T. DUNBAR.

WASHSTAND.

APPLICATION FILED OCT. 30, 1909.

965,164.

Patented July 26, 1910.

2 SHEETS—SHEET 1.

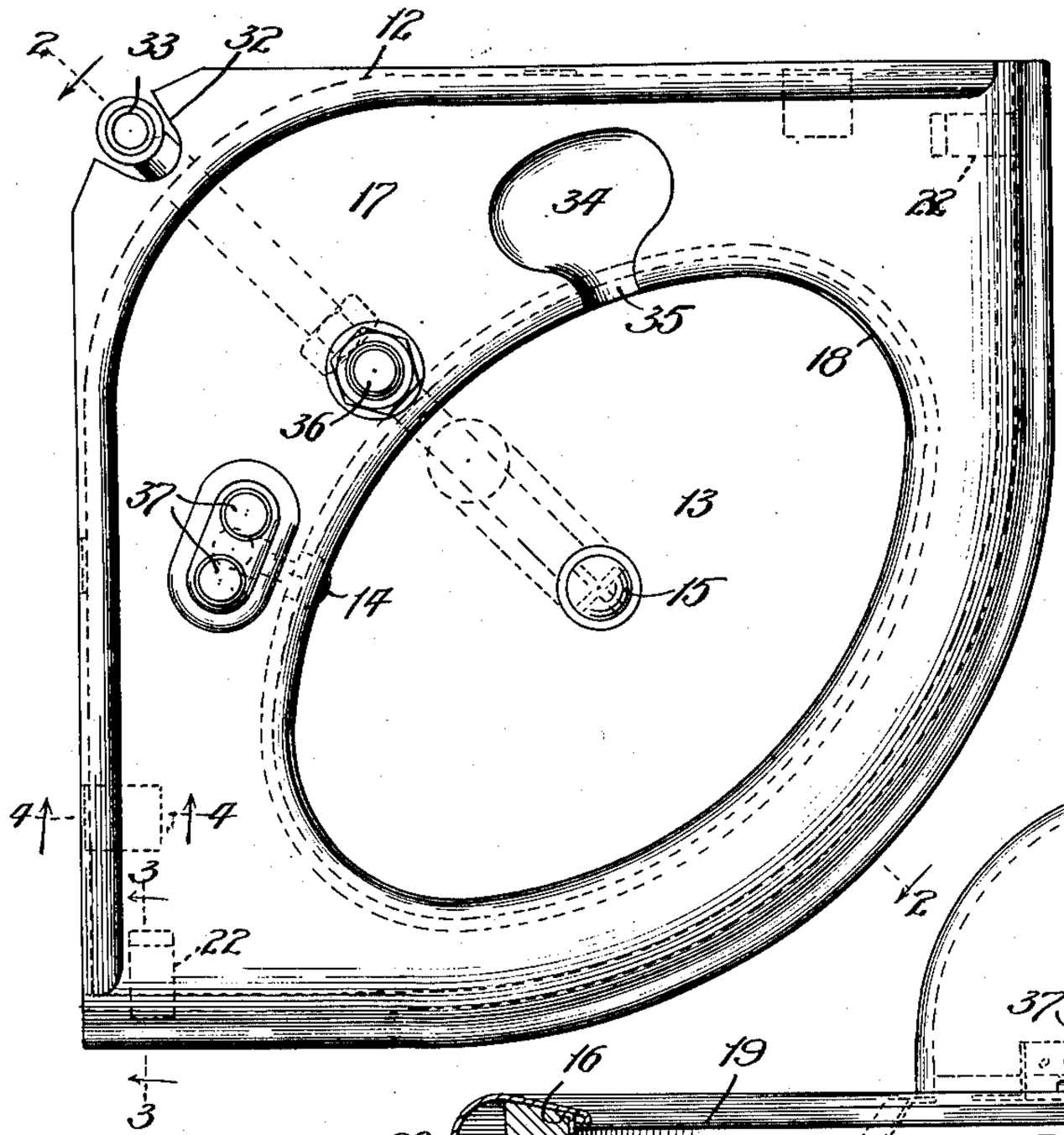


Fig. 1.

