April 28, 1936. N. DE MARK 2,039,065

BATHROOM ACCESSORY

Filed July 27, 1935

Fig. 1

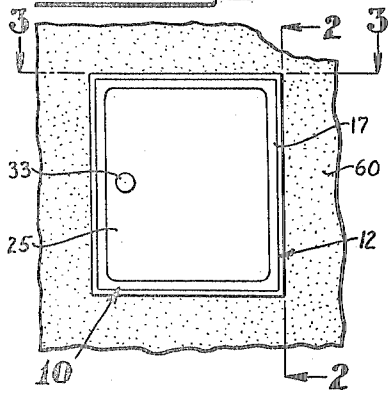


Fig. 2

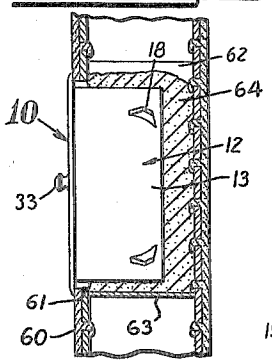


Fig. 3

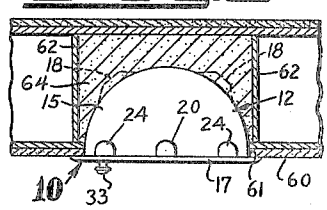


Fig. 5

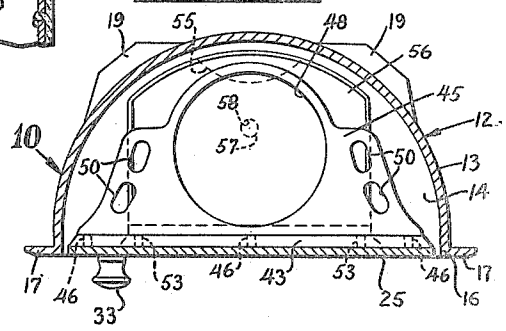


Fig. 4

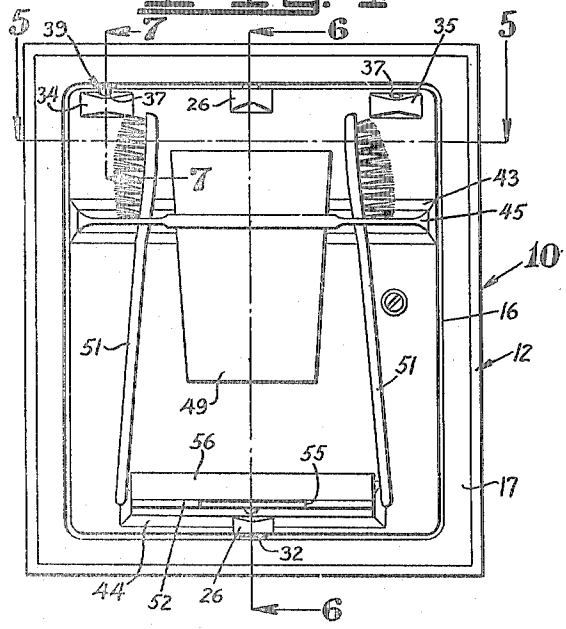


Fig. 6

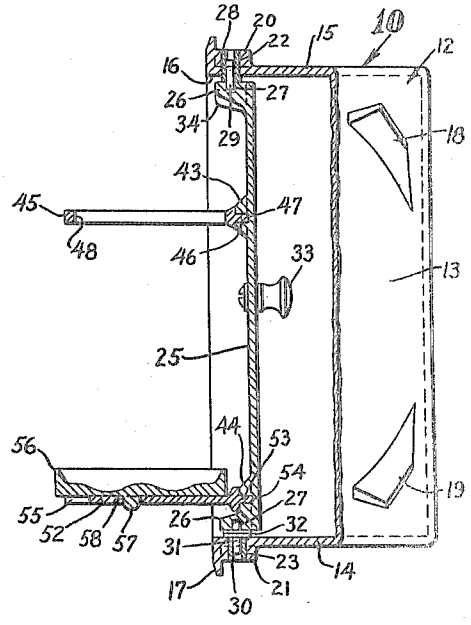
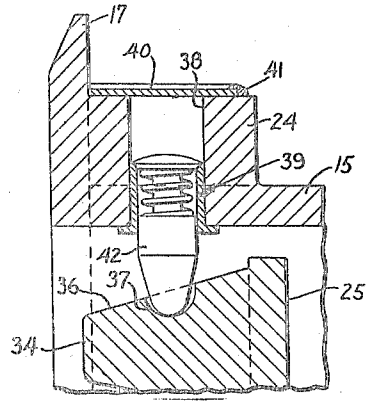


