April 9, 1935. G. SAKIER 1,997,433

BATHROOM UNIT

Filed Oct. 3, 1933 2 Sheets-Sheet 1

Fig. 1.

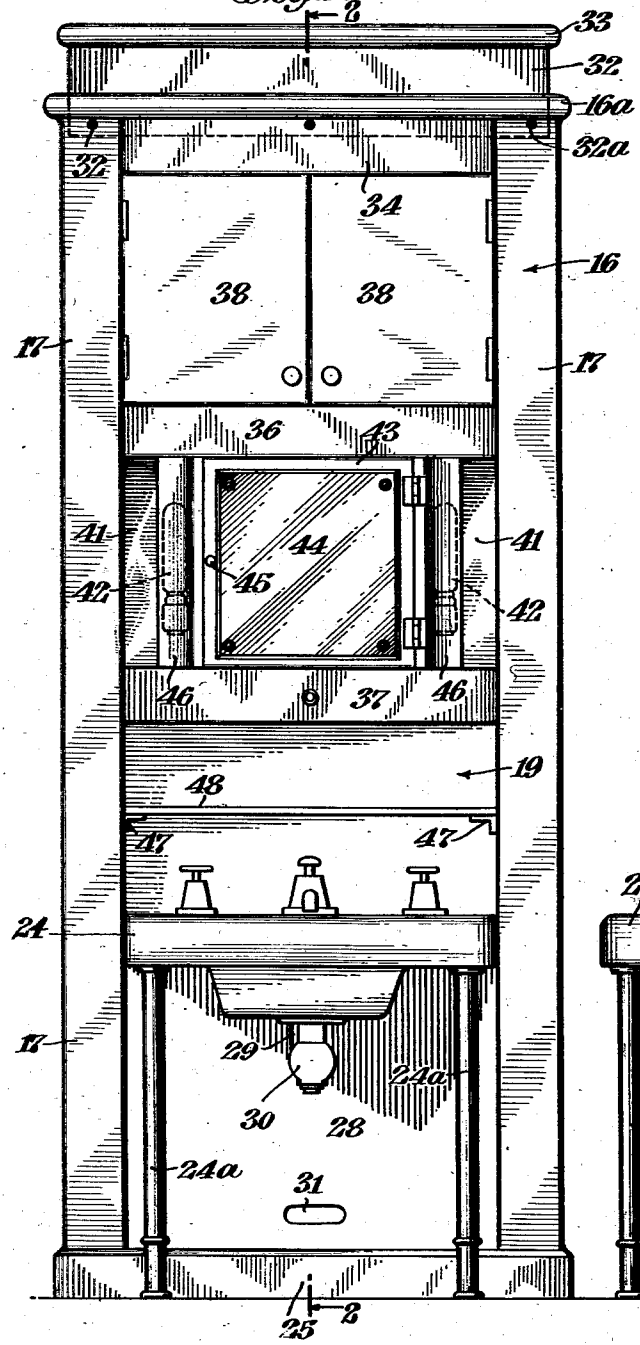
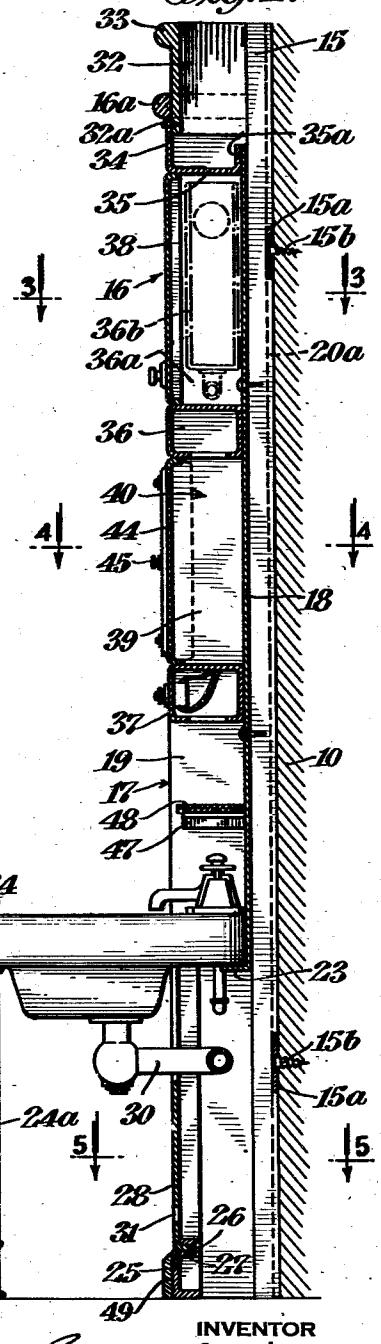


Fig. 2.



