

D. H. DONACHY.  
ADJUSTABLE WASHBASIN.  
APPLICATION FILED APR. 18, 1910.

991,609.

Patented May 9, 1911.

2 SHEETS—SHEET 1.

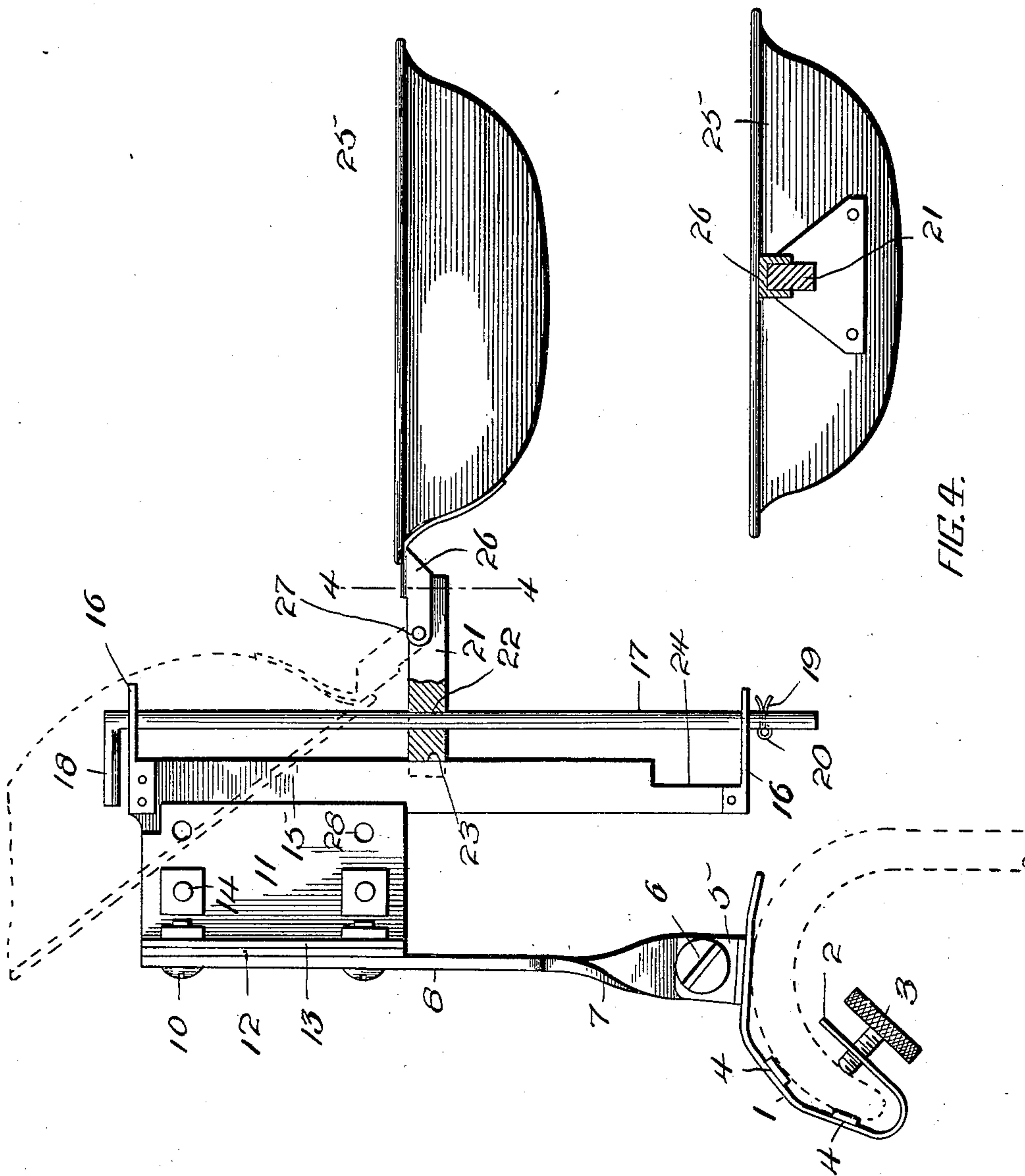


FIG. 1.

FIG. 4.