Fig. 7



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BATHROOM ACCESSORY

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Application July 27, 1935, Serial No. 33,453

2 Claims. (Cl. 312—113)

This invention relates to improvements in cabinets or bathroom accessories.

The general object of this invention is to provide an improved cabinet including novel means for supporting various articles.

A specific object of the invention is to provide a novel cabinet including a door which is pivotally mounted intermediate its width and having means thereon for supporting various articles.

Other objects and the advantages of this invention will be apparent from the following description taken in connection with the accompanying drawing, wherein:

Fig. 1 is a face view of my improved cabinet showing it operatively mounted in a wall;

Fig. 2 is a section taken on line 2—2 of Fig. 1;

Fig. 3 is a section taken on line 3—3 of Fig. 1;

Fig. 4 is an enlarged face view of the cabinet showing the door thereof in an open position;

Fig. 5 is a section taken on line 5—5 of Fig. 4 showing the cabinet door in a closed position, and with the supported articles omitted,

Fig. 6 is a section taken on line 6—6 of Fig. 4 with the supported articles omitted, and

Fig. 7 is an enlarged section taken on line 7—7 of Fig. 4.

Referring to the drawing by reference characters I have indicated my improved cabinet generally at 10. As shown the cabinet 10 is made of metal and includes a housing 12. As shown the housing 12 includes semi-cylindrical side walls 13, a bottom wall 14, and a top wall 15 with the front open as indicated at 16. Surrounding the front opening 16 the housing includes an enlarged flange portion 17.

Extending outwardly from the side walls 13 on each side of the center of the housing and adjacent the top thereof I provide fin members 18 and adjacent the bottom I provide similar fin members 19. Longitudinally the top fin members 18 are inclined upwardly towards the front of the housing and the lower fin members 19 are inclined downwardly towards the front of the housing. Transversely the top fin members 18 are inclined upward and the lower fin members 19 are inclined downward.

At the center of the housing adjacent the flange 17 the top wall 15 includes an upstanding lug 20 and, similarly located, the bottom wall 14 includes a lug 21. The lug 20 has a vertical aperture 22 therein and the lug 20 has a vertical aperture 23 therein. Adjacent each side of the housing and adjacent the front flange 17 the top wall includes upstanding lugs 24.

For closing the front opening 16 of the housing I provide a closure door 25. As shown the door 25 is made of metal and intermediate its width at the top and bottom thereof includes a lug 26 each of which have a recess 27 therein.

Positioned in the aperture 22 of the housing lug 20 I provide a sleeve 28 which extends downward to the top of the top door boss 26 and in the sleeve 28 I provide a pin 29 which is positioned in the recess 27 of the upper door boss 26. Positioned in the aperture 23 of the housing boss 21 I may provide a sleeve 30 which terminates flush with the inner surface of the bottom wall 14 and in the sleeve 30. A pin 31 is positioned in the recess 27 of the lower door boss 27. Surrounding the pin 31 between the door boss 26 and the bottom wall 14 I provide a pair of washers 32 to form a supporting bearing for the door.

Adjacent one side and intermediate its height the door has a knob handle 33 suitably secured thereto which extends outward from the face of the door opposite the lugs 26. Adjacent the top of the door and adjacent each of the sides I provide lugs 34 and 35 which extend outward from the same face of the door as the lugs 26. The upper surface of each of the lugs 34 and 35 is inclined upwardly toward the door as indicated at 36 and in this inclined surface each of the lugs 34 and 35 has a semi-cylindrical circular recess 37 therein. (See Fig. 7.)

As clearly shown in Fig. 7 one of the bosses 24 has an aperture 38 therein in which a standard spring pressed cupboard snap 39 is positioned. The cupboard snap 39 is positioned in the aperture 38 with the bolt portion 40 thereof extending downward and projecting into the interior of the housing 12. The upper end of the aperture 38 is preferably closed by a thin metal plate 40 which is secured to the boss 24 as by a solder 41.

