May 22, 1956 V. C. STRMIC 2,746,664

ADJUSTABLE STAND FOR LAVATORIES

Filed April 11, 1952

Fig. 1.

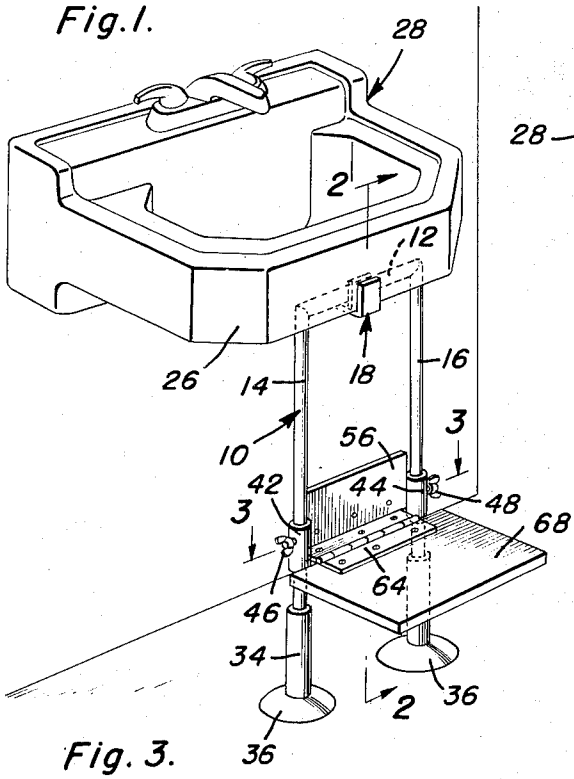


Fig. 2.

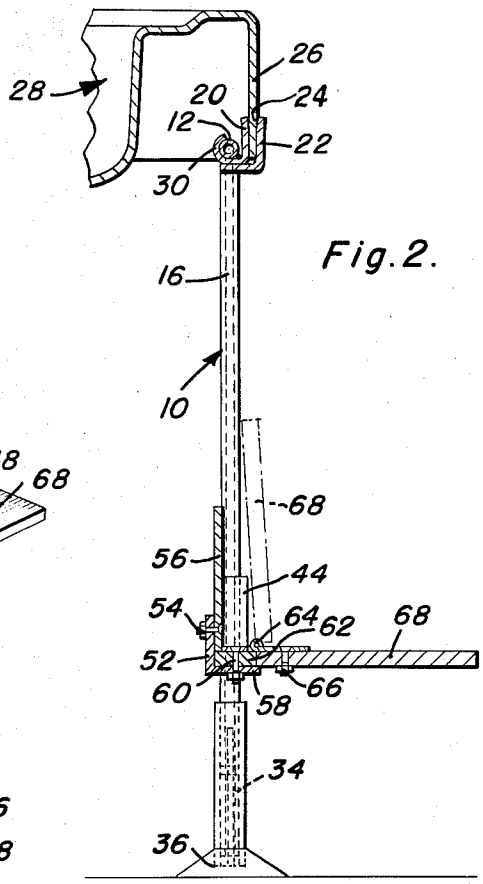


Fig. 3.

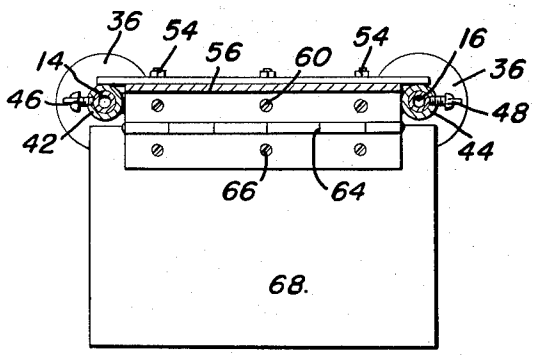


Fig. 4.

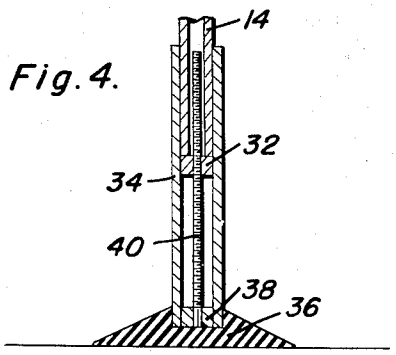
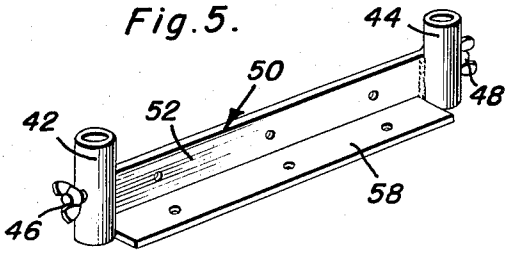


Fig. 5.



Victor C. Strmic

INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

United States Patent Office 2,746,664
Patented May 22, 1956

2,746,664

ADJUSTABLE STAND FOR LAVATORIES

Victor C. Strmic, Chicago, Ill.

Application April 11, 1952, Serial No. 281,788

2 Claims. (Cl. 228—45)

This invention relates to new and useful improvements in portable supports and the primary object of the present invention is to provide an adjustable stand clampingly disposed between a wash basin and floor and which includes a platform so that children may stand in a convenient position relative to the wash basin.

Another important object of the present invention is to provide an adjustable stand for lavatories involving parts that are quickly and readily adjusted to engage the depending apron of a lavatory and a floor surface beneath the same.

Yet another object of this invention is to provide an elevated platform that is swingably mounted upon a supporting frame and which platform may be raised to a vertically inclined position beneath a lavatory when not in use.

