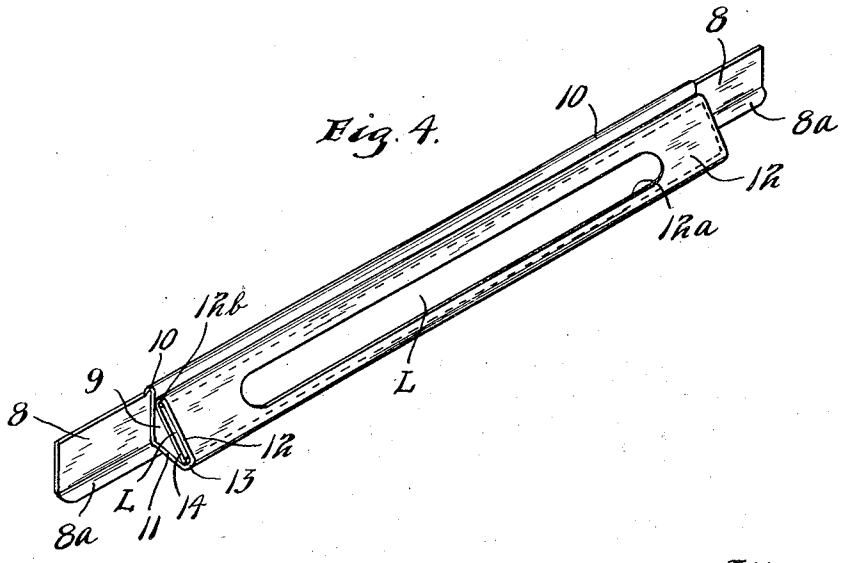


Fig. 4.



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UNITED STATES PATENT OFFICE

HARRY VERLIN MITCHELL, OF DANVILLE, ILLINOIS, ASSIGNOR OF ONE-HALF TO ROBERT C. DENNETT, OF FREEPORT, NEW YORK

INDEX DEVICE

Application filed July 26, 1929. Serial No. 381,350.

My invention relates to index devices and more particularly to devices for visibly holding index cards or labels in connection with drawers, files, file cards and plates or the like.

It is an object of my invention to provide an improved and efficient index device which is simple in construction and therefore, adapted for manufacture at low cost, which may be quickly and easily applied to drawers, partitions, files and other filing or classification equipment.

A further object is to provide an index device adapted to hold a classification card or label and formed from an integral piece of material so constructed as to yieldingly engage the front wall of a drawer, plate or partition and hold the card or label at an angle to make the same readily visible.

While I conceived my index device especially for use with standard racks, drawers, or standard galleys for holding type in printing establishments, it will be apparent from the following description that my invention is equally applicable for use on drawers of all types and for use on dividing partitions, classification cards and files.

The foregoing and other objects will be apparent from the following description made in connection with the accompanying drawings in which like reference characters refer to similar parts throughout the several views, and in which,

Fig. 1 is a top plan view showing an embodiment of my invention applied to the forward end of a standard rack or drawer for holding printers' type.

Fig. 2 is a fragmentary and front elevation of the same;

Fig. 3 is a cross section taken on the line 3—3 of Fig. 1; and

Fig. 4 is a perspective view of my index device detached.

A type galley drawer or rack of common construction is illustrated in the drawings, comprising a flat bottom 5, a vertical front wall 6 and vertical side walls 7 having projecting forward portions 7^a inturned and lapped over the adjacent portion of front wall 6 and spot welded or otherwise secured thereto.

