R. E. BOHRER.

WASHTUB SUPPORT.

APPLICATION FILED APR. 30, 1910.

979,123.

Patented Dec. 20, 1910.

2 SHEETS—SHEET 1.

FIG. 1.

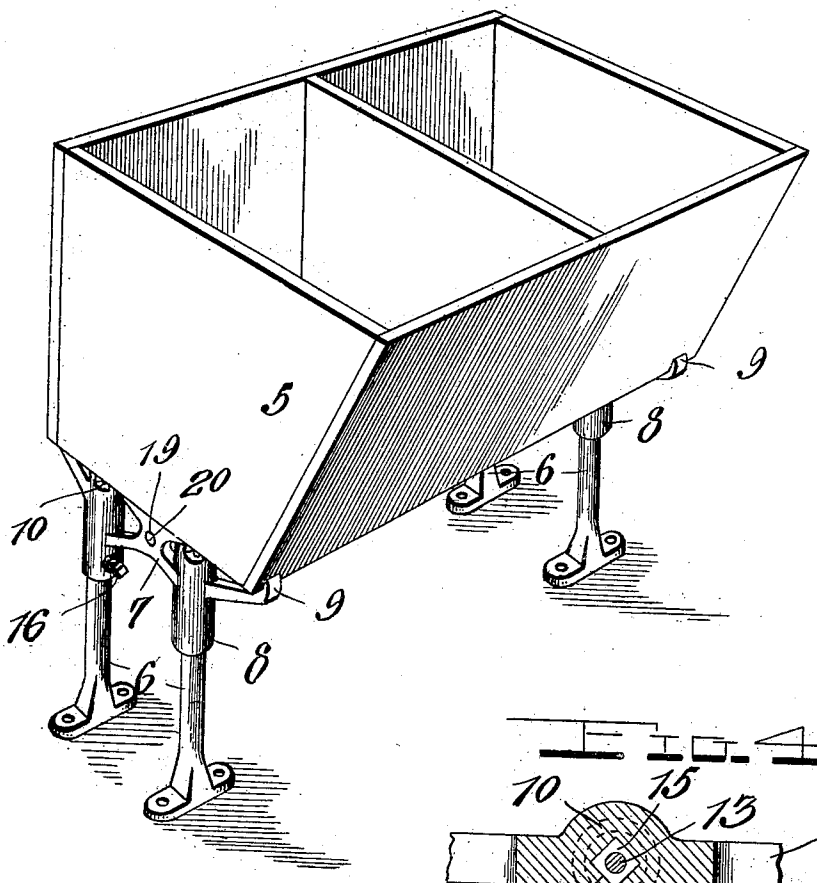
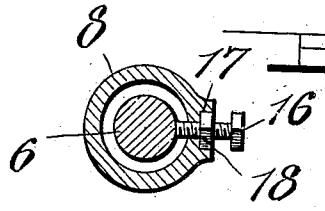


FIG. 4.

FIG. 5.



Witnesses

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2 SHEETS—SHEET 2.

