

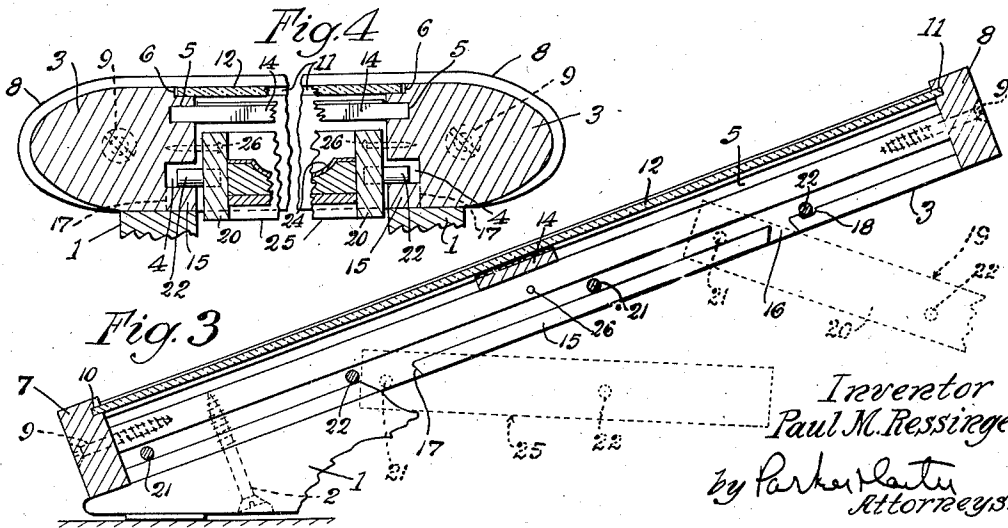
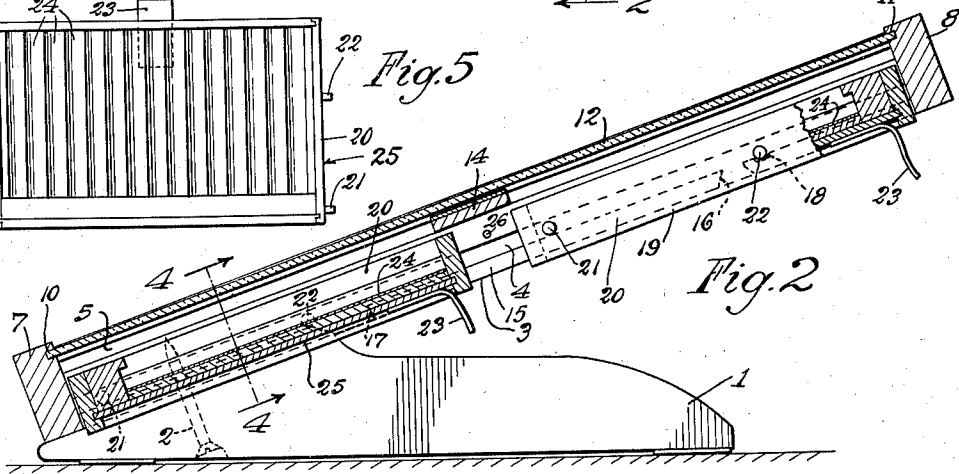
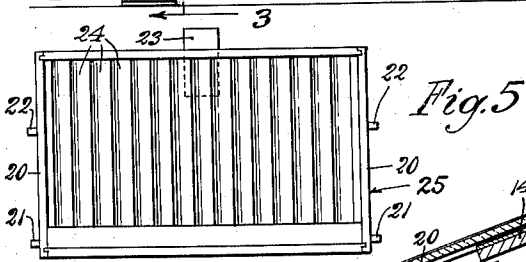
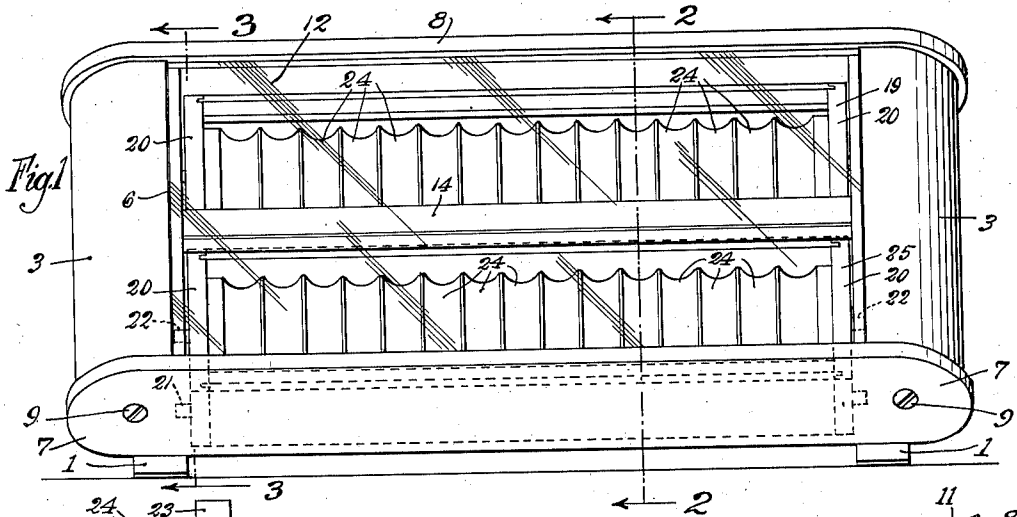
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2,147,716