A further object of the present invention is to provide an adjustable stand for lavatories including a platform that is vertically adjustable to accommodate children of various sizes.

A still further aim of the present invention is to provide a device of the aforementioned character that is simple and practical in construction, strong and reliable in use, neat and attractive in appearance, inexpensive to manufacture, install and service, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view showing the present invention in use;

Figure 2 is a vertical sectional view taken substantially on the plane of section line 2—2 of Figure 1;

Figure 3 is a horizontal sectional view taken substantially on the plane of section line 3—3 of Figure 1;

Figure 4 is an enlarged detailed vertical sectional view of one of the floor engaging members and illustrating the means adjustably securing the same to the U-shaped support; and,

Figure 5 is a perspective view of the vertically adjustable platform supporting element used in the invention.

Referring now to the accompanying drawings in detail, wherein for the purpose of illustration there is disclosed a preferred embodiment of the present invention, the numeral **10** represents an inverted U-shaped tubular frame or support generally, including a horizontal bight portion **12** and a pair of spaced parallel vertical leg portions **14** and **16** joined at their upper ends by said bight portion.

A bracket **18** in the form of two angle members **20** and **22** is fixed to the bight portion **12**. The horizontal flanges of members **20** and **22** overlap each other and are fixed together, and the vertical flanges of the members **20** and **22** are spaced parallel to each other to define a channel **24** that will receive the depending apron **26** of a wash basin or lavatory **28** therein. Member **20** is provided with a curved lip **30** on its horizontal flange that is suitably fixed about bight portion **12**.

Nuts **32** are fixed to the lower ends of the leg portions **14** and **16** and include threaded vertical apertures that register with the interior of the leg portions. Tubes **34** are telescoped over the lower ends of the leg portions **14** and **16** and support resilient pressure feet or floor engaging elements **36** at their lower ends by any suitable means. Plugs **38** fixed in the lower ends of the tubes **34** fixedly support threaded rods **40** that extend axially through the tubes. The rods are threaded in the apertures in nuts **32** and extend upwardly into the leg portions of support **10**, to provide a means whereby the frame may be selectively raised or lowered.

A pair of sleeves **42** and **44** are slidably received on the leg portions **14** and **16**. The sleeves are formed with threaded apertures that receive set screws **46** and **48** that engage the uprights to retain the sleeves vertically adjusted on the uprights. The ends of an angle iron member **50** are fixed by welding, or the like to the sleeves **42** and **44**. The vertical flange **52** of member **50** is provided with apertures that receive fasteners **54** that extend through and secure a kick-board **56** against the flange **52**.

The horizontal flange **58** of member **50** is also provided with apertures that receive fasteners **60**. The fasteners **60** secure a base strip **62** against flange **58** and one leaf of a hinge **64** against the base strip. The free leaf of hinge **64** is secured by fasteners **66** to the upper surface of a rigid platform or step **68** having an inner edge that will abut the strip **62** to retain the step **68** horizontal even though a child is standing thereon. The step **68** may be raised to a vertically inclined position to rest against the leg portions **14** and **16** when the same is not in use, as shown by dotted lines in Figure 2.

In practical use of the present invention, the front portion of the apron **26** is extended between the vertical flanges **20** and **22** and the tubes **34** are manually rotated to bear against the floor surface under the basin **28**. Thus, the support **10** is held in a vertical position and engaged between the floor surface and the basin.

Next, the set screws **46**, **48** are loosened and the sleeves **42** and **44** moved upon the leg portions **14** and **16** to a desired height. The set screws **46**, **48** are next tightened to retain the sleeves **42** and **44** in their adjusted position.

The step **68** may be swung downwardly to its horizontal position for use and when step **68** is not in use, the same is swung to the dotted line position shown in Figure 2 so that the basin **28** may be used without interference from the step **68**.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A standing platform for wash basins and the like, said platform comprising an inverted U-shaped tubular support having a bight portion and a pair of parallel leg portions joined by said bight portion, a bracket secured to said bight portion and adapted to receive the depending apron of a wash basin, nuts fixed to the lower ends of said leg portions and having threaded apertures in communication with the interior of said leg portions, tubes telescoped over the lower ends of said

leg portions, bearing feet attached to the lower ends of said tubes, threaded rods fixed axially within said tubes and threaded through said apertures and extending upwardly into said leg portions, a pair of sleeves, adjustably slidably received on said leg portions, an elongated angle iron member terminally fixed to said sleeves and having a vertical flange and a horizontal flange, a kick board secured to said vertical flange, a base strip secured to said horizontal flange, and a step hinged to said base strip and engaged against the base strip to be retained in a horizontal position, said step being swingable upwardly from its horizontal position to rest against the leg portions when not in use.

2. A children's stand for lavatories of the type including a depending front apron, said stand comprising: a substantially U-shaped vertical support, a substantially channel shaped bracket on the bight portion of the support engageable upwardly with the apron from therebeneath for anchoring the support thereto, floor engaging

means on the legs of the support for adjusting same vertically for engaging the bracket with the apron, and a platform mounted on the support, said means including nuts fixed on the free ends of the legs, tubes slidably and rotatably mounted on the legs and depending therefrom, plugs fixed in said tubes, rods fixed on said plugs and threaded through the nuts, and feet on the lower ends of the tubes.

References Cited in the file of this patent

UNITED STATES PATENTS

816,292	Brent	Mar. 27, 1906
1,086,348	Bolognesi	Feb. 10, 1914
1,918,293	Seiler	July 18, 1933
2,158,949	Sarles	May 16, 1939
2,247,235	Hause	June 24, 1941
2,546,871	Schley	Mar. 27, 1951
2,582,528	Cranford	Jan. 15, 1952
2,599,529	Harvey	June 10, 1952