May 9, 1933. E. S. ERICKSON 1,907,765

ADJUSTABLE LEG FOR SINKS

Filed Dec. 31, 1930

Fig. 1.

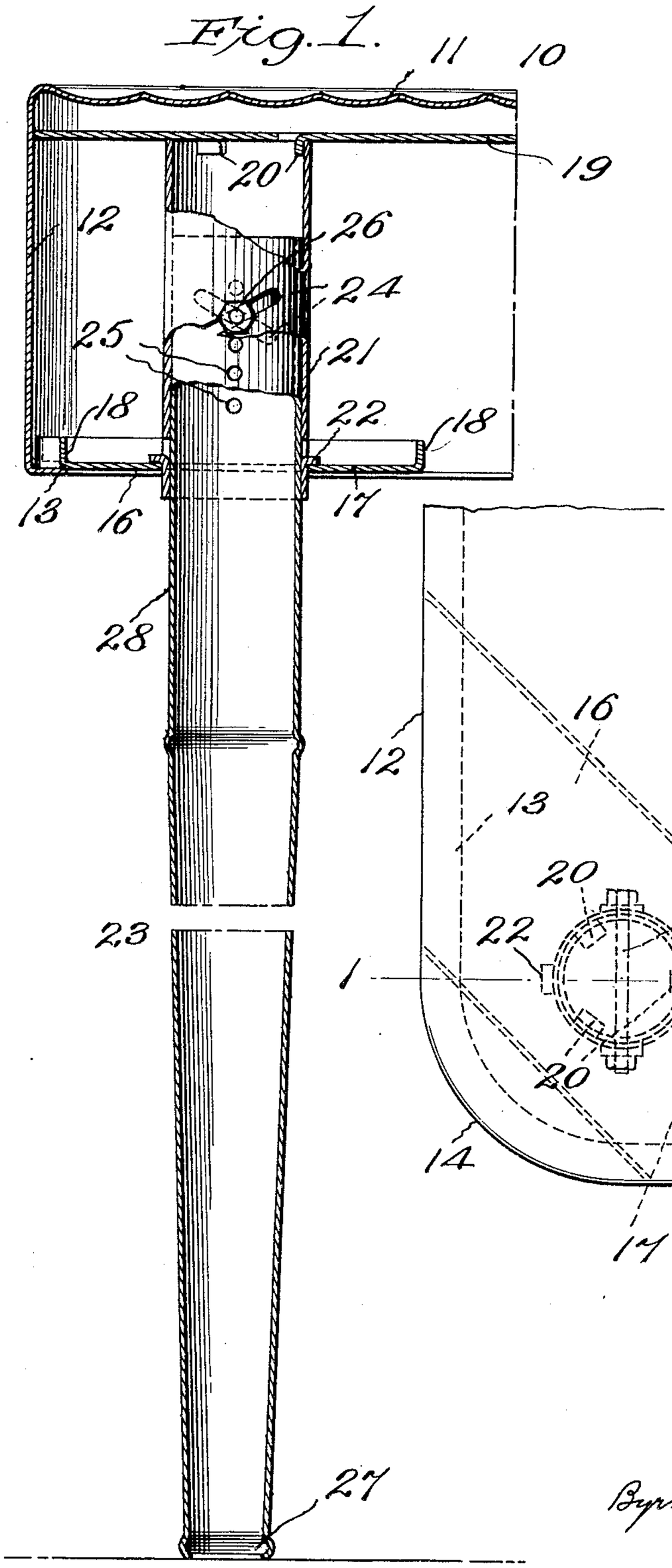
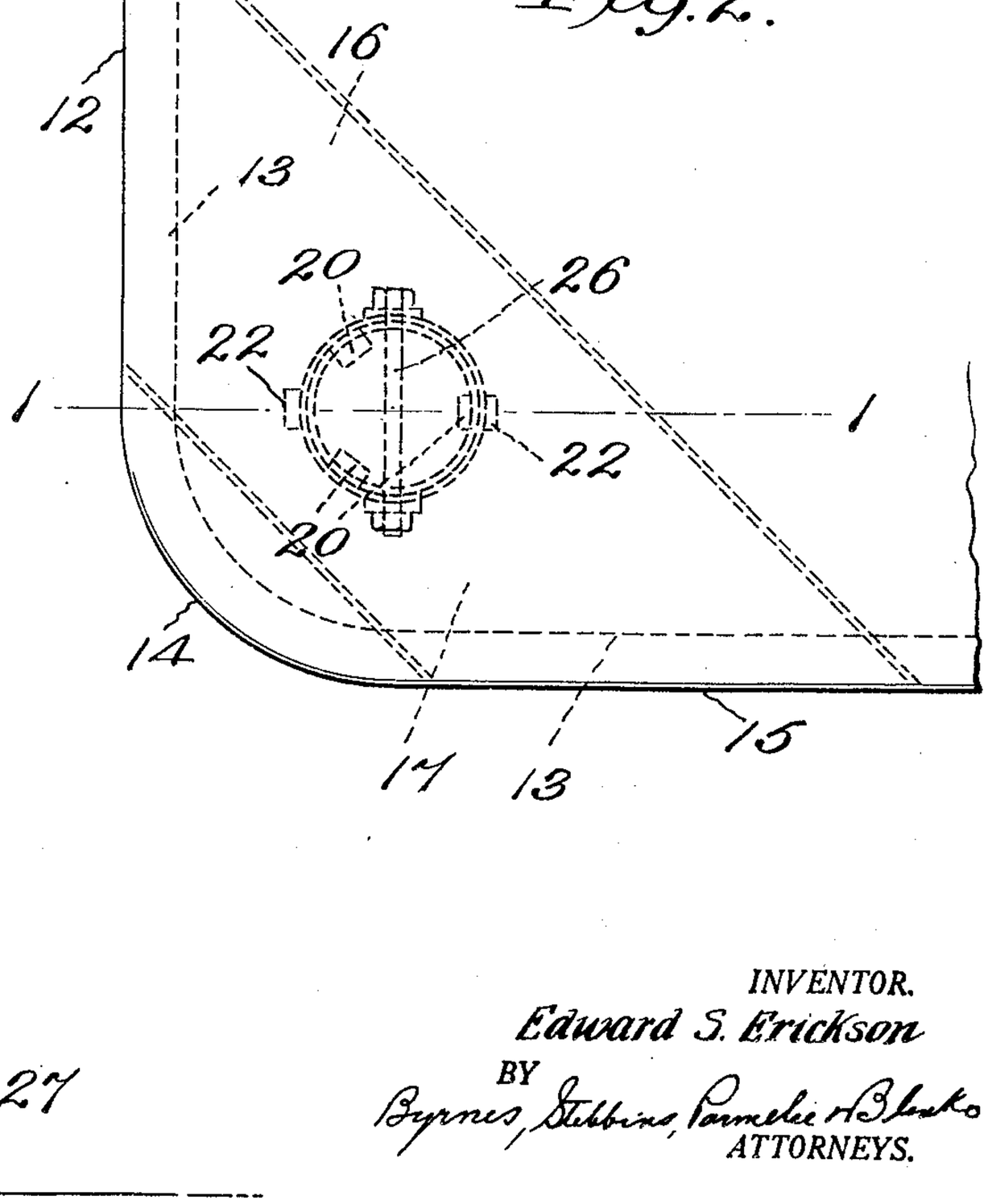


