M. SESKA.

ADJUSTABLE WASHSTAND.

APPLICATION FILED JULY 11, 1921.

1,417,948. Patented May 30, 1922.

FIG. 1

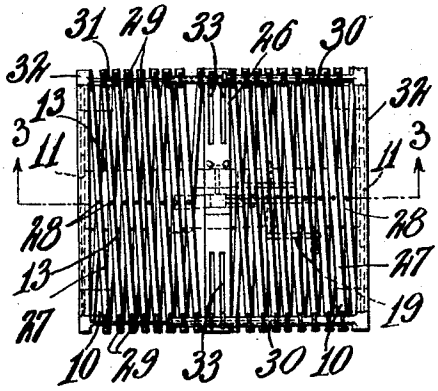
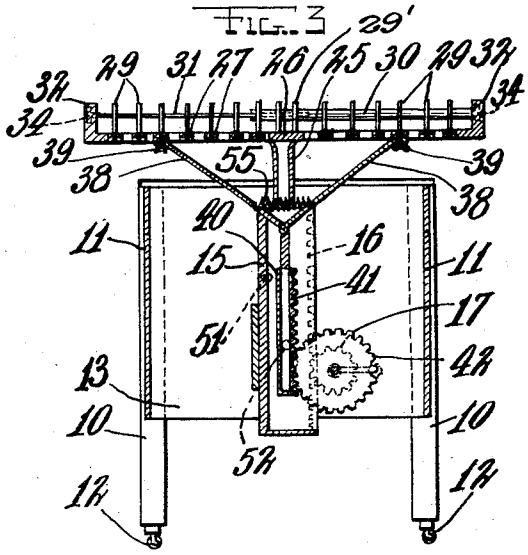


FIG. 3



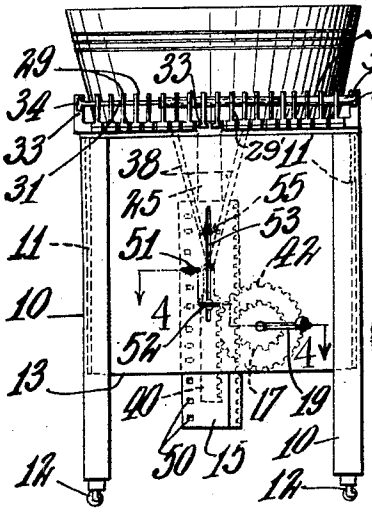


FIG. 2

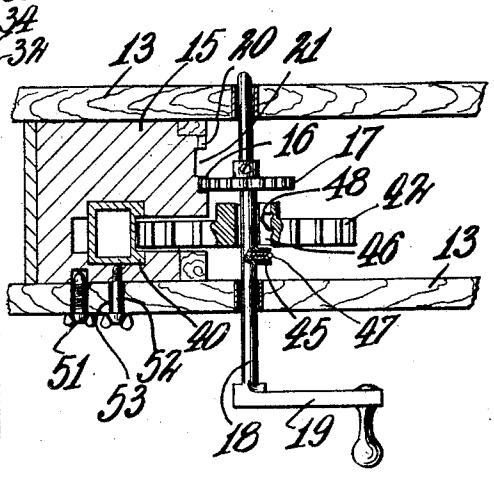


FIG. 4

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ADJUSTABLE WASHSTAND.

1,417,948. Specification of Letters Patent. **Patented May 30, 1922.**

Application filed July 11, 1921. Serial No. 483,721.

To all whom it may concern:

Be it known that I, MIKE SESKA, citizen of Hungary, residing at Niles, in the county of Trumbull and State of Ohio, have invented certain new and useful Improvements in Adjustable Washstands, of which the following is a specification.

This invention relates to an adjustable stand adapted for use in supporting articles or objects such as washtubs or basins or the like.

The invention has for an object to provide a novel arrangement of parts, for varying both the height of the stand and the effective surface area thereof.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Fig. 1 of the drawings is a plan view of an adjustable stand constructed according to the invention.

Fig. 2 is a side elevation thereof.

Fig. 3 is a vertical sectional view taken on line 3—3 of Fig. 1.

Fig. 4 is a fragmentary horizontal section on the line 4—4 of Fig. 2.

As here shown my improved adjustable stand comprises a rectangular frame consisting of legs 10 united and braced by the side boards 11 and preferably mounted on castors 12. Extending rigidily between the side boards, is the hollow frame element 13 which serves as a guide for the member upon which the top or table of the stand is supported.

This member comprises a channeled standard 15 having rack teeth 16 formed on one side thereof. These rack teeth 16 are engaged by a gear 17 fixed on a shaft 18 supported in the frame element 13 and having a crank handle 19 on one end for rotation. A second series of rack teeth 20 are formed in the standard 15 and are spaced from the teeth 16 by a vertical groove 21 in the standard.