DISPLAY DEVICE

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2,147,716

DISPLAY DEVICE

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3 Claims. (Cl. 312-123)

My invention relates to an improvement in display or storage devices and has for one purpose the provision of a display device wherein access may readily be had to articles displayed for sale.

Another purpose is the provision of improved means for displaying articles, which display means is adaptable to be placed either inside of or on top of the usual counter and show case and which is light enough to be readily moved about and handled.

Another purpose is the provision of improved means for displaying and selling pens, pencils and the like.

Other purposes will appear from time to time in the course of the specification and claims.

I illustrate my invention more or less diagrammatically in the accompanying drawing wherein:

Figure 1 is a front elevation;

Figure 2 is a section on the line 2-2 of Figure 1;

Figure 3 is a section on the line 3-3 of Figure 1;

Figure 4 is a section on the line 4-4 of Figure 2; and

Figure 5 is a detail of a display and storage tray.

Like parts are indicated by like symbols throughout the specification and drawing.

Referring to the drawing, I illustrate a pair of supporting bases 1, to each of which is secured as by screws 2 side frame members 3, herein shown as each provided with a plurality of opposed channels including the lower channels 4 and the upper channels 5. 6 indicates upper depressions or cut-away portions. The members 3, 3 are secured together at their ends by a bottom frame member 7 and a top frame member 8. They may be secured for example by screws 9. The members 7 and 8 are provided with channels 10, 11 which are adapted to receive a pane of glass or the like 12, the other edges of which rest in the cut-away portion 6 of the side frame members 3. Mounted in the channels 5 I illustrate any suitable transverse member 14 which may serve as a reinforcing member but which has for a primary purpose to carry advertising or descriptive material or the trade-mark or trade name of the maker of the goods displayed, and also to cover the separation between the plurality of supporting and display members hereinafter described.

Each one of the channels 4 is bounded by a bottom flange 15, which bottom flange is provided with apertures or cut-away portions 16 and 17. The aperture 16 is positioned above the transverse member 14 and has adjacent and above it

positioning notches 18, the purpose of which will later appear. 19 generally indicates an upper display tray which may include side frame members 20 having each a pair of outwardly projecting members or pins 21, 22. The pins 21 are adjacent the forward edge of the tray, referring to the position in which it is shown in Figures 3 and 5. The pins 22 are adjacent the opposite end of the tray. The purpose of these pins is to support the tray between the frame members 3 by the penetration of the pins into the channels 4, the pins thereupon resting upon the members 15 with the upper pins 22 penetrating the notches 18. 23 is any suitable handle for the tray which may be of any suitable material or shape but which I illustrate merely as a flexible strap glued or otherwise secured to the bottom of the tray. The tray is provided with a plurality of channels 24 shown as parallel with each other and with the side frame members 3 and which form proper positioning means and display means for a plurality of pens, pencils and the like.