Fig. 2.



INVENTOR.
Edward S. Erickson
BY
Byrnes, Stebbins, Parmelee & Block
ATTORNEYS.

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UNITED STATES PATENT OFFICE

EDWARD S. ERICKSON, OF SALEM, OHIO, ASSIGNOR TO THE INTERNATIONAL NICKEL COMPANY, INC., OF NEW YORK, N. Y., A CORPORATION OF DELAWARE

ADJUSTABLE LEG FOR SINKS

Application filed December 31, 1930. Serial No. 505,884.

The invention relates in general to household sinks and more particularly to supporting legs therefor.

An object of the invention is to provide a supporting leg for a household sink, which is adjustable for different heights of sinks. Another object of the invention is to provide an adjustable leg for a household sink, which is easy to adjust and to install.

Another object of the invention is to provide an adjustable leg for a household sink, which is strong and whose parts may be rigidly clamped together after adjustment to prevent wobbling and to give adequate support.

Other objects of the invention will be apparent from the following description and claims when considered with the accompanying drawing in which

Fig. 1 represents a section of a supporting leg taken on the line 1—1 of Fig. 2; and

Fig. 2 is a top plan view of a part of a kitchen sink to which the leg is secured.

In the following description and in the claims parts will be identified by specific names for convenience, but they are intended to be as generic in their application to similar parts as the art will permit.

Like reference characters denote like parts in the several figures of the drawing.

In the drawing accompanying and forming part of this specification, a practical commercial embodiment of the invention is shown, but as such illustration is primarily for purposes of disclosure, it will be understood that the structure may be modified in various respects without departure from the broad spirit and scope of the invention as hereinafter defined and claimed.

Referring now to the drawing, 10 represents a part of a kitchen or other household sink which may be the drain board. The part 10 may conveniently be made of sheet material such as Monel metal, and as illustrated comprises a top plate 11 of substantially rectangular shape having depending side walls or flanges 12 and 15 meeting in a rounded corner 14, the walls 12, 14 and 15 being provided with an internal bottom flange 13.