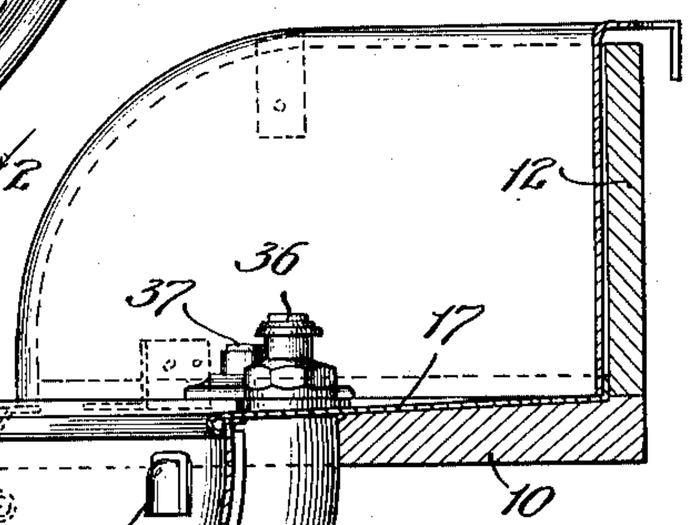
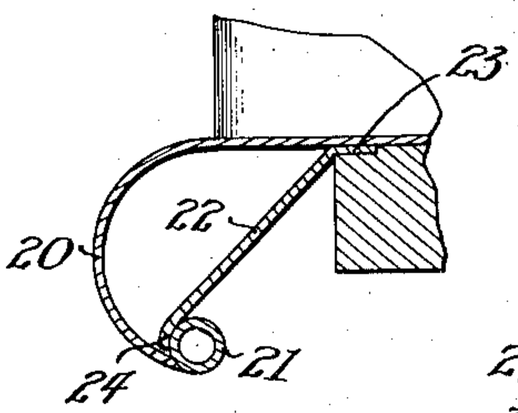


Fig. 2

Fig 3



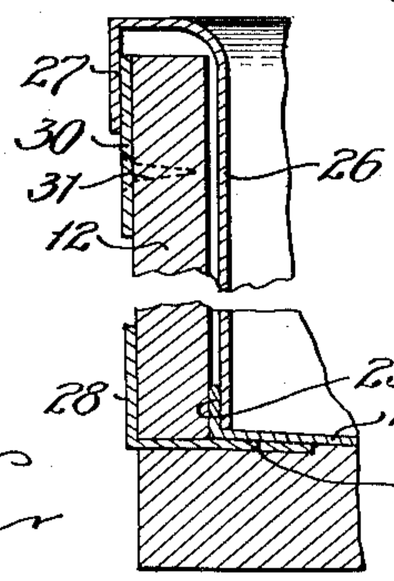


Fig. 4

Witnesses:

Geo. C. Hamm.

Maurice Goldberger

Inventor:

Thomas Dunbar

By Lothrop Bell & Fuller

Attys.

T. DUNBAR.

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2 SHEETS—SHEET 2.