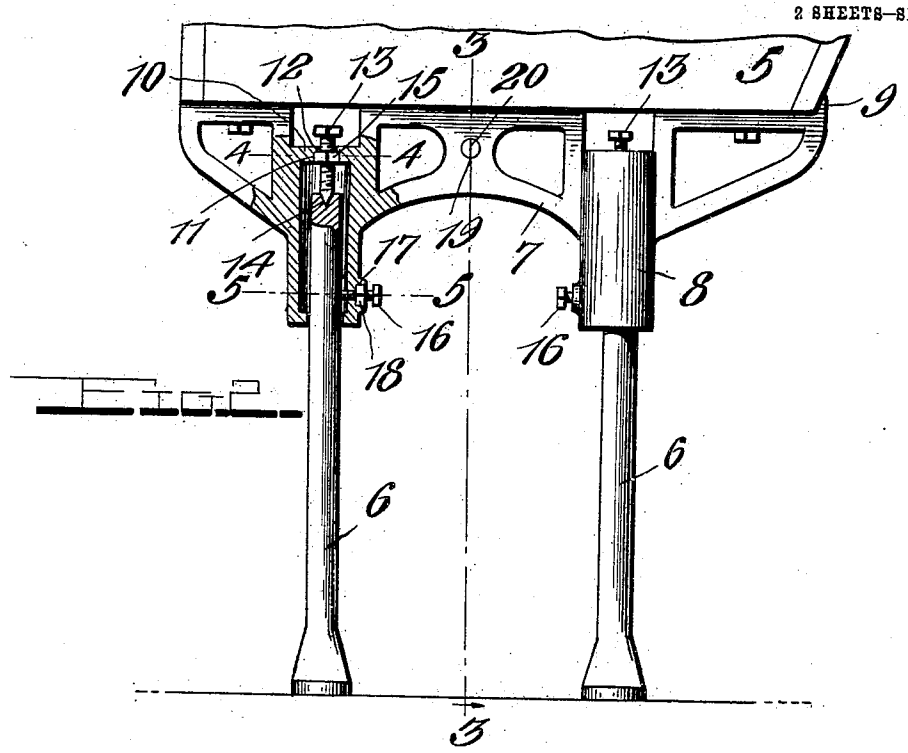

Fig. 2.

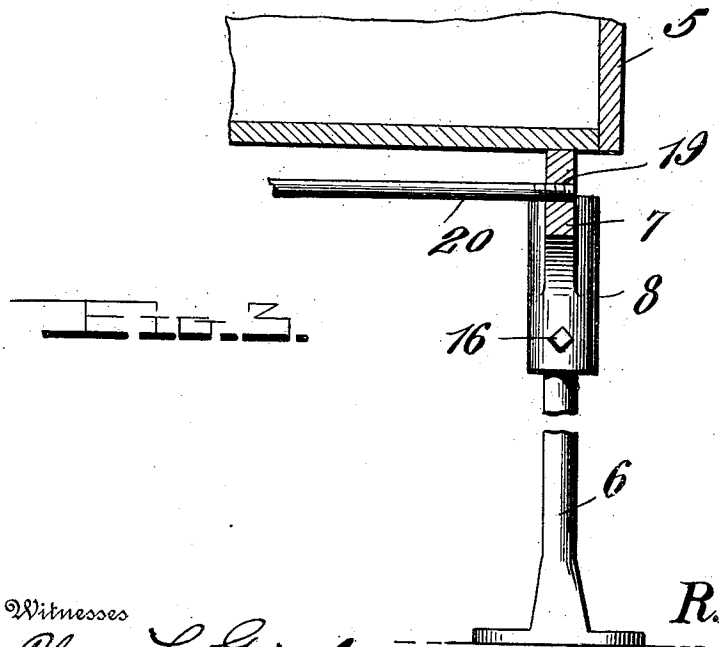

Fig. 3.

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UNITED STATES PATENT OFFICE.

RICHARD EDWARD BOHRER, OF ROCHESTER, NEW YORK.

WASHTUB-SUPPORT.

979,123. Specification of Letters Patent. Patented Dec. 20, 1910.

Application filed April 30, 1910. Serial No. 558,670.

To all whom it may concern:

Be it known that I, RICHARD E. BOHRER, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Washtub-Supports, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in supports for wash-stands, sinks and the like and has for its object to provide a support of simple construction whereby the wash-stand may be adjusted to any desired height above the floor.

Another object resides in the provision of a supporting structure of the above character whereby the stand support may be raised or lowered and means carried by the support for securely holding the support in its adjusted position.

With these and other objects in view, the invention consists of the novel features of construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a laundry tub showing the application of my improved support; Fig. 2 is an end view partly in section; Fig. 3 is a section taken on the line 3—3 of Fig. 2; Fig. 4 is an enlarged section taken on the line 4—4 of Fig. 2; and Fig. 5 is a section taken on the line 5—5 of Fig. 2.

Referring more particularly to the drawings 5 indicates a stationary wash-tub which may be of any approved construction. Beneath the tub and at each end thereof my improved supports are arranged. These supports extend transversely from front to back of the tub and each comprises the spaced stationary standards or legs 6. These standards are enlarged at their bottom to provide a suitable base which is adapted to be secured in any suitable manner to the floor.

