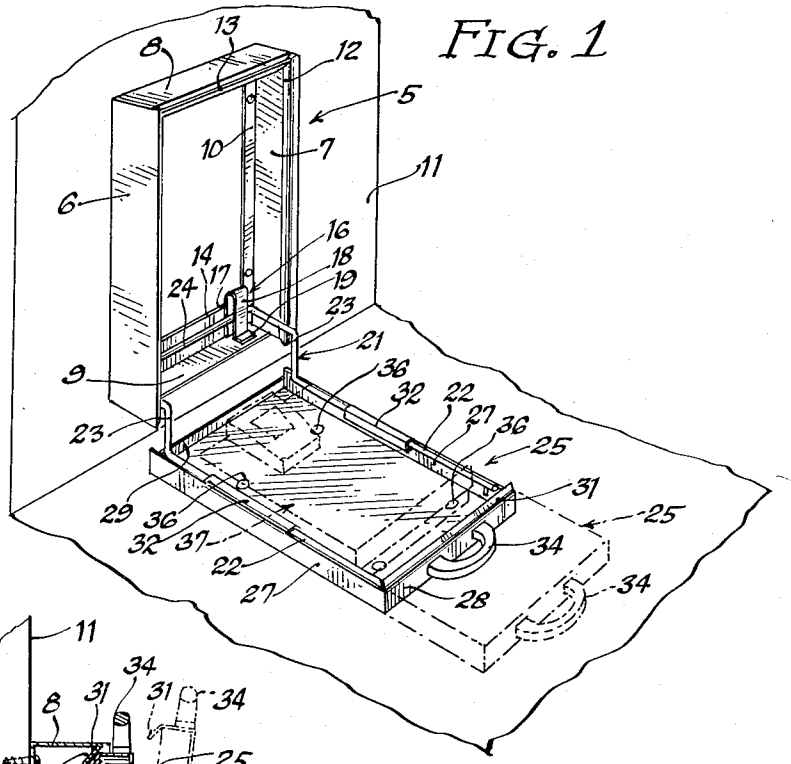
March 27, 1962 A. W. DUNCAN 3,027,215

DOOR OR WALL MOUNTED SCALE CABINET

Filed Oct. 19, 1959

FIG. 1



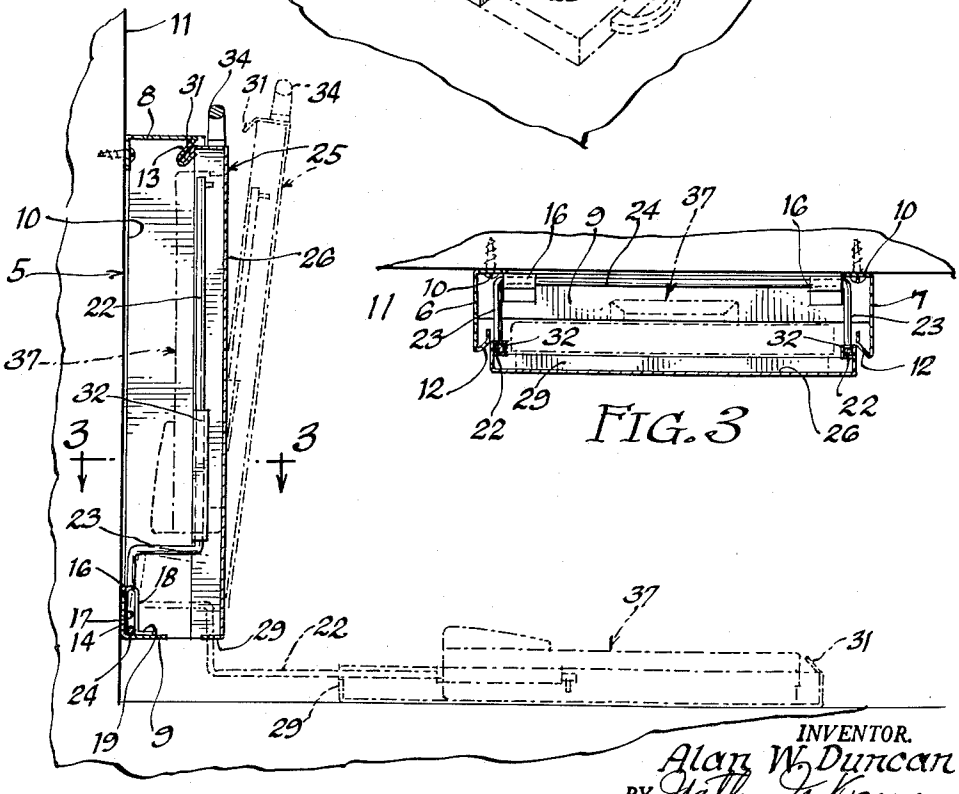


FIG. 2

FIG. 3

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DOOR OR WALL MOUNTED SCALE CABINET

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1 Claim. (Cl. 312—245)

This invention relates to a door or wall mounted cabinet for supporting a weighing scale selectively in operative and inoperative positions.

One of the objects of my invention is the provision of a novel cabinet adapted for attachment to a wall or door surface for supporting and storing a bathroom-type weighing scale when not in use, the portion of the cabinet carrying the scale being readily movable to rest on a floor surface to position the scale for use.

Another object of my invention is the provision of a cabinet of the foregoing character which is self-adjustable to variations in floor surfaces and which is adjustable in a horizontal direction in relation to a vertical wall surface.