When the door 25 is swung to an open position the door lug 34 forces the plunger 42 to a retracted position until the recess 37 is in line with the plunger whereupon the plunger 42 enters the recess 37 and thereafter resiliently retains the door in an open position. When the door 25 is swung to a closed position the plunger 42 is forcibly retracted and moves out of the aperture 37 of the lug 34 and as the door approaches a closed position the door lug 35 forces the plunger to a retracted position until it enters the aperture 37 thereof whereafter the plunger resiliently retains the door in a closed position.

Adjacent the top of the door 25 and extending outward from the same face thereof as the lugs 26 the door includes an elongated boss 43 and

adjacent the bottom the door includes an elongated boss 44.

Mounted on the boss 43 I provide a shelf member 45 which includes a plurality of pin portions 46 which are positioned in recesses 47 in the boss 44 and are suitably secured to the boss 44 as by solder. (See Fig. 6.) The shelf 45 has a large central aperture 48 therein in which a drinking glass 49 is adapted to be positioned. Positioned on each side of the aperture 48 the shelf 45 has a pair of elongated reduced apertures 50 in which the handles of tooth brushes 51 are adapted to be positioned with the bristles of the brushes engaging the upper surface of the shelf.

Mounted on the boss 44 I provide a shelf member 52 which includes a plurality of pin portions 53 which are positioned in recesses 54 in the boss 44 and are suitably secured to the boss as by solder. (See Fig. 6.) The outer edge of the shelf 52 is preferably curved to match the curvature of the side walls 13 of the housing and is preferably notched as at 55. The shelf 52 is adapted to support a soap dish 56 which includes a lug portion 57 depending from the bottom thereof and which is adapted to be removably positioned in an aperture 58 in the shelf 52. The soap dish 56 is held in place by gravity.

When the cabinet 10 is installed in a wall such as indicated at 60 a rectangular aperture 61 of a size to receive the housing 12 is cut in the wall. Then adjacent each side of the aperture 61 and extending the full distance between the laths thin boards 62, or press board, or other material is secured in position and adjacent the bottom of the aperture a similar board 63 is secured in position, (See Figs. 2 and 3.) A quantity of mortar 64 may then be positioned in the space confined by the boards 62 and 63. Thereafter the cabinet 10 is positioned in the aperture 61 and forced into the mortar 64 until the rear face of the cabinet flange 17 firmly engages the outer surface of the wall 60. When the cement 64 sets it firmly retains the cabinet 10 in position and the angular arrangement of the fins 18 and 19 make it practically impossible to remove the cabinet from the wall.

From the foregoing description it will be apparent that I have provided a novel cabinet which is simple in construction and highly efficient in use.

Having thus described my invention I claim:

1. A door for a cabinet, said door having an elongated boss thereon adjacent the top thereof and extending outward therefrom, said boss having a plurality of recesses therein, a metal shelf member mounted on said boss, said shelf including a plurality of pin portions, said pin portions being positioned in said boss recesses, said shelf having a central aperture therein and a plurality of reduced elongated apertures positioned on each side of said central aperture.

2. A cabinet, said cabinet including a metal housing comprising semi-cylindrical side walls, a top wall and a bottom wall, the front of said housing being open, said housing including a flange surrounding said open front, a door for closing said front opening, said door being pivotally secured to said housing adjacent the top and bottom thereof and intermediate its width, a handle member on said door extending outward from one face thereof and adjacent one side, a lug on said door adjacent each side thereof and adjacent the top thereof, said lugs extending outward from the face of said door opposite to said handle, said lugs each having upwardly inclined upper surfaces having a recess therein, a spring pressed plunger latch mounted in said housing at the top thereof and adjacent one side thereof, said latch plunger, when said door is in one extreme position, engaging one of said lugs and being positioned in said recess thereof, and in the other extreme position engaging the other of said lugs and being positioned in said recess thereof.

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Patent No. 2,039,065 **Granted April 28, 1936**

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The above entitled patent was extended October 23, 1951, under the provisions of the act of June 30, 1950, for 5 years and 360 days from the expiration of the original term thereof.

Commissioner of Patents.