Nov. 17, 1936. M. F. STICHT 2,061,010

CABINET

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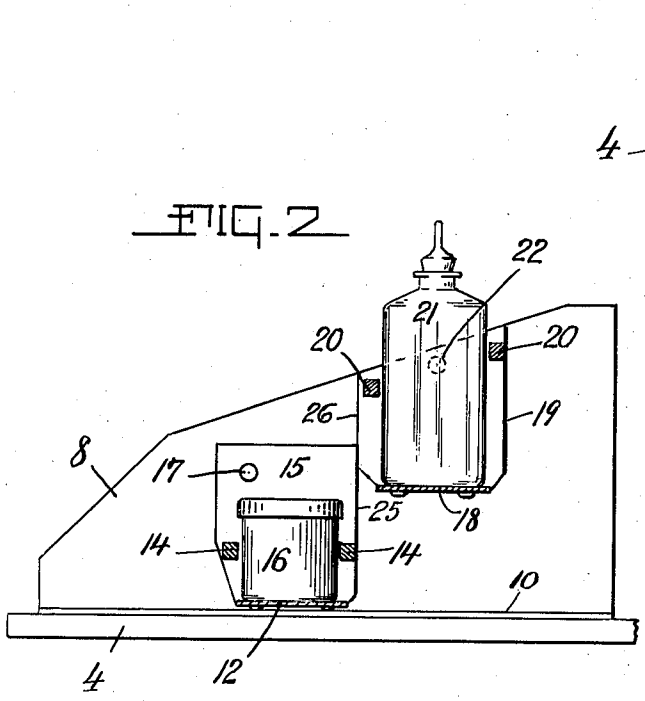


FIG. 2

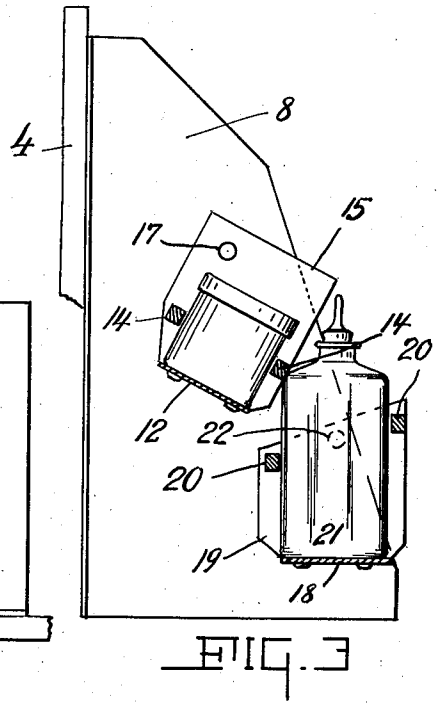


FIG. 3

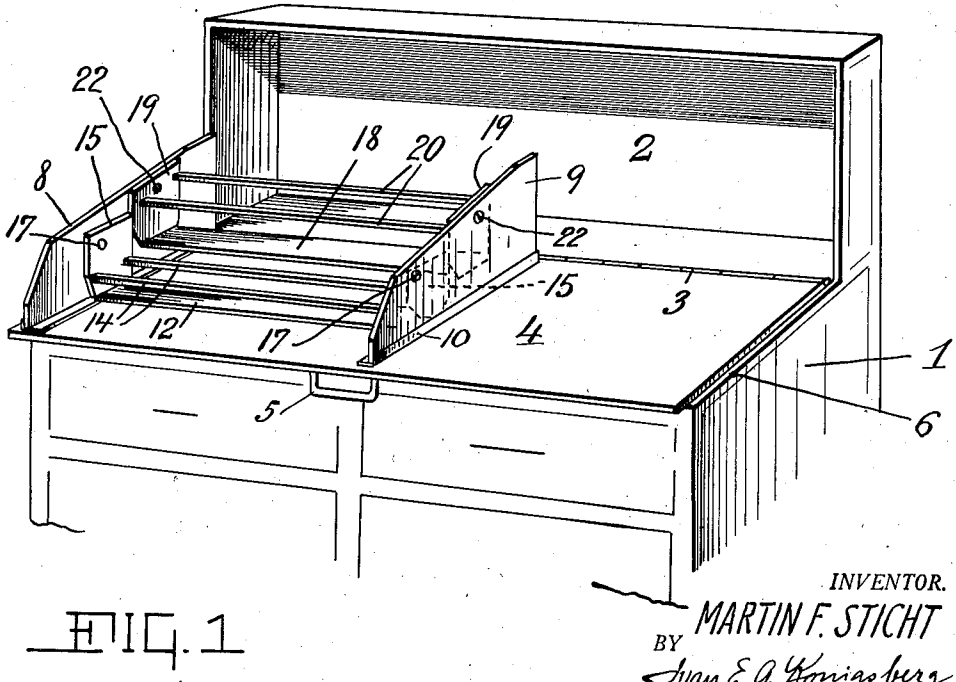


FIG. 1

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CABINET

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1 Claim. (Cl. 312—152)

The object of this invention is to provide an improved cabinet for the use of chiropodists and like professional persons. More particularly it is the object of this invention to provide a novel and improved device or unit for the support of medicine containers, jars and bottles which are required, for instance, by chiropodists in their practice. Another object of the invention is to arrange such a supporting unit in combination with a swingable cabinet door whereby when the door is opened into a horizontal position, the jars and bottles are automatically moved into proper vertical position in the supporting unit, and so that when the door is closed up, the unit automatically operates the jars and bottles into another position for storage and keeping within the cabinet.