In inserting the tray 19 into position, the lower pins 21 are first passed upwardly through the apertures 16 and slid along the channels 4 from the dotted line to the full line position of Figure 3. As soon as the pins 21 have moved a sufficient distance down along the said channels to permit it, the opposite end of the tray is swung upwardly and the pins 22 are then passed upwardly through the aperture 16. The tray is then moved rearwardly and upwardly far enough to position the pins 22 into the notches 18 and the tray is then held in display position. In order to remove articles or to remove the tray for any purpose, it is necessary simply slightly to lift the upper edge of the tray and then slide it forwardly and downwardly until the pins 22 are aligned with the slot 16. The upper end of the tray is then tilted downwardly to carry the pins downwardly through the aperture 16 and the opposite edge is then moved upwardly along the channels 4 until the pins 21 can be drawn downwardly through the aperture 16, thus completely freeing the tray.

The lower tray 25 is substantially the same as the upper tray and in fact the two can be made identical. However, I dispense with the notches 18 since I simply position the lower tray with both sets of pins 21 and 22 in the channel 4 and then let the tray rest by gravity against the transverse bottom frame member 7. I may find it desirable, in order to prevent the upper tray 19 from sliding too far downwardly along the slot, to provide limit means 26 in the channels 4.

It will be observed that the two trays may be

separately removed without disturbing each other. It will be understood that I may dispense with the upper notch 18 and the stop members 26 to serve the same function in limiting the downward movement of the tray as is performed for the lower tray 25 by the transverse member 7. I find it preferable however in connection with spacing the two trays to employ the above described notch structure.

10 It will be realized that whereas I have herewith shown and described a practical operative device, nevertheless many changes might be made in the size, shape, number and disposition of parts without departing from the spirit of the invention and I wish, therefore, that my showing be taken as in a sense diagrammatic. For example, I might use but a single tray, or I might use more than two, and many changes in the specific securing means may be employed without departing from my invention.

I claim:

1. In a display device, a frame member including channeled side frame elements, and a plurality of removable display members, each including outward lateral projections adapted to slide along the channels of said side frame elements and to support said display members therein, the walls of said channels being cut away to permit the passage of said projections therethrough and the consequent removal of the display members, both said display members lying when in display position in substantially the same plane.

2. In a display device, a frame member including channeled side frame elements, and a plurality of removable display members, each including outward lateral projections adapted to slide along the channels of said side frame elements and to support said display members

therein, the lower walls of said channels being cut away to permit the downward passage of said projections therethrough and the consequent downward removal of the display members, there being a plurality of lateral projections at each side of each display member, and a separate cut away portion in the lower wall of each said channel for each said display member, means for holding each said display member in a predetermined position, and a transverse member adapted to mask the interval between the said display members.

3. In a display device a support including frame members provided with lug receiving channels, a display member, and means for movably mounting said display member within said frame members with the display face thereof exposed to view from in front of said display device, said mounting means including spaced lug members extending outwardly from opposite sides of the display member and slidably supported within said channels, said lugs normally engaging a wall of said channel to support the display member in display position, said frame members being provided with openings leading into said channels for the ingress or egress of said lug members, said lug members in the normal display position of the display member being out of registry with said openings, said channels being dimensioned to permit relative sliding movement of the display member therein to bring the upper lugs in registry with said openings whereby said display member may be tilted rearwardly and downwardly about the lower lugs to dispose the display face and contents of the display member in position for ready access to one standing behind the display device.

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