WITNESSES:

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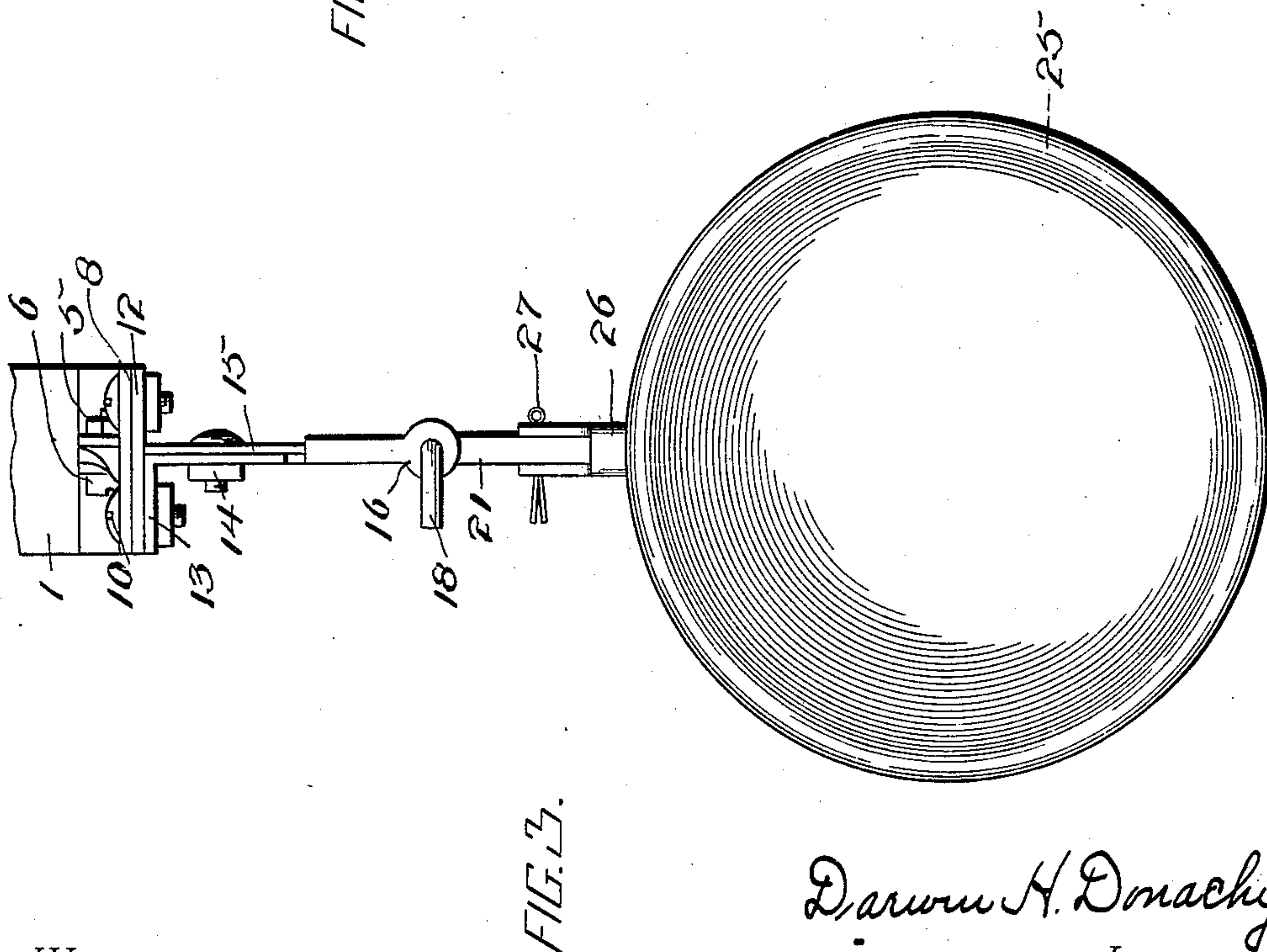
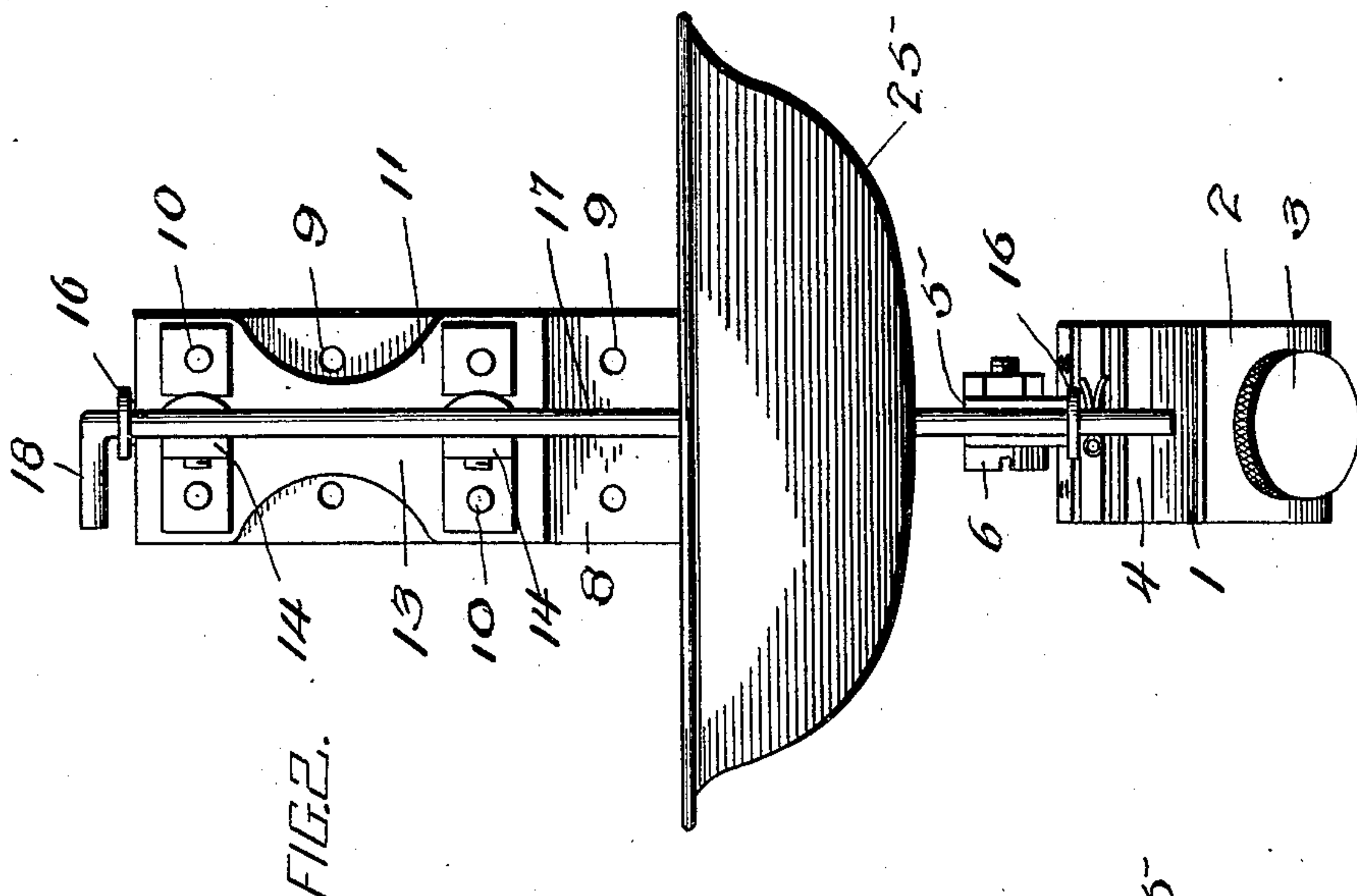
Attorney