With these and other objects in view, the invention is embodied in a cabinet in combination with a supporting container unit arranged and constructed as set forth in the following specification while reference is had to the accompanying drawing in which—

Fig. 1 is a perspective view of an open cabinet embodying the invention with parts broken away and details omitted.

Fig. 2 is a sectional view of the supporting unit mounted upon the door and showing the parts in the position when the door is open.

Fig. 3 is a sectional view of the unit showing it in the position when the door is closed.

Referring to the drawing the reference numeral 1 denotes a cabinet having a compartment 2 to the bottom of which at 3 there is pivoted a door 4. When the compartment is open as in Figure 1 the door forms a table top or desk top. When the door is moved into vertical position or closed as indicated in Figure 3 it closes the front of the compartment 2. The door 4 is provided with a handle 5 and there may of course also be provided locking means not shown. The cabinet preferably has a fixed desk portion 6 upon which the door rests when open.

Upon the inside of the door there is mounted a container unit adapted to support jars and bottles. The unit has two or more shelves arranged in swingable relation to the door whereby said shelves automatically assume a substantially horizontal position or a supporting position irrespective of the position of the door. That is to say when the door is closed the unit shelves support the jars and bottles in substantially vertical position within the compartment 2. When the door is open, the unit shelves support the jars and bottles in vertical position for immediate use and display.

The unit consists of two spaced brackets 8 and 9 which are secured to the door 4 by any suitable means such for instance as angles 10 screwed to the door, the angles in turn supporting the brackets. Between the latter there are supported two, or more, shelves in swingable relation.

Each shelf consists of two end pieces to the bottoms of which the shelf proper is secured. There are also provided supporting bars between the end pieces parallel to the shelf. The shelves are at different levels so that the containers in one shelf may be readily seen, removed and replaced without interfering with the containers on the other shelf.

The lower shelf consists of the shelf 12 and bars 14, 14 which are secured between two end pieces 15, 15 by any suitable means. The bars, see Figure 2, are spaced a distance above the shelf 12 and so far apart as to receive suitable containers 16 between them resting upon the shelf. The shelf as a unit is pivoted on and between the brackets 8 and 9 by means of screws 17 in such a manner that the shelf tends to swing in an anti-clockwise direction with relation to the brackets when the door is closed.

Similarly the upper shelf 18 is secured between two end pieces 19, 19 and bars 20, 20 are also secured to the latter in spaced relation to receive suitable larger containers 21 between them and resting upon the shelf 18. The end pieces 19, 19 are pivoted on and between the brackets by means of screws 22 in such a manner that they also tend to swing in an anti-clockwise direction when the door 4 is closed.

The two shelf units 12 and 18 are thus gravity operated. When the door 4 is closed as in Figure 3, the upper shelf 18 moves into a lower position maintaining the containers 21 in upright position. The lower shelf 12 moves into an upper position and tends to swing in over the shelf 18 but is stopped in an inclined position because the one inner bar 14 abuts the containers 21 as shown in Figure 3.

The parts are also arranged with relation to the brackets 8, 9, the door 4 and to each other so that when the door 4 is opened, the lower shelf 12 swings into horizontal position and is stopped in such position by its bottom engaging the door. In this position the rear edges 25 of the end pieces 15 serve as stops for the front edges 26 of the upper end pieces 19. The said edges being straight and positioned vertically when the door 4 is open it follows that the shelves

12 and 18 are stopped in horizontal positions when the door is open. In other words, the containers on the shelves always automatically assume "tops-up" position.

The container unit may be made of any suitable material to match the cabinet and other fittings and accessories. When the door 4 is opened the containers in the unit are placed in full view and ready for inspection and convenience in removing and replacing the individual containers.

While the invention is disclosed in its preferred form, nevertheless it will be understood that changes in detailed construction may be made without departing from the spirit of the invention and the scope of the appended claim.

I claim:

In combination, a cabinet having a compartment, a door hinged to the bottom of the compartment in front thereof to close the same, a container unit mounted on said door and adapted to support containers in display position when the door is opened into a horizontal position and adapted to support said containers in upright position within the compartment when the door is closed, said container unit comprising a pair of side brackets, two shelf units pivoted therebetween, each shelf unit consisting of two end pieces, a shelf secured thereto, bars secured to said end pieces to prevent containers supported on the shelf from falling off the same and means for pivoting the end pieces of the shelf units to the insides of said side brackets in gravity controlled relation and at different levels, the upper shelf unit having its pivot in line with the center of gravity of said unit whereby to maintain the same at all times in natural upright vertical position, the lowermost shelf unit having its pivot in offset position to its center line of gravity, the upper rear portions of the lower end pieces engaging the lower front portions in the upper end pieces to prevent rearwardly tilting movement of the upper shelf unit when the said units are placed in operative position by the opening of the door of the cabinet.

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