

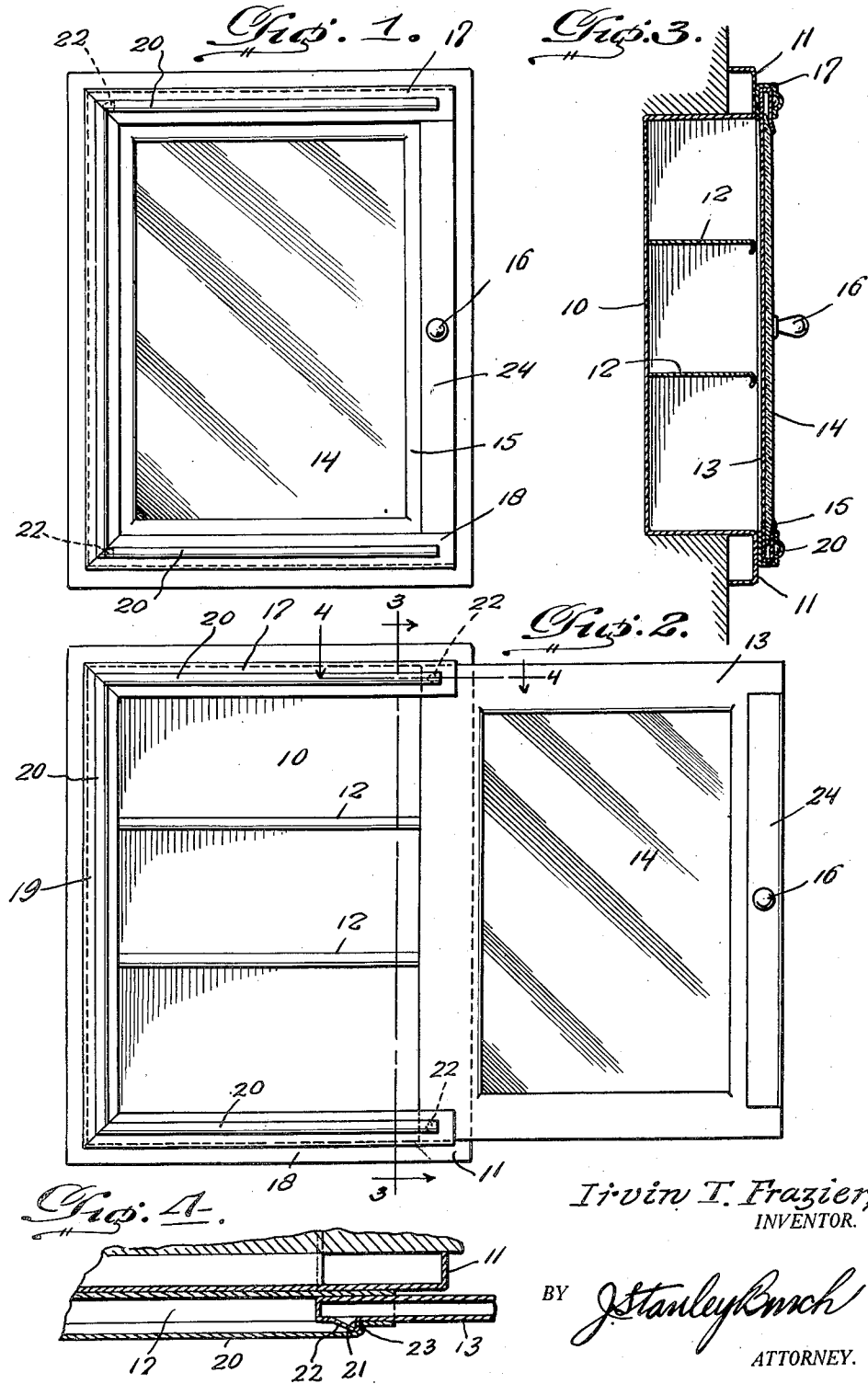
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I. T. FRAZIER

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WALL CABINET

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UNITED STATES PATENT OFFICE

IRVINE T. FRAZIER, OF COFFEYVILLE, KANSAS

WALL CABINET

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The present invention has reference to a wall cabinet having a mirror equipped door, and comprehends a novel construction of means for mounting the door for horizontal sliding movement, whereby the mirror can be conveniently used with the door in either its opened or closed position.