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE WASHBASIN.

991,609.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed April 18, 1910. Serial No. 556,174.

*To all whom it may concern:*

Be it known that I, DARWIN H. DONACHY, a citizen of the United States, residing at Williamsport, in the county of Lycoming and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Washbasins; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in adjustable wash-basins.

The main and primary object of the present invention is the provision of an adjustable wash-basin which is of a portable character, whereby the same may be readily applied at different points, but more particularly adapted for application to the side or rim of a bath tub, and to this end the invention contemplates a structure of extreme simplicity, whereby to enable it to be made and marketed at a low figure.

The invention also contemplates a structure, which, while designed to permit a fixed adjustment of the basin, will permit the basin to be readily raised or lowered freely and independently of the fixed adjustment, thus providing ready adjustment of the height of the basin to adapt it for use by persons of varying heights, and requiring different positions of the basin.

The invention also aims to provide an adjustable wash-basin in which the basin has an independent adjustment of the adjustable support, which independent adjustment is effected without the necessity of employing fastening devices for maintaining the basin in its positions of independent adjustment.

Having these general objects in view, and others which will appear as the nature of the improvements is better understood, the invention consists substantially in the novel construction, combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the appended claims.

In the drawings—Figure 1 is a side elevation of an adjustable wash-basin constructed in accordance with the present invention, and illustrated in applied position upon the rim of a bath tub, the supporting block being in section to show the manner

of its engagement with the guide rod and supporting bracket, and the position of the basin, when raised, being illustrated by dotted lines. Fig. 2 is a front elevation thereof. Fig. 3 is a top plan view. Fig. 4 is a sectional elevation on the line 4—4, Fig. 1.