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Filed Oct. 3, 1933 2 Sheets-Sheet 2

Fig. 3.

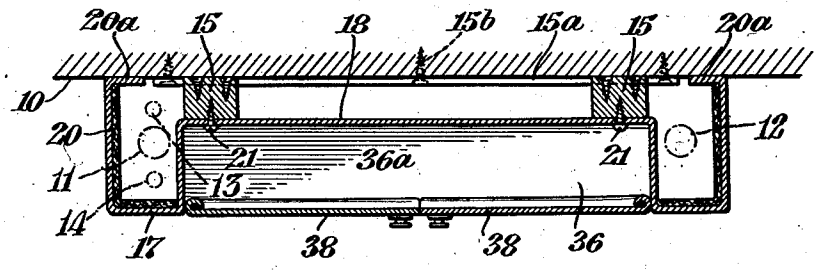


Fig. 4.

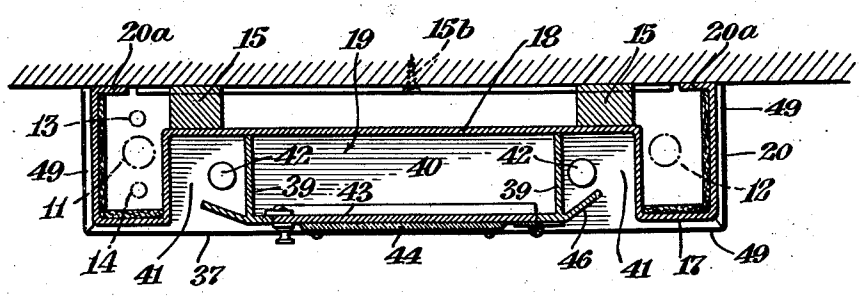
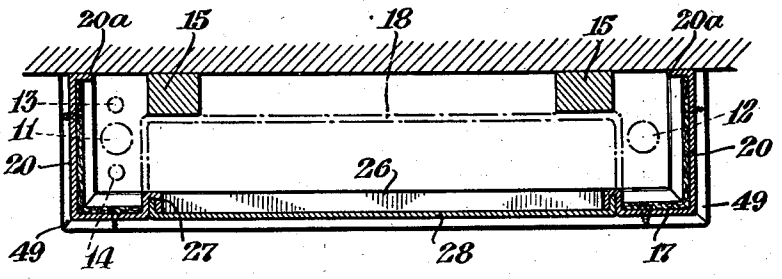


Fig. 5.



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UNITED STATES PATENT OFFICE

1,997,433

BATHROOM UNIT

George Sakier, New York, N. Y., assignor to The Accessories Company, Inc., New York, N. Y., a corporation of Delaware

Application October 3, 1933, Serial No. 691,940

15 Claims. (Cl. 4—1)

My invention relates to improvements in bath room furnishings, and the same has for its object the provision of simple, efficient and inexpensive means whereby bath rooms equipped with old form or styles of fittings and fixtures may be modernized.

Further, said invention has for its object the provision of means which may be installed as a unit to enclose and conceal the rough plumbing including hot and cold water supply, soil and vent pipes, and at the same time provide means for the installation of the fittings and fixtures required in a modern bath room.

Further, said invention has for its object the provision of a casing in the form of a panel which may be readily secured upon the wall of a bath room to hide the rough plumbing work, and at the same time to provide means for receiving and partly supporting a lavatory, and for accommodating a medicine cabinet, shelves, lights, etc.

Further, said invention has for its object a casing or panel for the purposes specified which is readily adjustable so as to be fitted against or upon the wall of rooms of different heights.

Further, said invention has for its object the provision of a casing for the purposes specified having means affording ready access to the plumbing work, and parts or apparatus disposed within said casing and concealed thereby for the purposes of inspection or repairs.

Other objects will in part be obvious and in part be hereinafter described.

To the attainment of the aforesaid objects and ends my invention consists in the novel features of construction, and in the combination, connection and arrangement of parts hereinafter more fully described and then pointed out in the claims.

In the accompanying drawings—

Figure 1 is a front elevation showing one form of bath room unit constructed according to, and embodying my said invention;

Fig. 2 is a vertical section thereof on the line 2—2 of Fig. 1;

Fig. 3 is a transverse section on the line 3—3 of Fig. 2;

Fig. 4 is a similar view on the line 4—4 of Fig. 2, and

Fig. 5 is a similar sectional view on the line 5—5 of Fig. 2.

In said drawings 10 designates a portion of a bath room wall in front of a portion of which are arranged the usual soil pipe 11, vent pipe 12, and hot and cold water supply pipes 13 and 14.

15 denotes wooden studs which may be secured together in spaced relation by transverse metal members or strips 15ª having apertures therein to receive screws or nails 15ᵇ whereby said studs may be rigidly secured to the wall.

