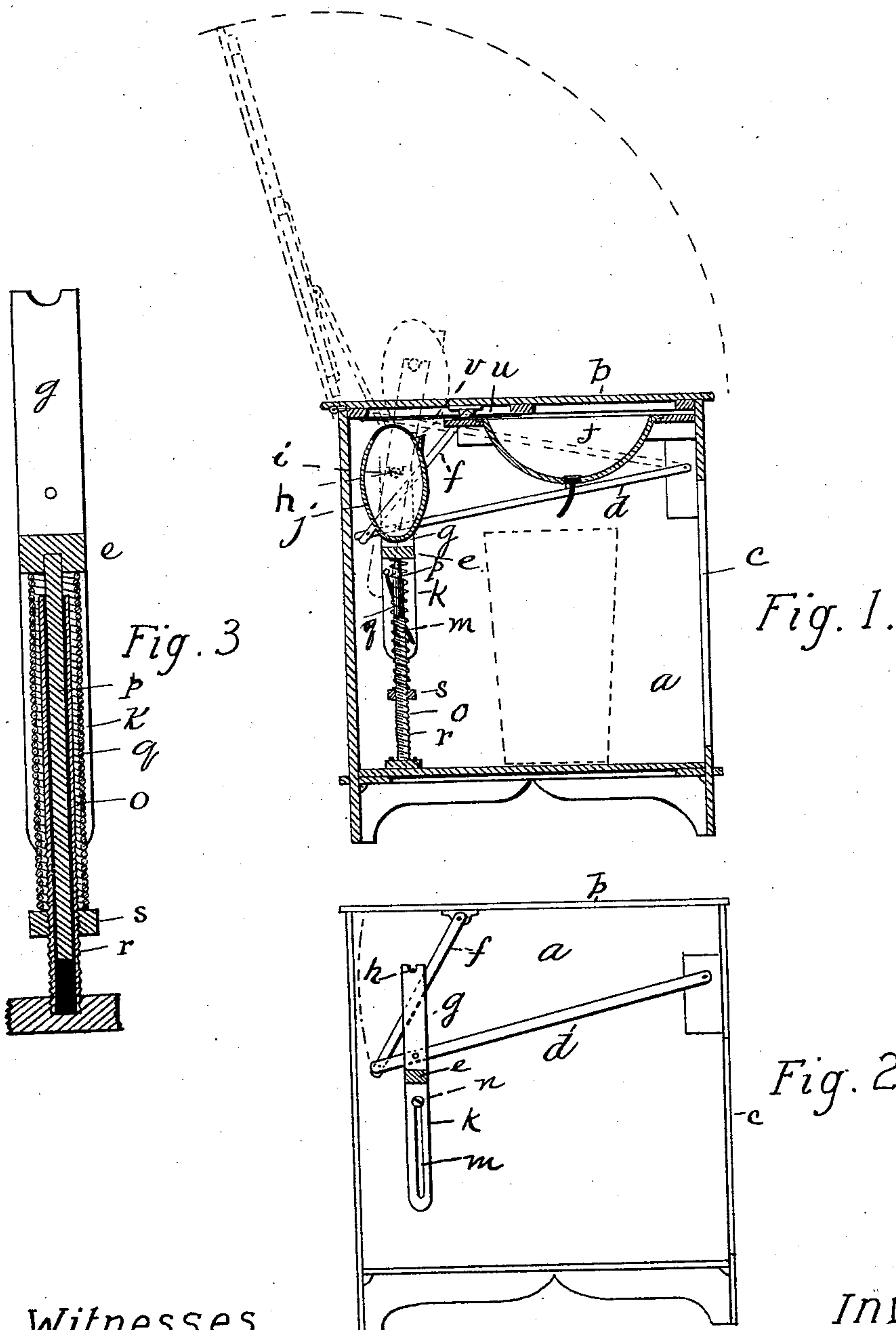


(No Model.)

W. F. PHINNEY & H. H. WHITNEY.
WASHSTAND.

No. 507,448.

Patented Oct. 24, 1893.



Witnesses
William Henry Clifford.
Nathan Clifford.

Inventors:
William F. Phinney,
Henry H. Whitney,
By Elmer D. Merrill,
attorney.

UNITED STATES PATENT OFFICE.

WILLIAM F. PHINNEY, OF STANDISH, MAINE, AND HENRY H. WHITNEY, OF
CENTREVILLE, IDAHO.

WASHSTAND.