Referring in detail to the drawings, 1 designates a fastening clip the lower end of which is curved backwardly upon its body portion, as at 2, and said end receives a fastening screw 3 which engages the underside of the rim or edge of a bath tub in order to support the fastening clip in position thereon. This screw coöperates with a pair of strips 4 carried by the body portion of the clip 1 for effecting the engagement referred to.

The clip 1 is provided with a pair of spaced ears 5 in which is pivotally connected, as by a screw 6, the lower end of a twisted shank 7 formed upon a standard 8. The latter is broadened above the shank 7, and is provided at its edges with marginal openings 9 for the reception of adjusting screws 10, which screws serve to hold a supporting bracket 11 at different points upon said standard. By reason of the screw 6, it will be seen that the standard may be swung backwardly and forwardly upon the clip 1 in order to vary the angular position of the standard upon said clip.

The supporting bracket 11 is formed of a base plate 12 to one side of which is connected an angle iron 13, and suitably secured to said angle iron, as by screws 14, is a guide plate 15, the lower portion of which is projected below the angle iron 13. At the ends of the guide plate 15 are arranged outwardly projecting eyes 16 in which is mounted a guide rod 17. The latter is provided at its upper end with a head 18, while its lower end is perforated, as at 19, to receive a suitable fastening device 20, the latter being designed to prevent vertical displacement of the guide rod 17 from the lower eye 16.

A supporting block 21 has a bore 22 ranging vertically therethrough, which bore receives the guide rod 17, and at the inner end said block is provided with a vertical groove 23 designed to receive the front edge of the guide plate 15. By reason of this latter construction it will be evident that the supporting block 21 is prevented swinging upon the



guide rod 17, and swerving to either side thereof. However, to permit the swinging movement referred to the front edge of the lower end of the guide plate 15 is cut away  
5 to provide a notch 24, and when the supporting block 21 is moved in a downward direction so that its inner end may enter said notch, it is obvious that the supporting block may readily swivel upon the guide rod 17.

10 At the forward end of the supporting block 21 is arranged a wash-basin 25. This basin is provided with a bifurcated supporting arm 26, which arm embraces the forward end of the block 21 and is hingedly  
15 connected thereon by a suitable fastening device 27, such as a spring cotter. This provides for raising the basin 25 in an upward direction, as illustrated by dotted lines in Fig. 1, but said basin is prevented moving  
20 below the position illustrated in full lines in Fig. 1 by reason of the arm 26 contacting with and resting upon the extremity of the forward end of the block 21.

In the use of the herein described adjustable basin the screws 10 will permit the supporting bracket 11 to be raised or lowered upon the standard 8, and when moved to the desired position the supporting bracket is held fixed therein by said screws 10. If,  
30 now, it be desired to raise or lower the basin, this may be readily accomplished by applying pressure to the supporting block 21, and the movement indicated may be readily effected. It will be understood, however, that  
35 the weight of the basin 25 causes the lower end of the groove 23 to impinge or bite against the front edge of the guide plate 15, and at the same time a frictional engagement of the supporting block 21 with the  
40 guide rod 17 takes place. Because of this frictional engagement, it is obvious that the basin will be supported at any point along the guide plate 15 and guide rod 17, without the use of fastening devices for accomplishing  
45 this purpose. Immediately, however, upon the weight of the basin being removed from the supporting block 21, the frictional engagement referred to is removed, and said

block may be readily adjusted up or down said guide plate and guide rod.

If it be desired to swing the basin to either side of the supporting bracket the supporting block 21 is moved downwardly so that its rear end enters the notch 24, whereupon the basin may be swung to either  
55 side of the supporting bracket, and thus removed from its position immediately in front thereof. It will also be observed that the angle iron 13 is provided, adjacent its forward edge, with openings 28. These  
60 openings are designed to receive the screws 14, thereby permitting the guide plate 15 to be adjusted in a forward direction upon the angle iron 13, and held in this position of adjustment. This, therefore, permits the de-  
65 pending portion of the plate 13 to be moved outwardly from the standard 8, and hence positions the wash-basin farther from the base plate 12 than in the position illustrated in full lines in Fig. 1.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent, is:

1. An adjustable wash-basin, comprising a supporting bracket, a guide plate associated therewith, a guide rod associated with said guide plate, a supporting block slidably mounted upon said guide rod, the rear end of said supporting block being adapted to frictionally engage said guide plate, and a  
80 basin carried by said supporting block.

2. An adjustable wash-basin, comprising a supporting bracket, a guide plate associated therewith, a guide rod associated with said guide plate, a supporting block slidably  
85 mounted upon said guide rod, the rear end of said supporting block being grooved to receive the guide plate, whereby to establish frictional engagement between said supporting block and said guide plate, and a basin  
90 carried by said supporting block.

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Witnesses:

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