Fig. 5

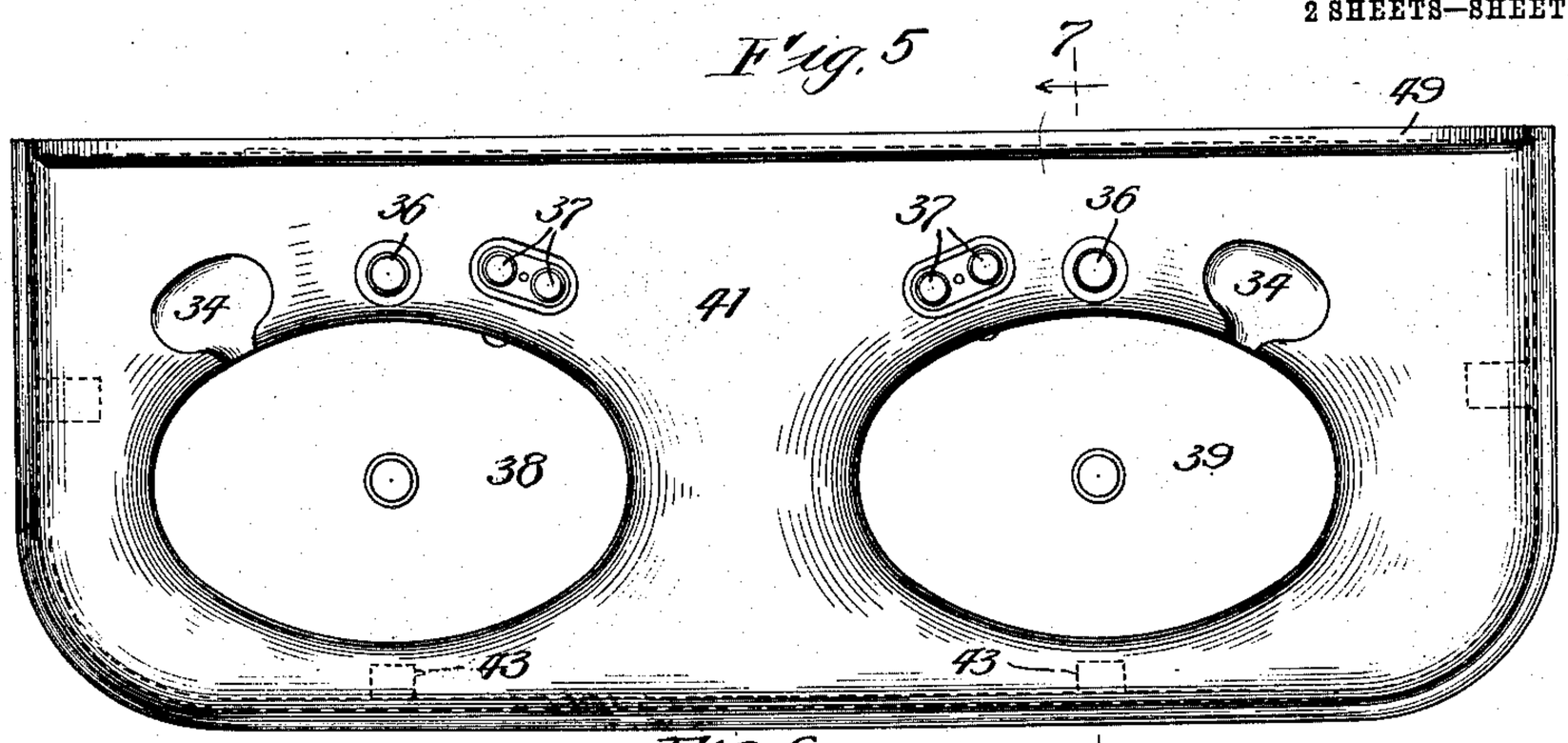


Fig. 6

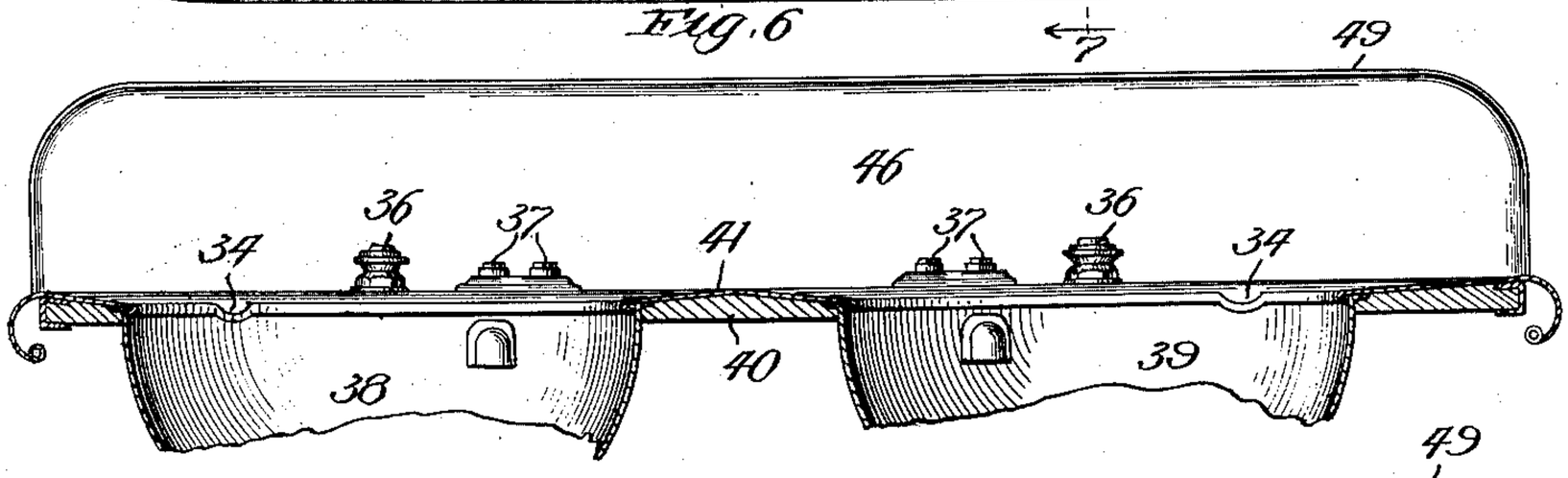


Fig. 7

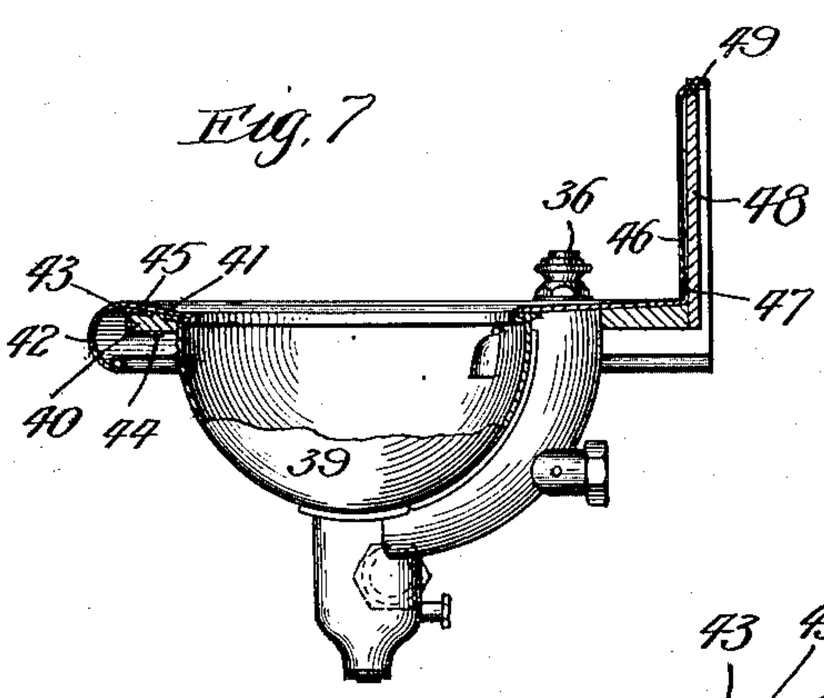