Another object of my invention is the provision of a cabinet of the foregoing character which is arranged to hold a bathroom scale selectively in operative or inoperative positions with a minimum of operating effort.

Other and further objects and advantages of my invention will become apparent from the following description when considered in connection with the accompanying drawings in which:

FIGURE 1 is a perspective view of a preferred embodiment of my invention showing the cabinet open and the weighing scale in an operative position.

FIG. 2 is a vertical cross-sectional view showing, in solid lines, the cabinet in closed position and showing, in broken lines, the cabinet in intermediate and fully open positions and

FIG. 3 is a cross-sectional view taken on line 3—3 of FIG. 2.

Referring to the drawings, the numeral 5 indicates generally a shell constituting the base of the cabinet, the same being formed of sheet metal and including side walls 6 and 7 and top and bottom walls 8 and 9, respectively. Each of the side walls 6 and 7 has a rearward inturned flange 10 which is perforated to receive screws by which the shell may be secured to a wall or door surface 11 in close proximity to but above a floor surface. The forward edges of the side walls 6 and 7 are provided with flanges 12 which as seen clearly in FIG. 3 afford angular surfaces cooperating with the cover member hereinafter to be described. The top wall 8 is provided with an angular double lip 13 opening forwardly, for a purpose as will be hereinafter explained. The bottom wall 9 is of less depth than the other walls for purposes of clearance and also is provided with a rear flange 14.

A pair of inverted substantially U-shaped brackets 16 is arranged as illustrated in the drawings, with the rearward leg 17 of each spot-welded to the flange 14 of the bottom wall. The forward leg 18 of each bracket is provided with a flange 19 which is spot-welded to the bottom wall 9.

A generally U-shaped rod member 21 is retained between brackets 16. Said member includes a pair of parallel legs 22, the lower portions 23 of which, as viewed in FIG. 2, are offset and are connected with a transverse member 24, the latter being received between the legs of the brackets 16, as illustrated. As will be seen clearly in FIG. 2, the length of the portions 23 as well as the depth of offset correspond substantially to the depth of the side walls 6 and 7.

The cover member of the cabinet indicated generally by the numeral 25 is formed of sheet metal and includes a base panel 26, side walls 27 and top and bottom walls 28 and 29 respectively. The top wall 28 is provided with

an inturned angular lip 31 arranged to be received between the double lips 13 as illustrated clearly in FIG. 2. The side walls 27 are each provided at their upper edges with integral extensions formed into tubular portions 32, each arranged to slidably receive a leg 22 of the member 21. The bottom wall 29 is of reduced depth for purposes of clearance. A suitable handle member 34 is secured to the top wall 28, the handle affording means by which the weighing scale may be moved to operative or inoperative positions.

The panel 26 of the cover member 25 is provided with a plurality of apertures 36 through which suitable fastening means may be passed for securing a conventional bathroom-type weighing scale 37 to the panel, the scale being shown in broken lines. In normal out-of-use position the scale 37 and cover member 25 assume the relationship illustrated by the solid lines in FIG. 2 with the lip 31 received in the double lip 13 and the cover member and scale actually hanging from said double lip 13.

In order to move the scale 37 to operative position, the handle 34 is engaged so as to lift the cover member 25 and its associated lip 31 out of engagement with the double lip 13, in the manner illustrated by the intermediate broken lines in FIG. 2, and then swinging the cover member 25 in a clockwise direction so as to rest the same on a floor surface, as illustrated by the broken lines in FIG. 2. It will be apparent that the brackets afford a substantial amount of vertical movement to the transverse member 24 permitting the cover member to adjust itself to a floor level within the range afforded by the brackets. It will also be seen that by reason of the sliding relationship of the legs 22 within the tubular portions 32 of the cover member, the cover member may be moved horizontally, relative to the shell 5 for example, to the position illustrated by the broken lines in FIG. 1, so as to permit a person of relatively large size to conveniently stand on the scale.

In order to move the cover member 25 and scale 37 to out-of-use position, the handle 34 is engaged and the cover and the cover member and scale swung counter-clockwise to the position wherein the lip 31 of the cover member is received between the lips 13 of the shell.

Various changes coming within the spirit of my invention may suggest themselves to those skilled in the art; hence, I do not wish to be limited to the specific embodiments shown and described or uses mentioned, but intend the same to be merely exemplary, the scope of my invention being limited only by the appended claim.

I claim:

A cabinet comprising a shell arranged to be mounted on a wall surface with the lower end of said shell being in close proximity to, but spaced from a floor surface, a cover member including a panel arranged to support a weighing scale, a generally U-shaped rod member including a horizontal section extending substantially across the width of said shell, and a pair of parallel legs extending substantially at right angles to said transverse section, each of said legs including first, second and third integral sections all disposed in a vertical plane, the first section connecting with said transverse section and being disposed at a right angle thereto, the second section being disposed at a right angle to the first section and the third section being disposed at a right angle to the second section and substantially parallel to said first section, bracket means carried within said shell and having elongated vertical openings arranged to receive said transverse section and affording a slidable and pivotal connection between the U-shaped member and the shell, means carried on opposite edges of said cover member slidably receiving said third sections whereby in operative horizontal position said cover member may be moved relative to said wall surface longitudinally of said legs, said cover member being mov-

able about the axis of said horizontal section between vertical storage position when the cover member is closed and operative horizontal position when the cover member is open and resing upon the floor.

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