As will be apparent the standard 15 may be raised and lowered by rotation shaft 18.

The table element of the stand is supported on a tubular extension 25 of the standard 15 and comprises a central frame bar 26 fixed on said tubular extension and having lazy tong elements on opposite sides thereof. These lazy tong elements comprise the crossed bars 27 pivotally attached between their ends to one another as at 28 and having eyes 29 on their ends taking freely over the telescopic side rails consisting of rods 30 and tubes 31. These telescopic rails have end rails 32 mounted on the opposed ends thereof.

The end rails 32 have T-grooves formed therein to receive complementary heads 34 on the ends of the telescopic rails 30, 31. It will be understood, of course, that the outer and inner ones of the lazy tong bars 27 are attached to the side rails and do not slide along the latter. The tubular rail sections 30 and 31 are fixed at their inner ends to apertured guide heads 29′ which engage slidably in T-grooves 33 extending longitudinally of the bar 26. The side rails 30, 31 are thus permitted to move toward or away from one another upon expansion or contraction of the lazy tongs.

The adjustable table as thus constructed is adapted for adjusting operation by means of a pair of rods 38 connected to certain of the lazy tong bars 27 as at 39 and extending downwardly and inwardly to pivotally connect at their lower ends to the top of an interior post 40 slidably guided within the channeled standard 15. This post 40 has rack teeth 41 formed on one side thereof and adapted to be engaged by a gear 42 on the shaft 18 before mentioned. The gear 42 is normally loose on shaft 18 and may be brought into engagement therewith by a sliding movement of the shaft, which sliding movement may be of just sufficient length to move gear 17 into registry with groove 21 and so release this gear from the standard 15, or it may be carried farther to cause gear 17 to engage the rack teeth 20. As here shown shaft 18 is provided with a key-boss 45 on one side thereof adapted to engage in a complementary key-way 46 in the bore of gear 42. This boss 45 carries a spring pressed ball 47 adapted to engage in either of a pair of notches 48 in the key-way 46 to localize the shaft 18.

To lock the standard 15 in any adjusted position I provide the same with a series of vertically spaced sockets 50 adapted to be engaged by a screw 51 carried on the frame element 13. To lock the post 40 I provide a screw 52 extending freely through a ver-

tical slot 53 in the frame element 13 and threaded through the standard 15, against the post.

As will be apparent, the table element of the stand can be adjusted vertically alone by rotating shaft 18 with the parts, occupying the position shown in Fig. 4, the gear 42 rotating freely on shaft 18 as the post 40 is carried with the standard 15. Independent movement of post 40 can be effected by moving shaft 18 longitudinally until gear 17 registers with groove 21, in which position the boss 45 is engaged in the key-way 46.

If it is desired to simultaneously raise or lower the table element and vary the surface area thereof, shaft 18 is moved further inward until the gear 17 meshes with the rack 20, boss 45 maintaining its engagement with the key-way 46. Gear 42 being larger than gear 17 will cause the post to move faster then the standard 15 and spread the rods 38. When the post 40 is lowered the rods 38 are swung toward one another by a tension spring 55.

Having thus described my invention what I claim as new and desire to protect by Letters Patent of the United States is as follows:—

1. A device of the class described comprising a table element of adjustable area, a support therefor, and means including a single operating member for simultaneously moving said table element vertically and varying the area thereof.

2. A device of the class described comprising a variable surface table element made up of lazy tong bars, a support therefor, and means including a single operating member for simultaneously moving said table element vertically and said bars horizontally.

3. A device of the class described comprising a variable surface table element made up of lazy tong bars, a support therefor, and means for simultaneously moving said table element vertically and said bars horizontally, said means including a pair separate rack elements, and gears of different diameters meshing with said rack elements.

4. A device of the class described comprising a frame, a hollow standard vertically movable in said frame, a table frame fixed on said standard, lazy tong table forming bars mounted on said frame, a post slidable in said standard and operatively connected to said lazy tong bars, and means for moving said standard or said post either together or independently of one another.

5. A device of the class described comprising a frame, a hollow standard vertically movable in said frame, a table frame fixed on said standard, lazy tong table forming bars mounted on said frame, a post slidable in said standard and operatively connected to said lazy tong bars, and means for moving said standard or said post either together or independently of one another, said means including rack elements on said post and standard, a shaft, a pair of gears on said shaft, one of said gears being fixed on said shaft and the other gear loose, said shaft being adapted for longitudinal movement, for the purpose specified.

6. In a device of the class described, a table having a transverse frame element, telescopic side rails carried by said frame element, end rails mounted on the ends of said side rails, the ends of said side rails being adapted for movement along the said end rails, and lazy tong bars interposed between said end rails and transverse frame element and having slidable engagement with the said side rails.

In testimony whereof I have affixed my signature.

MIKE SESKA.