In carrying out the invention the door is constructed to slide in suitable guides supported on the front of the cabinet, the parts being designed to cooperate with each other to limit the movement of the door to its opened position.

The nature and advantages of the invention will be better understood when the following detail description is read in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this application like numerals of reference indicate similar parts in the several views and wherein:

Figure 1 is a view in elevation of the invention.

Figure 2 is a similar view showing the mirror equipped door opened.

Figure 3 is a sectional view on line 3—3 of Figure 2.

Figure 4 is a sectional view on line 4—4 of Figure 2.

Referring to the drawing in detail 10 indicates a wall cabinet or casing or any ordinary well known construction, including a marginal flange 11 to engage against the wall as clearly illustrated in Figure 3. The casing can of course be constructed of any suitable material and vary in size without departing from the invention, and is provided with shelves 12. The door 13 is equipped with a mirror 14 which is supported thereon by retaining flanges 15 formed by bending the marginal edges of the door inwardly and against the face of the mirror as shown. As stated the door is mounted to slide horizontally across the casing to either its opened or closed position and is provided with a knob 16 by means of which the door is manipulated.

Supported on the marginal flange 11 of the casing 10 are guides in which the door slides, two of such guides being arranged immediately above and below the door opening and indicated at 17 and 18 respectively, while a vertically disposed similarly shaped guide 19 is arranged along one side of the door opening. These guides are substantially U-shaped in cross section and each front wall thereof is formed with an outwardly projecting longitudinally disposed channel 20 for a purpose to be presently described. As illustrated the upper and lower edges of the door slide in the guides 17 and 18 respectively, and these edges of the door are formed with a right angularly disposed extension 21 and an inclined portion 22 which leads from the extension 21 as shown in Figure 4. These extensions at the top and bottom of the door cooperate with shoulders 23 formed at the end of the channels 20 of the upper and lower guides 17 and 18 respectively. In other words the channel 20 of each of these guides terminates short of the outer ends of the guides to form the shoulders 23, and when the door is slid to its open position, the right angularly disposed extensions 21 thereof engage the shoulders 23, to limit the movement of the door in this direction as well as to prevent sagging of the door. The construction is such, that the inclined portions 22 permit the door to be inserted within the guides 17 and 18 respectively, the front walls of these guides slightly yielding for this purpose, and subsequently assuming their normal position whereby the shoulders 23 are disposed to cooperate with the right angularly disposed extensions 21 to limit the movement of the door to its open position.

Carried by the door adjacent its outer longitudinal edge is a substantially U-shaped element 24 of a length to fit between the guides 17 and 18 respectively when the door is in its closed position, thereby giving the cabinet a neat and ornamental appearance. The knob 16 is preferably carried by this element 24. Manifestly by virtue of the construction illustrated and described, it is obvious that the door can be conveniently opened to gain access to the cabinet or casing 10, and

inasmuch as the door moves in a horizontal plane, the mirror can be conveniently used in any position of the door. Furthermore the door can be adjusted to properly position the mirror for use to suit the light conditions of the room in which the cabinet is arranged, this being particularly true when the mirror is used for shaving purposes.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein illustrated or described and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What is claimed is:

1. In a wall cabinet, the combination of a casing having a front opening, U-shaped guides secured to the front of the casing adjacent said opening, a longitudinally extending centrally located channel formed in the outer wall of each guide, a door mounted for horizontal sliding movement in said guides, a mirror arranged on the door, retaining flanges extending from the marginal edges of the door for holding the mirror in place thereon, and cooperating means carried by said flanges and the walls of said channels for limiting the movement of the door to its opened position.

2. In a wall cabinet, the combination of a casing having a front opening, U-shaped guides secured to the front of the casing adjacent said opening, a longitudinally extending centrally located channel formed in the outer wall of each guide and terminating to provide a shoulder, a door mounted for horizontal sliding movement in said guides, a mirror arranged on the door, retaining flanges extending from the marginal edges of the door for holding the mirror in place thereon, and right angularly disposed extensions projecting from said flanges and movable in said channels, and cooperating with said shoulders to limit the movement of the door to its opened position.

In testimony whereof I affix my signature.

IRVINE T. FRAZIER.

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