16 denotes a relatively tall sheet metal panel or casing comprising hollow pilaster portions 17, forming vertical pipe channels, united by an intermediate web or wall portion 18 and forming a vertical recess 19 of preferably less depth than said pilaster portions. Each pilaster portion 17 has the rear edge of its side wall 20 provided with an inwardly turned flange 20ª, coextensive in height therewith, and adapted to bear against the wall of the room when the panel or casing 16 is secured in position upon the studs 15 by means of screws or other fastening devices 21 extending through the intermediate wall portion 18 into said studs.

The intermediate web or wall portion 18 terminates short of the bottom of the panel and has its lower edge portion 22 bent upwardly and forwardly to form an angular bracket or ledge 23 upon which is supported the rear edge of a lavatory basin or top 24 whose forward end may be supported in any convenient manner as, for example, by legs 24ª.

The portion of the wall or web 18 below the lavatory top 24 is flat and has its front surface arranged flush with the front surfaces of the pilaster portions 17, and is provided with an opening provided along the inner edges of the pilaster portions 17, and the upper edge of the lower transverse member 25 with channel portions 26 to receive the rearwardly extending flanges 27 of a removable panel 28 having a recess 29 in its upper edge to accommodate the waste pipe 30. The lower portion of the removable panel 28 is provided with a hand-opening 31 to facilitate the insertion and removal of the panel.

The upper edge of panel 16 terminates in an integral molding 16ª of any suitable form in cross section. In the present instance it is shown as half-round. Above said molding is inserted a telescoping filler strip 32, preferably made of wood, and corresponding in cross-sectional outline with that of the panel 16 to the upper edge of which it may be secured by screws 32ª. The said strip 32 is designed to provide means for filling the varying height of the space between the upper edge of the panel 16 and the ceiling of the room in which the panel 16 is installed. To finish the filler strip a molding 33 may be secured at the upper edge thereof where it adjoins the ceiling.

The panel 16 is provided at its upper end with a transverse front wall portion 34 whose lower end 35 is bent rearwardly and then upwardly to form a flange 35a which may be riveted or otherwise secured to the intermediate wall portion 18 of the panel.

Between the upper portion 32 of the panel and the lavatory bracket or ledge 23 are arranged two hollow, transverse frame members 36, 37, of rectangular cross-section which are riveted or otherwise secured at their ends and backs to the inner sides of the pilaster portions 17, and the intermediate wall 18, respectively. The space above the member 36 forms a compartment 36a, to receive the flush tank 36b for a toilet, of which space may serve as a storage receptacle, generally, is provided with a pair of pivoted doors 38, and the space between the members 36 and 37 is provided with two narrower side wall portions 39 which, with the wall 18 of the panel 16, form a medicine cabinet 40 and at the sides thereof narrow, vertical compartments 41 in which are disposed electric lamps 42. The medicine cabinet 40 is provided with a door 43 carrying a mirror 44 upon its outer side. The door 43 is hingedly secured at one edge to one of said side walls 39, and at its opposite side said door is provided with a suitable lock or catch 45, to engage with the other of said side walls 39 to hold said door 43 to closed position. The door 43 is further provided at each of its vertical edges with an angular deflector or shield 46 to mask the electric lights 42 disposed in the vertical compartments 41, the walls of which may be suitably painted or otherwise treated to serve as reflecting surfaces.

The inner sides of the pilaster portions 17, below the transverse member 37 are provided with brackets or guides 47 to receive a removable shelf 48.

To finish the lower edge of the panel 16 a base board 49 is secured to the sides and front of the pilaster portions 17 and to the front of the lower transverse member 25 of the panel.

The interior of the pilaster portions 17 serve to accommodate the hot and cold water supply pipes 13, 14, respectively, waste pipe 11 and vent pipe 12.

It is to be noted that by means of my invention it becomes possible to modernize an old style bath room without necessitating the tearing out of the old rough plumbing including supply, soil and vent pipes, as the same may be left in place and covered by the casing 16, and that by making said casing in two telescoping parts it may be readily adjusted to fit rooms of different heights and then secured in place to its adjusted position.

Having thus described my said invention, what I claim and desire to secure by Letters Patent is:

1. A bath room unit comprising a casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, and a vertical, intermediate wall portion uniting said channel portions.

2. A bath room unit comprising a casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, and a vertical, intermediate wall portion, having a recessed upper portion, uniting said channel portions.

3. A bath room unit comprising a casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, a vertical, intermediate wall portion, having a recessed upper portion, uniting said channel portions, and a plurality of transverse frame members in said recessed upper portion connecting said channel portions and dividing said recessed portion into a plurality of superposed compartments.

4. A bath room unit comprising a sheet metal casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, and a vertical intermediate wall portion uniting said channel portions and forming a recess therebetween of less depth than said channel portions.