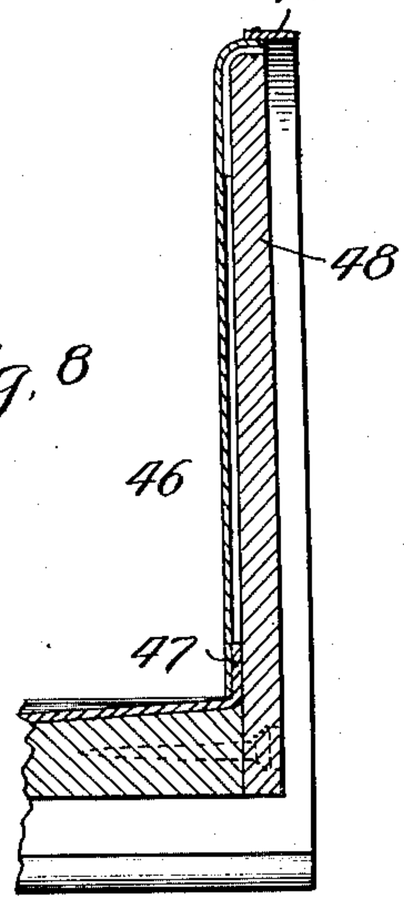
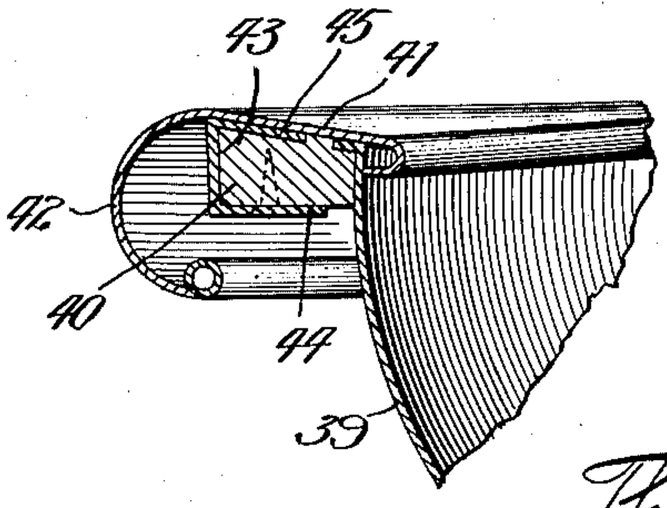


Fig. 8





Witnesses:

G. A. Paulsenschmidt

Geo. C. Dovison.

