Aug. 9, 1932. A. ZNIDERSIC 1,870,763

CABINET PARTICULARLY BOOKCASE

Filed March 24, 1930

Fig. 1.

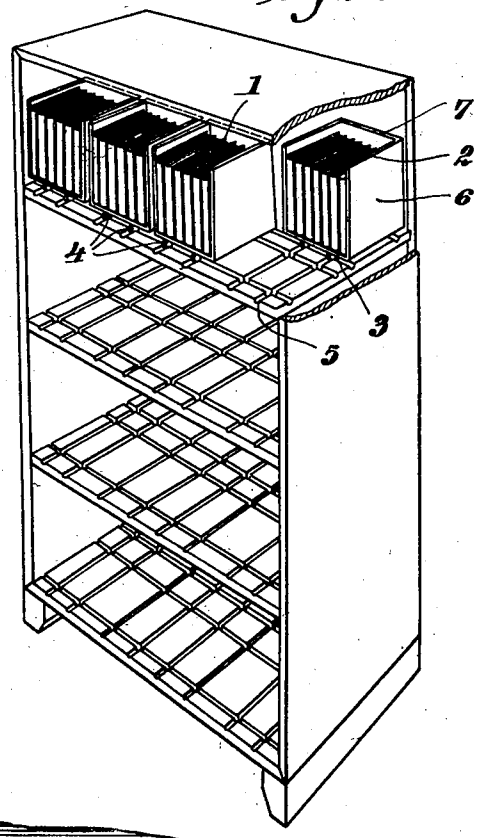
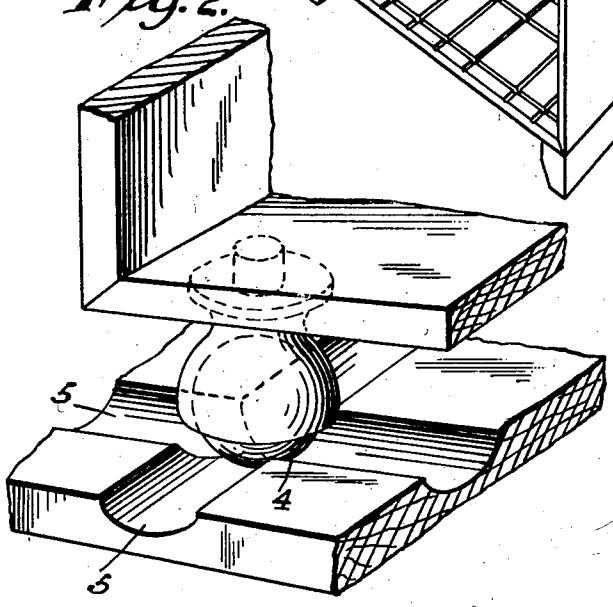


Fig. 2.



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UNITED STATES PATENT OFFICE

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CABINET PARTICULARLY BOOKCASE

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This invention relates to improvements in cabinets, particularly in book-cases.

Book-cases are already known in which each book-row of a number of book-rows, which are arranged behind one another, can be pulled out at the side in order to render accessible the books in the back rows. However book-cases of this kind must be free at one side. The articles or books arranged in the second and other back rows are accessible with difficulty only, if the books, files or articles are arranged in two or more successive rows of cases or shelves which adjoin one another or take up the whole length of the wall. The articles in the front row have to be removed in order to have access to the articles at the back. This takes up a great deal of time, is troublesome and leads to damaging the articles for instance books. In consequence thereof the books are arranged in two or more successive rows in case of lack of space.

The drawbacks above mentioned are avoided according to the present invention by arranging two or more successive rows of small cases or boxes which run in perpendicular tracks arranged in the cabinet and thus are slidable forwardly, backwardly and sideways independently from each other in the cabinet, whereby the boxes in one or more of the outer rows fill up a part of the length of the cabinet only, so that a box in one of the back rows is rendered accessible and can be pulled forward by laterally shifting the boxes in front of the required box. If desired the boxes may be open at the front side and top side. For suitably guiding the boxes during their movement, the same may be provided with small wheels, balls or the like.

The invention is clearly illustrated in the accompanying drawing, in which:—

Fig. 1 is a perspective view of the book-case constructed in accordance with this invention and partly broken away to more clearly indicate the details thereof, and

Fig. 2 is an enlarged fragmentary perspective detail of the mounting for one of the boxes.

1 designates the boxes in the front row and 2 the boxes in the back row of the book-case. To the underside of the boxes near the corners thereof are secured runners, smooth or grooved rollers, wheels or balls 4, which run between wooden ledges, in intersecting tracks 5 in the form of grooves or on rails, provided in or secured to the shelves of the book-case.

The tracks or grooves 4 are arranged in pairs longitudinally of the shelves so that the boxes may be shifted from one side of the case to the other and in addition are arranged in pairs transversely of the shelves and of a number equivalent to the boxes, and intersect the longitudinal grooves to permit each of the boxes to also be shifted from the front row or vice versa. The boxes are further provided with two side walls 6 and a back wall 7. If desired the boxes may be furnished with roofs.

If the length of the shelf is suited for two or more boxes disposed side by side as shown in Fig. 1, preferably the front row contains one box less than the back row, or the boxes in the front row are smaller than in the back row, so that when pushing together the boxes in the front row a clearance or space will remain in the latter through which a box of the back row can be pulled forward. If the shelf is filled up with boxes and in case the desired book is disposed in the back row, it is necessary to entirely remove a box from the front row and, in case the desired book is not located immediately behind the removed box, the boxes in the front row are shifted sideways until the book has been found and pulled out. Guides of the kind above described may be provided for facilitating the lateral movements. If desired the boxes may be without guides, so that they directly slide on the horizontal shelves of the cabinet.

According to the present invention libraries can be fitted up in much smaller spaces than heretofore. While up to now in a room built for six rows of books it is necessary to leave free three passages for moving about, the same room can be fitted up according to the present invention with twelve rows of books whereby only two passages for moving about are required.

The arrangement constructed according to the present invention also permits the orderly, easy surveyable and readily accessible arrangement and filing of letter-files, maps, documents and registration cards.

I claim:—

A cabinet in the form of a book-case comprising a body embodying transverse shelves, tracks arranged in pairs longitudinally and transversely of each other on each of the shelves, a plurality of book containing boxes mounted on each shelf and of a number less than the number which the shelf will accommodate, and including means on the boxes for cooperating with the tracks so that the boxes may be shifted on the tracks from one side to the other of the book-case and also backwardly and forwardly on the shelves.

In testimony whereof I affix my signature.

ANTON ZNIDERSIC.