5. A bath room unit comprising a casing including a plurality of interengaging parts adapted for securement to a wall and including vertical channel portions enclosing the water supply, soil and vent pipes, means for receiving and supporting a lavatory upon said casing, and means in said casing for accommodating the pipes connecting the lavatory fittings with said supply, soil and vent pipes enclosed by said casing.

6. A bath room unit comprising a casing adapted for securement to a wall and enclose the water supply, soil and vent pipes, means for receiving and supporting a lavatory upon said casing, means in said casing for accommodating the pipes connecting the lavatory fittings with said supply, soil and vent pipes enclosed by said casing; said casing having an opening therein below the point of support of said lavatory affording access to said supply, soil and vent pipes, and a removable closure for sealing said opening.

7. A bath room unit comprising a casing adapted for securement to a wall and enclose the water supply, soil and vent pipes, said casing including a flat lower portion, and hollow pilaster portions above said lower portion united by a recessed intervening wall portion, means for receiving and supporting a lavatory upon said casing, at the junction of its lower portion with said pilaster portions, and means in said casing for accommodating the pipes connecting said lavatory fittings with said supply, soil and vent pipes enclosed by said casing.

8. A bath room unit comprising a casing adapted for securement to a wall and enclose the water supply, soil and vent pipes, said casing including a flat lower portion, and hollow pilaster portions above said lower portion united by a recessed intervening wall portion, means for receiving and supporting a lavatory upon said casing, at the junction of its lower portion with said pilaster portions, and means in said casing for accommodating the pipes connecting said lavatory fittings with said supply, soil and vent pipes enclosed by said casing, an opening in said flat, lower portion, and a removable closure for said opening.

9. A bath room unit comprising a casing including a plurality of interfitting parts adapted for securement to a wall and including vertical channel portions enclosing the water supply, soil and vent pipes, means for receiving and supporting a lavatory upon said casing, and means in said casing for accommodating the pipes connecting said lavatory fittings with said supply, soil and vent pipes.

10. A bath room unit comprising a casing including a plurality of interfitting parts adapted for securement to a wall and including channel portions at its vertical sides enclosing the water supply, soil and vent pipes, means for receiving a

lavatory upon said casing intermediate said channel portions, means extending outwardly from the portion of said casing intermediate said channel portions for supporting the rear edge of the lavatory, and means in said casing for accommodating the pipes connecting said lavatory fittings with said supply, soil and vent pipes.

11. A bath room unit comprising a casing adapted for securement to a wall and including a longitudinal recessed upper portion disposed intermediate marginal channel portions adapted to enclose the water supply, soil and vent pipes, a lower portion having its front face flush with the front faces of said channel portions, and a flange extending outwardly for supporting the rear edge of a lavatory.

12. A bath room unit comprising a casing adapted for securement to a wall and including a longitudinal recessed upper portion disposed intermediate marginal channel portions adapted to enclose the water supply, soil and vent pipes, a plurality of spaced transverse frame members disposed in said longitudinal recessed portions having their front portions flush with the front walls of said channel portions and forming compartments, doors for said compartments; said casing including a lower portion having its front face flush with the front faces of said channel portions, and a flange extending outwardly for supporting the rear edge of the lavatory.

13. A bath room unit comprising a casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, a vertical, intermediate wall portion having a recessed upper portion, uniting said channel portions, a plurality of transverse frame members in said recessed upper portion connecting said channel portions and dividing said recessed portion into a plurality of superposed compartments, and vertical partitions between certain of said transverse frame members, illuminating means disposed in said compartments, and masking means concealing said illuminating means, and partially closing said compartments.

14. A bath room unit comprising a casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, a vertical, intermediate wall portion having a recessed upper portion, uniting said channel portions, a plurality of transverse frame members in said recessed upper portion connecting said channel portions and dividing said recessed portion into a plurality of superposed compartments, and vertical frame members disposed between certain of said transverse frame members serving to divide the space between said horizontal frame members into a plurality of compartments, means for partially covering the outer of said compartments, and illuminating means disposed in said outer compartments.

15. A bath room unit comprising a casing adapted for securement to a wall; said casing including vertical marginal channel portions for receiving and enclosing the water supply, soil and vent pipes, a vertical, intermediate wall portion having a recessed upper portion, uniting said channel portions, a plurality of transverse frame members in said recessed upper portion connecting said channel portions and dividing said recessed portion into a plurality of superposed compartments, and vertical frame members disposed between certain of said transverse frame members serving to divide the space between said horizontal frame members into a plurality of compartments, and cover members extending from the intermediate compartment, and partially covering the end compartments, and illuminating devices disposed in said side compartments and concealed by said cover members.

GEORGE SAKIER.