To the bottom of each end of the tub 5 a casting 7 is secured. This casting is formed with the spaced tubular extensions 8 which are adapted to receive the upper ends of the supporting legs or standards 6. One end of the casting 7 is formed with an upturned flange 9 which is adapted to engage over the front lower edge of the laundry tub. The upper ends of the depending tubular portions 8 of the casting terminate below the upper edge of said casting which is engaged upon the bottom of the tub as clearly shown at 10 in Fig. 2 of the drawings. This end of the tubes 8 is closed and the lower ends thereof are open to receive the supporting legs 6. The closed ends 10 are each formed with a rectangular recess 11 in its under side, and a circular opening 12 extends through the closed end of the tube and communicates with said recess. An adjusting bolt 13 extends through the opening 12 and at its lower end is conically formed to engage in the conical depression or seat 14 formed in the upper end of the supporting legs 6. Upon the adjusting bolt 13 a polygonal nut 15 is threaded which is adapted to be disposed in the recess 11 of the tube 8. It will thus be obvious that the nut 15 remains stationary in said recess as the adjusting bolt 13 is threaded therethrough. The wash-tub may thus be easily and quickly raised or lowered upon the supporting legs 6 to properly arrange the same for the water pipe connections.

In order to securely lock the laundry tub upon the supporting legs or standards after it has been properly adjusted thereon, I provide a set screw 16 which is disposed through the tube 8 adjacent to its lower end. The tube is formed with an extension or boss 17 in which a nut 18 is positioned. The nut 18 and the recess in the boss are of square or other polygonal shape to prevent the turning of the nut therein. The set screw 16 is adapted to be threaded through this nut and into binding engagement with the supporting leg 6 whereby relative vertical movement of the casting 7 upon the ends of the supporting legs is prevented.

The castings are centrally provided with a threaded opening 19 which are adapted to receive the ends of a longitudinally extending brace rod 20. This brace rod serves as an additional means of support between the ends of the tub and provides a very strong and rigid connection between the two castings.

From the foregoing it will be seen that I have provided a very simple supporting structure for laundry tubs, kitchen sinks, wash basins and the like which may be very quickly adjusted upon the supporting legs or standards and securely held in such adjusted position so as to support the tub or sink at any desired elevation. The device is also extremely durable and of great conven-

ience and efficiency in practical use. Supports of this character are usually supplied to the trade in standard sizes and it often happens that the pipe connections to the water-main are so arranged that the faucets cannot be connected thereto without having the supports made to order. By means of my invention I provide a support which will obviate this undesirable feature while at the same time the cost of construction is not materially increased.

While I have shown and described the prefered embodiment of the invention, it will be understood that the same is susceptible of many minor modifications without materially departing from the essential feature or sacrificing any of the advantages thereof.

Having thus described the invention what is claimed is:—

1. In a support of the character described, the combination of a leg or standard, a casting having a tubular extension formed thereon open at one end to receive said standard, means arranged in the other end of the extension for adjusting the casting upon the standard, and means for rigidly securing the casting in its adjusted position.

2. In a support of the character described, the combination of a supporting leg or standard, a casting adapted to be secured to the bottom of a laundry tub or the like, said casting having a depending tubular extension open at one end to receive said standard, an adjusting screw movable through the other end of said extension engaged with said standard and adapted to support the tub thereon, and a set screw disposed through said extension adjacent to its lower end adapted to secure the tub in its adjusted position on the standard.

3. In a support of the character described, the combination of a pair of supporting legs or standards adapted to be arranged beneath each end of a laundry tub or the like, a casting transversely arranged beneath and secured to the tub, depending tubular extensions formed on the casting and adapted to receive the upper ends of said standards, said tubular extensions being closed at their upper ends, and each provided with a polygonal recess and a circular opening therein, an adjusting screw movable through said opening and recess, a nut disposed in the recess, said screw being threaded through said nut, the lower end of the screw having engagement in the upper end of the supporting standard, and means carried by each of said tubular extensions engaged with the standards to rigidly secure the tub in its adjusted position.

4. In a support of the character described, the combination of a pair of supporting legs or standards adapted to be arranged between each end of a laundry tub or the like, a casting transversely disposed beneath said tub and secured thereto, depending tubular extensions formed in said casting having their lower ends open to receive the standards and the upper ends of said extensions being closed, adjusting screws movable through the upper ends of said extensions and adapted to raise and lower the tub on the standards, the lower ends of said screws being conically formed, said standards having conical bearing seats formed in their end to receive the screws, and a set screw movably disposed through one side of each extension adjacent to its lower end adapted for binding engagement upon the standard to secure the tub in its adjusted position.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

RICHARD EDWARD BOHRER.

Witnesses:

HARRY BOWEN,

RICHARD P. GOSNELL.