G. H. KING.

ADJUSTABLE SUPPORT FOR WASHBASINS.

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1,130,907.

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Fig. 1

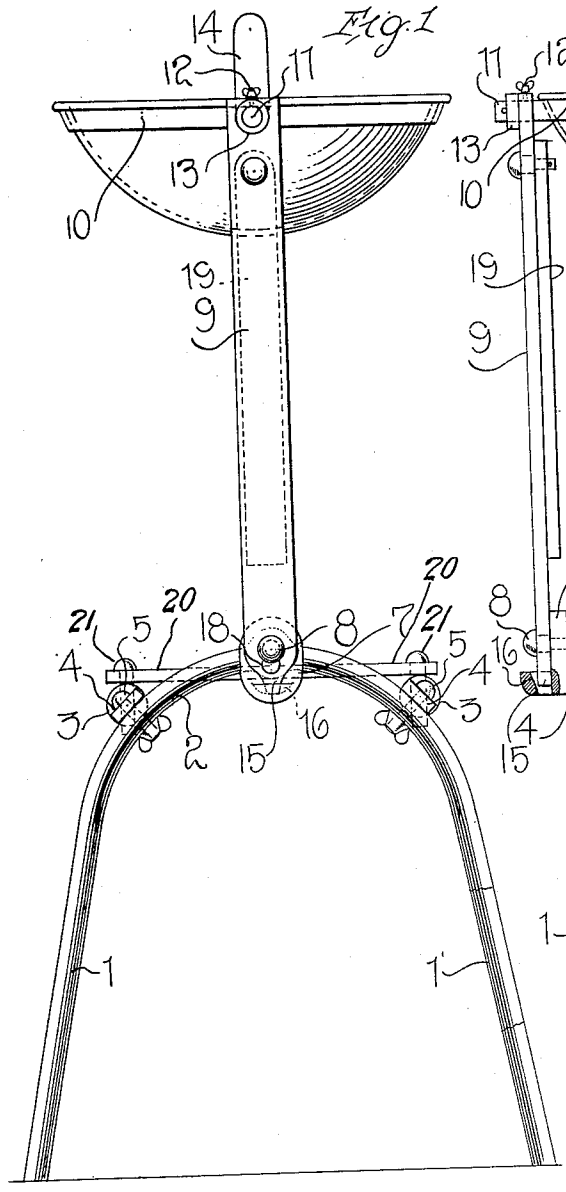
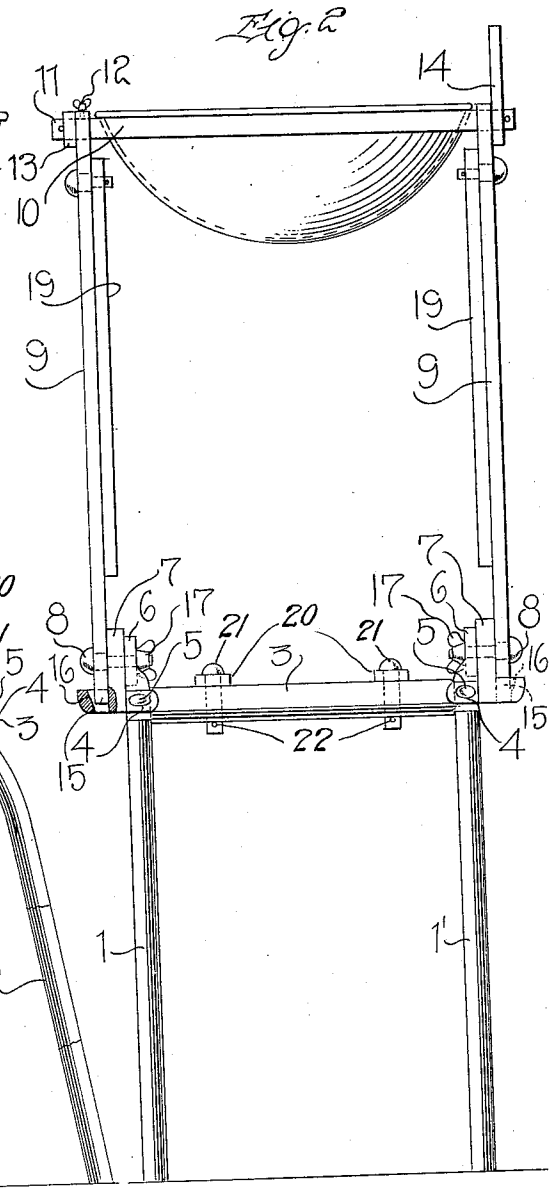


Fig. 2



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ADJUSTABLE SUPPORT FOR WASHBASINS.

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To all whom it may concern:

Be it known that I, GEORGE H. KING, a citizen of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented certain new and useful Improvements in Adjustable Supports for Washbasins, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to new and useful improvements in wash basins and more particularly to that class known as adjustable wash basins, the main object of the invention being the provision of a basin which is normally disposed in an upright position and can be readily lowered so that the same will be in a position to be arranged alongside a bed, should it be desired to use the same for washing a patient, or for any similar use.