Inventor:

Thomas Dunbar

By Lothrop Bell & Fuller

Attys

UNITED STATES PATENT OFFICE.

THOMAS DUNBAR, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE PULLMAN COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

WASHSTAND.

965,164. Specification of Letters Patent. Patented July 26, 1910.

Application filed October 30, 1909. Serial No. 525,573.

To all whom it may concern:

Be it known that I, THOMAS DUNBAR, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Washstands, of which the following is a specification.

My present invention relates to features of improvement and novelty in the construction of washstands in general, although the invention is particularly applicable to washstands or basins made of sheet-metal, designed primarily for use in railway cars, although, as will be readily understood from the invention which is described in detail below, these stands may be satisfactorily used in many other relations. In fact, they can be advantageously employed in any place where the usual washstand is used.

The leading aim and purpose of the invention is the construction of a washstand which shall be made practically entirely of sheet-metal, which will present a neat and pleasing appearance, the basin of which will be supplied with an anti-splash rim, and the edges of the device shall be formed so as to present an attractive appearance, produced at a minimum of expense.

In the accompanying drawings I have illustrated in detail two preferred and desirable embodiments of the invention, and in the drawings,—Figure 1 is a plan view of a corner washstand containing the features of this invention; Fig. 2 is a vertical cross-section of the same on line 2—2, a portion of the piping being omitted; Fig. 3 is an enlarged fragmentary section on line 3—3 of Fig. 1; Fig. 4 is a similar fragmentary section on line 4—4 of Fig. 1; Fig. 5 is a plan view of a double washstand; Fig. 6 is a fragmentary, central, longitudinal vertical section through the same; Fig. 7 is a transverse section on line 7—7 of Fig. 5; and Fig. 8 shows fragments on an enlarged scale of the section indicated in Fig. 7.

Referring first to Figs. 1 to 4, inclusive, it will be noticed that the device is composed or built up of a main support 10 of any suitable material, such as wood, and provided with a substantially elliptical hole or aperture 11 extended therethrough, such base or support being shaped for the application of the basin to the corner of a room or compartment. Along two of its edges this support has upstanding therefrom a wall 12, which may also be conveniently made of wood. The elliptical basin proper 13 has an inlet 14 for the admission of water and a discharge valve 15, both of which are controlled by means hereinafter set forth. As is clearly indicated in Fig. 2, the top marginal edge of this sheet-metal, elliptical basin is provided with an outturned flange 16, which may be let or sunk into the top face of the support 10 around the margin of its basin-receiving aperture 11. The top of the support 10 is formed, as shown in Fig. 2, so as to slope or incline toward the basin, whereby any liquid on the sheet-metal top hereinafter referred to will readily flow into such basin. This sheet-metal top 17 is superposed on the support 10, and is provided with an elliptical aperture 18 slightly smaller than the mouth of the basin, the sheet-metal forming the margin of such aperture being bent or rolled downwardly and then outwardly to engage the inner face of the basin, whereby to form a neat, curved, anti-splash rim 19 disposed inside the basin at its top. Along the front of the washstand this sheet-metal top is curved downwardly to form the roll or finish 20, which has soldered or otherwise suitably attached to its lower edge a small finishing metal tube 21, which acts to do away with the rather sharp edge of the thin sheet-metal. In order that this roll finish 20 and its tube 21 may be properly supported and braced because of its extension over the edge of the support 10, I provide any suitable number of sheet-metal braces 22, soldered or otherwise fastened at 23 to the under surface of the top, and similarly secured at 24 to the concealed face of the finishing tube 21. In the drawings, I have illustrated only two of such braces, though, as will be readily understood, any required or desirable number may be employed. Along its back edge, the top plate 17 is turned up in front of the wooden back 12 to provide a flange 25, in front of and secured to which, as by solder or other means, is the lower part of the sheet-metal back 26 covering the front face and top of the wooden back or support 12, such sheet-metal section 26 also being bent down at 27 over the top back portion of the wooden support 12. In order to fasten this metal back 26 properly to the wooden back, I provide two or more angles 28, one upward leg of each of which engages

