March 2, 1943. M. A. H. AAMODT 2,312,302

CARD INDEX SYSTEM, FILING SYSTEM, AND THE LIKE

Filed July 18, 1939

Fig. 1

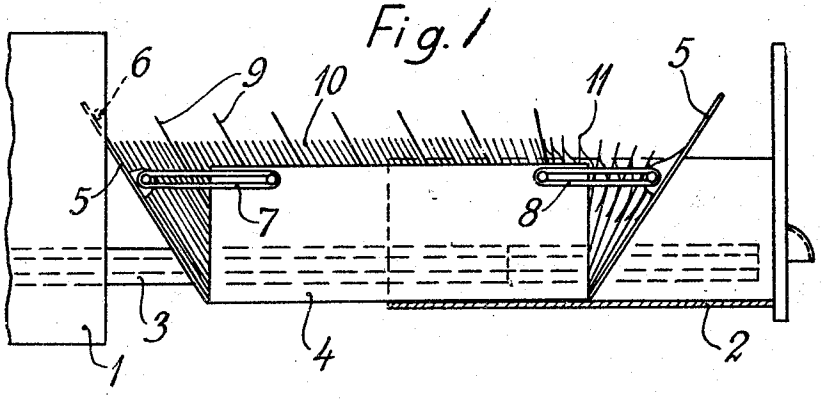
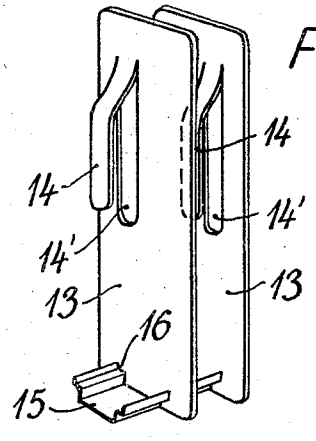


Fig. 2



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Patented Mar. 2, 1943 2,312,302

UNITED STATES PATENT OFFICE

2,312,302

CARD INDEX SYSTEM, FILING SYSTEM, AND THE LIKE

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Application July 18, 1939, Serial No. 285,200
In Norway June 29, 1938

1 Claim. (Cl. 129—16)

The present invention relates to a vertical visible card index system and has for its object to reduce to a minimum the space required for filing index cards and the like in vertical visible order and at the same time to improve the accessibility and visibility of the card and simplify the operation of indexing or filing.

A similar and still stronger concentration can be secured by inserting convenient trays in cabinet drawers gliding on progressive suspensions when the rear of the drawer is done away with to allow the tray designed for the purpose to slide back automatically or otherwise and thus form an expanding card index drawer as the front and rear of the tray or inner drawer swings out when the cabinet drawer is pulled out.

Both methods have the same principal effect and can be used combined or separately according to demand. The trays are in both instances designed to be taken out of the case or drawer so that they can be placed on or by a working disk or table.

The invention is illustrated in the accompanying drawing, where:

Fig. 1 is a longitudinal view of an extended cabinet drawer with a tray dispositioned therein.

Fig. 2 shows in perspective a view of the flexible divider sheets or plates with outpressed divider springs.

Referring to the drawing in detail 1 indicates the cabinet, 2 the cabinet drawer which by means of extensible supporting guides 3 has been pulled out from the cabinet a distance equaling about one and a half times the drawer's length.

4 indicates the tray or the inner drawer in extended position. 5 indicates the outswung front and rear walls hinged to the bottom plate of the tray and provided with links 7, 8 connected with the hinged walls and sliding on studs fastened to the wall sides of the tray. 6 indicates friction studs of rubber or the like mounted on the cabinet 1 and co-acting with the rear wall 5 when the cabinet drawer is pulled out, and thus effecting relative displacement of the drawer 2 and tray 4.

9 indicates the movable division plates for selecting the particular card section to which accessibility is desired, and by means of which the selected section becomes a wide V-shaped opening that permits the fanwise separation of the index cards 10 or the like actuated by the dividing springs 11.

Fig. 2 illustrates two dividing plates 13 of modified form with outpressed dividing springs 14. Such dividing plates can be conveniently fitted to supporting strips 15 or grip holders with a profile corresponding with the cut 16 in the dividing plates. The springs are as indicated in the drawing displaced with regard to one another or otherwise designed in such a manner that they are prevented from catching or slipping into each other if or when the index card standing between them is taken out.

When the drawer is not in use it is pushed back into the cabinet 1 and the tray 4 is slid forwardly along the bottom of the drawer, the end walls 5 being pressed inwardly of the tray against the tension of the springs 11 or 14.

I claim:

In a card index system, filing system and the like, a cabinet, a drawer, telescoping side supports for said drawer whereby the drawer may be pulled out of the cabinet a distance substantially one and one-half times its own length, a tray slidably mounted in said drawer, the end walls of said tray being hinged to the bottom of said tray and connected by slotted links to the upper part of the side walls of said tray whereby the end walls may be swung outwardly from the side walls when the drawer is drawn outward, friction studs impeding the outward movement of the tray whereby relative movement takes place between the tray and the drawer when the drawer is drawn out, and dividing plates with out-pressed dividing springs a symmetrically arranged, for dividing the tray into sections and functioning also to press outwardly the end walls of the tray.

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