Extending diagonally from the side wall 12 to the side wall 15 is a brace or gusset denoted by 16, which may also be made of sheet metal. The brace 16 comprises a flat plate portion 17 having upturned flanges 18. The brace 16 and the side walls 12 and 15 are secured together at the points of contact by soldering or welding, or any other method commonly used for securing sheet members together.

Below the top plate 11 is a reinforcing plate of heavy metal 19 which is secured to the top plate 11 in any desired manner, for the purpose of stiffening and strengthening the drain board.

Located between the plates 17 and 19 is a tubular socket member 21 which is positioned on reinforcing plate 19 by a plurality of depending ears 20 struck from the metal of the plate 19. The tubular socket member 21 passes through an opening in the plate 17 and has a pair of laterally extending ears 22 struck out thereof and positioned over the plate 17 of brace 16. If desired, the ears 20 and 22 may be welded or soldered to the tubular section 21 and plate 17, respectively.

Telescoping within the tubular socket member 21 is a leg member 23 having a portion 27 for resting upon the floor of the building and a portion 28 of uniform diameter which telescopes within the socket 21. The part 28 of the leg is provided with a plurality of spaced holes 25 passing through opposite walls of the tube and the socket member 21 is provided with a pair of oppositely inclined slots 24, each slot extending in the direction of the length of the leg, a distance equal to the distance between holes 25. A bolt and nut 26 passes through the slots 24 and a set of holes 25 to securely clamp the leg 23 in adjusted position.

To install the sink having the adjustable leg above described, the sink is mounted in position and the leg 23 is rested upon the floor and the bolt 26 is passed through the particular set of holes 25 which is nearest the middle of the slots 24. Then by rotating the leg 23 about its own axle the sink may be adjusted so that the leg takes the desired proportion of the weight of the sink. It will

be appreciated that the inclined slots 24 co-operating with the bolts 26 cause a vertical movement of the socket 21 and parts to which it is fixedly connected by a rotation of the leg 23 about its own axis. When a proper adjustment is once obtained, the bolt and nut 26 is tightened and the socket and leg are rigidly and immovably secured together so that the structure has great stiffness and rigidity and will allow no wobbling.

While certain novel features of the invention have been shown and described and are pointed out in the annexed claims, it will be understood that various omissions, substitutions and changes in the forms and details of the device illustrated and in its operation may be made by those skilled in the art without departing from the spirit of the invention.

What is claimed is:

1. In a device of the class described, a body, a tubular socket member secured thereto, an extensible leg within said socket member, said leg and socket member comprising tubular sections, one of said tubular sections having oppositely extending inclined slots and the other tubular sections having a plurality of vertically spaced holes, and a bolt passing through one set of said holes and said slots whereby said leg may be adjusted to any height of said body.

2. In a sink, a sink body having a reinforcing web across a corner of the sink body and connected thereto, a tubular socket member extending between said web, and the sink body, an extensible leg within said socket member, said leg and socket member comprising tubular sections, one of said tubular sections having oppositely extending inclined slots and the other tubular sections having a plurality of vertically spaced holes which are spaced apart a distance equal to the longitudinal extent of said slots, and a bolt passing through one set of said holes and said slots, whereby said leg may be adjusted to any height of sink.

3. In a household sink, an upper member having depending projections, a lower member having a hole, a tubular socket member in said hole having its upper end positioned by said projections, projections on said tubular member overlying said lower member, a leg member within said tubular socket member, and means for adjustably securing said leg member in said socket member.

4. In an article of the class described, first and second spaced members, said second member having a hole, said first member having projections extending toward said second member, a third member in said hole and positioned with respect to said first member by said projections, and second projections on said third member engaging over said second member to hold said third member against said first member.

5. In a sink, a sink body, a reinforcing web extending across an interior corner of said sink body and fixedly secured thereto, a tubular socket member secured to said sink body and to said reinforcing web, an extensible leg within said socket member, said leg and socket member comprising tubular sections, one of said tubular sections having oppositely extending inclined slots and the other tubular sections having a plurality of vertically spaced holes, and a bolt passing through one set of said holes and said slots whereby said leg may be adjusted to any height of said body.

6. In a sink, a sink body, a reinforcing web extending across an interior corner of said sink body and fixedly secured thereto, a tubular socket member secured to said sink body and to said reinforcing web, an extensible leg within said socket member, said leg and socket member comprising tubular telescoping sections, one of said tubular sections having oppositely extending inclined slots and the other tubular sections having a plurality of vertically spaced holes, and a bolt passing through one set of said holes and said slots whereby said leg may be adjusted to any height of said body by positioning the bolt in a selected hole to give the major adjustment and by rotating the sections by means of inclined slot to give minor adjustment.

In testimony whereof, I have hereunto set my hand.

EDWARD S. ERICKSON.