Another object of the present invention is the provision of a device of the above character which will possess advantages in points of efficiency and durability, is inexpensive to manufacture and, at the same time, is simple in construction and operation.

With the above and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claims.

In the accompanying drawing forming a part of this application, Figure 1 is a side elevation of an adjustable wash stand support constructed in accordance with my invention; and Fig. 2 is a front elevation.

In carrying out my invention, I provide two inverted U-shaped standards 1 and 1′, the intermediate portions of which are arcuate in form, as indicated by the numeral 2. These standards 1 and 1′ are preferably made of metal but it will be understood that they may be easily made of wood or any other desirable material. The standards are securely retained in an upright position by means of the transverse connecting bars 3, said bars being preferably formed of tubular pipe and provided with flat end portions 4 which are removably secured to the intermediate portions of the standards by means of the bolts 5.

The medial portion of the standard is provided with an upwardly projecting ear 6 and removably secured to the ears 6, are the angular plates 7, which are securely held in position by means of the transverse bolts 8. Pivotally mounted at their lower ends upon the bolts 8, are the supporting members 9 which are arranged in spaced parallel relation and normally disposed in a vertical plane above the standards 1 and 1′. Arranged between the upper ends of the supporting members 9, is a ring 10 having formed upon opposed sides thereof, the spindles 11 which are pivotally mounted with suitable bearing openings formed in the upper ends of the supporting members 9.

It will be understood from the above description, taken in connection with the accompanying drawing, that the ring 10 is mounted for rocking movement and is adapted to support a wash basin, said basin to be arranged within the ring and having its edge engaged over the ring to support the basin. The ring is held against rotation so as to prevent the basin from being tilted, by means of a set screw 12 which is carried by the upper end of one of the members 9 and is adapted to engage one of the spindles 11. The spindles are held against axial movement by means of a collar 13 mounted upon one spindle and a handle member 14 mounted upon the other spindle, whereby said handle may be readily grasped to tilt the basin when it is desired to empty the same.

In order to retain the supporting members 8 in a normal vertical position, the lower pointed ends 15 are removably disposed within the openings 16 formed in the horizontally disposed portions of the plates 7, said supporting members being retained in position by means of the thumb nuts 17 which are mounted upon the bolts 8. In order to provide for sufficient vertical movement of the supports 9 to remove the pointed ends 15 from the openings 16, the slots 18 are formed in the lower ends of the standards 9 to allow of vertical movement of the same. Pivotally secured to the supporting members 9, adjacent their upper ends are the auxiliary supporting legs 19 which are adapted to be used for supporting the basin when the same is arranged in a lower plane than that shown in Fig. 1. If so desired, a shelf or other support may be arranged beneath the basin and supported upon the transverse bars 20, the ends of which rest upon the connecting bars 3, and

are secured thereto by means of the removable pins 21, which in turn are held in position by means of the cotter pins 22.

From the above description taken in connection with the accompanying drawing, it will be readily apparent that I have provided a simple and easily operated basin support which is normally disposed in a raised position, but can be readily lowered for use beside an invalid's bed or the like. The device as herein shown and described, is extremely simple in construction and can be manufactured and placed upon the market at a comparatively low cost.

While I have shown and described the preferred form of my invention, it will be obvious that various changes in the details of construction and in the proportions may be resorted to for successfully carrying my invention into practice, without sacrificing any of the novel features or departing from the scope of the appended claims.

Having thus described this invention, what I claim is:—

1. A device of the class described including spaced U-shaped supporting standards, perforated ears formed upon the intermediate portions of said standards, angular plates secured to said ears and having their horizontal portions projecting outwardly from the standards and provided with openings, supporting members having their lower ends slotted and arranged parallel with the vertical portions of the angular plates, removable bolts extended through the slots in the supporting members and through the vertical portions of the angular plates and the perforated ears, a wing nut threaded upon the inner ends of each of the bolts to retain said supporting members in an adjusted position, the lower ends of said supporting members being tapered and adapted to be normally disposed within the openings in the horizontal portions of the angular plates to retain said supporting members in their upright position, and auxiliary supporting legs pivotally connected to the supporting members adjacent their outer ends to support said members in a horizontal position, as and for the purpose set forth.

2. A device of the class described including spaced standards, ears formed on the upper portions thereof, angular plates secured to said ears, supporting members pivotally mounted upon said plates, a basin support mounted for pivotal movement between the upper ends of said members, the horizontal portions of said angular plates having openings to receive the lower ends of said members to retain the same in an upright position, and means whereby said members are supported in a horizontal position.

3. A device of the class described including spaced U-shaped standards, angular plates secured to the intermediate portions thereof and having their horizontal portions projecting outwardly and provided with openings, a bolt extending through the vertical portions of each of the angular plates, supporting members having their lower ends adjustably mounted upon said bolt and provided with points to engage within the openings in the angular plates, whereby to normally retain the supporting members in a vertical position, a ring mounted for pivotal movement between the outer ends of said supporting members, means for retaining said ring in a horizontal position, and auxiliary supporting legs pivotally connected to the supporting members adjacent their outer ends, to support said members in a horizontal position.

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

GEORGE H. KING.

Witnesses:
A. W. IDE,
FRANCES C. CARLISLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."