My index device is preferably constructed from a single sheet of suitable material, such as metal or heavy celluloid which has some degree of resiliency and which nevertheless may be bent or formed to substantially hold its shape. The device comprises a narrow, elongated clamping back 8 which may have its lower free edge 8^a turned slightly outwardly or forwardly, said back being integrally connected at its upper portion with a vertical cooperating clamping portion 9 adapted to engage the front or outer surface of a drawer wall, partition or file, the metal or other material being bent along a rounded edge 10. A horizontal portion 11 is bent at substantially right angles to portion 9 and connects the card or label holding portion with the clamping portion of my device. The label holding portion comprises an inclined upper portion 12 bent from horizontal connecting portion 11 along a rounded edge 13 and having a longitudinally extending relatively large viewing aperture 12^a therein. The upper edge of portion 12 extends to substantially the upper edge of front clamping portion 9 forming with portions 9 and 11 a channel of triangular cross section. A portion 14 is bent downwardly from the upper edge of portion 12 extending substantially parallel with portion 12 and forming therewith a pocket for the reception of the label or indicating card L, said portion 14 extending substantially to the horizontal connecting portion 11. If desired, the uper edge 12^b of the pocket so formed my be soldered or otherwise secured to portion 9, below the upper rounded edge 10, although this is not necessary.

The back clamping portion 8, as shown, is preferably longer than the other portions of the device engaging a considerable area of the drawer wall or sheet and where the device is used on a drawer, as illustrated in the drawings, may be made to snugly fit within the side walls 7, thus assisting in preventing longitudinal displacement of the device upon the wall of the drawer. When used with a galley rack or other tray or wall having spaced abutments adjacent the sides thereof, such as the shoulders provided by the turned

extremities 7ª, the outwardly projecting portion of the device, including the cooperating clamping portion 9 is preferably constructed to just fit between said opposing shoulders, further serving to prevent longitudinal displacement of the device upon the front wall of the tray or drawer.

It will be seen that label cards or strips of paper or other material having classification indicia thereon may be easily inserted in the pocket provided by portions 12 and 14 from one end thereof, the indicia being exposed to view through the apertured portion 12ª and the label or strip being held at an inclined angle to the front wall of the drawer or tray to facilitate reading thereof. The device may be quickly attached to the wall of a drawer or tray or to a sheet by frictionally slipping cooperating elements 8 and 9 over the upper edge of the article, members 8 and 9 yieldingly clamping the device in operative position.

When my device is applied to the front wall of a tray or drawer the projecting ends of member 8 prevent longitudinal displacement of the device.

From the foregoing description it will be seen that I have invented a very simple but highly efficient index device capable of wide application, and presenting a neat and ornate appearance. The device is bent or formed from a single sheet or strip of suitable material and obviously may be manufactured at low cost. Labels or identification slips may be quickly inserted within the pocket provided by portions 12 and 14 of the device.

It will, of course, be understood that various changes may be made in the form, details, arrangement and proportions of the parts without departing from the scope of applicant's invention.

What is claimed is:

1. An index device constructed from a single piece of sheet material comprising a clip element of substantially inverted U-shape cross section and adapted to engage the edge of a wall, a connecting element extending outwardly from said clip element and a label holding element extending upwardly from said connecting portion and inclined relatively thereto, the upper edge of said label holding member being disposed in juxtaposition to the upper edge of said clip element, and comprising inner and outer plates spaced apart to receive a label.

2. An index device constructed from a single piece of sheet material comprising a clip element of inverted U-shape in cross section adapted to engage the edge of a wall, a connecting portion extending substantially at right angles to the lower edge of said clip element and projecting outwardly therefrom and a label holding pocket formed by bending the outer portion of said piece of material inwardly, the bent edge extending parallel and in juxtaposition to the upper portion of said clip element, said pocket being inclined with respect to said connecting portion and having open ends for insertion of identification material.

3. An index device constructed from a single piece of sheet material comprising a clip element of inverted U-shape cross section adapted to engage the edge of a wall, the rear portion of said clip element projecting longitudinally beyond the ends of the opposing forward portion to constitute abutments limiting longitudinal displacement of said device when the same is applied to a drawer, a connecting element extending outwardly from the outward portion of said clip element and a label holding element extending upwardly from said connecting portion.

In testimony whereof I affix my signature.

HARRY VERLIN MITCHELL.