the back surface of the support 12, the other horizontal leg protruding forwardly or inwardly beneath the part 12 and also beneath the top 17, to which it may be soldered or otherwise fastened at 29. In this way a secure and effective connection is obtained between the metal construction of the washstand and the supporting back 12. The downwardly extended flange 27 is connected to the part 12 by any desirable number of sheet-metal plates 30 fastened to the back of the board 12 by one or more screws 31, and disposed inside of the flange 27, to which it may be soldered. Referring to Fig. 1, it will be noticed that the top of this sheet-metal back is notched or cut away at 32 to permit the passage of the water supply pipe 33.

The top 17 is supplied with a depression or cavity 34 communicating at 35 with the basin 13, such recess being intended and adapted to accommodate a cake of soap, the supporting plate 10 being similarly cut out to conform to the shape of such depression in the metal top. Upon the medial line and at the top of the washstand, I provide any suitable form of operating mechanism 36 for the control and actuation of the outlet valve 15, while on the side of the washstand opposite the soap-recess I equip the appliance with two push buttons 37 controlling the supply of hot and cold water. Inasmuch as the details of these valve-operating constructions do not enter into this invention, I have deemed it unnecessary to illustrate their peculiar and characteristic structural features.

From a consideration of the foregoing, it will be apparent that by my invention, I am enabled to manufacture sheet-metal washstands at a minimum of expense, the sheet-metal of the same being effectively and adequately secured or attached to the proper supports, in the present instance, the parts 10 and 12. It should also be obvious that a washstand of this kind presents a pleasing appearance to the eye, and that the valve-controlling devices and soap recess by their symmetrical arrangement add to the attractiveness of the appliance.

Referring now to Figs. 5 to 8, inclusive, it will be apparent that the duplex washstand therein shown contains in substance the characteristic features of invention embodied in the corner washstand of Fig. 1, and for that reason I have deemed it unnecessary to herein enter into a detailed description of this particular embodiment except to the extent that it differs in construction from the corner stand.

As is clearly shown, the washstand has a pair of basins 38 and 39, each of which is supplied with its own valve-governing mechanisms and soap-holders. The wooden supporting top 40 and the metal top 41 covering the same are sloped, as is shown clearly in Fig. 6, toward the respective stands, whereby to drain from the top any water into one or the other of the two basins. For the attachment of the marginal roll 42 and the top itself 41 to the wooden support 40, I supply the edge of the latter with a bent sheet-metal plate 43 covering the outer edge of the wood and also a portion of its top and bottom, being secured thereto in any approved manner, screws 44 being used if found to be necessary or desirable. To the part of the plate 43 on the upper surface of the support 40, the sheet-metal top 41 is soldered or otherwise fastened at 45. The sheet-metal back 46 at its lower edge lies in front of the flange or upturned edge 47 of the plate 41, such metal back covering a wooden support or standard 48 of any suitable character. Instead of bending the plate 46 over to the back of the support 48, I provide its backwardly-bent edge with a strengthening and stiffening strap or metal band 49 overlapping the same, and riveted, soldered or otherwise secured thereto.

Although in the duplex washstand illustrated in the drawings I have shown no braces like those of Fig. 3, I wish to have it understood, however, that such braces or brackets may be employed if found to be necessary or desirable.

While I have indicated herein the peculiar features and characteristics of construction of two embodiments of the invention, I wish to have it understood, however, that the invention is not necessarily limited and restricted to these devices, since it is capable of embodiment in many other ways without sacrificing any benefits or advantages thereof.

I claim:

1. In a washstand, the combination of a sheet-metal basin, an apertured sheet-metal top fitted over said basin and having its edge rolled or curved downwardly to present a neat finish, a tube secured to the lower edge of the rolled or curved part of said top, and one or more braces fastened to the under side of the top and to said tube, substantially as described.

2. In a washstand, the combination of an apertured support, a sheet-metal basin fitted in said support, an apertured sheet-metal top fitted over said support and basin, the outer edge of said top being rolled or curved downwardly to present a neat finish, and a sheet-metal member fastened to said support along its margin, said member and top being secured together, substantially as described.

THOMAS DUNBAR.

Witnesses:
C. W. BURNS,
C. W. PFLAGER.