SPECIFICATION forming part of Letters Patent No. 507,448, dated October 24, 1893.

Application filed May 22, 1893. Serial No. 475,011. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM F. PHINNEY, residing at Standish, in the county of Cumberland and State of Maine, and HENRY H. WHITNEY, residing at Centreville, in the county of Boise and State of Idaho, citizens of the United States, have invented certain new and useful Improvements in Washstands; and we 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.

In the drawings herewith accompanying and making a part of this application, Figure 1 is a central section of our improved wash-stand, the dotted lines showing positions of the parts when the cover is raised. Fig. 2 is an interior side elevation showing the reservoir supports and means of operating and controlling the same, and Fig. 3 is an enlarged detail showing arrangement of the spring which tends to force the reservoir supporting parts upward.

Same letters refer to like parts.

Our invention relates to improvements in combination wash-stands or commodes, and more particularly relates to improvements as applied to the wash-stand described in the patent to Nathan O. Bond, No. 479,148, dated July 19, 1892, and consists in a new and improved means for controlling the reservoir supporting mechanism, and in a new and improved arrangement of mechanism for aiding the raising of said reservoir supporting mechanism and in other details of construction which will be hereinafter more particularly described.

In said drawings *a* represents a commode case, *b* a cover hinged thereto, and *c* a door in the front thereof. Pivotally attached to each side of the case is a lever *d*. Connecting the ends of said levers *d* with the cover *b* are links *f* pivotally attached to said cover and levers in such manner that when the cover is raised said levers are also raised therewith. Attached to each lever is a supporting arm *g* having a recess *h* in the top thereof adapted to receive the trunnions *i* on the ends of a water reservoir *j* as seen in Fig. 1, these several parts being so arranged that when the cover *b* is raised the reservoir rises describing the arc of a circle, and thus when raised being

brought forward over the bowl into the position shown by dotted lines in Fig. 1.

Attached to the levers *d* are downwardly extending plates *k* having therein slots *m* through which project guiding lugs *n* which are rigidly fixed in the sides of the case. This arrangement while permitting the upward and downward motion of said levers at the same time holds them firmly against lateral movement and prevents them from getting out of place or out of order. The slots in said case may be circular to correspond with the circular motion of said plates, as seen in Fig. 1, or it may be straight, as seen in Fig. 2. Connecting said levers or said plates is a cross bar or yoke *e*. In the rear of the case below said cross bar and rigidly attached to the bottom of the case is a hollow pipe *o* and attached to said cross bar and adapted to extend down into said pipe is a plunger *p*. Between said cross bar and the bottom of the case is arranged a coil spring *q* its tension acting to press said cross bar upward. Without changing the principle involved herein it will be evident that the coil spring may be wound around the plunger inside of the pipe if preferred. In order to regulate the tension of said spring we may cut on the pipe near the bottom a thread *r* and place thereon a screw threaded nut *s* upon which the lower end of said spring may rest, so that by screwing said nut up or down the tension of said spring may be increased or diminished as the case may be.

In the front of the case may be placed a wash-bowl *t* of any desired form or shape. It may be set loosely therein or it may be a regular set bowl, as seen in Fig. 1.

In the under surface of the cover is a recess *u* over which is placed a series of rods *v*, such space being adapted to receive and hold towels.

The advantages of the present invention are that the levers and reservoir supporting frame are firmly and steadily held in whatever position they may be placed and the arrangement of the tension spring renders it much more effective and especially when accompanied by the adjusting nut.

Having thus described our invention and its use, we claim—

1. In a washstand having a suitable case

and a cover hinged to the top thereof, levers pivoted to said case and linked to said cover, a reservoir pivotally mounted on supports attached to said levers, guide plates attached to said levers and having slots therein and lugs attached to said cases and projecting through said slots, as and for the purposes set forth.

2. In a washstand having a suitable case and a cover hinged to the top thereof, levers pivoted to said case and linked to said cover, a reservoir pivotally mounted on supports attached to said levers, guide plates attached to said levers and having curved slots therein and lugs attached to said case and projecting through said slots, as and for the purposes set forth.

3. In a washstand having a suitable case and a cover hinged to the top thereof, levers pivoted to said case and linked to said cover, a reservoir supported on standards attached

to said levers, guide plates attached to said levers and having slots therein and lugs attached to the case and projecting through said slots, a yoke connecting said levers, a hollow tube attached to the bottom of said case, a plunger attached to said yoke and adapted to enter said tube and the coil spring interposed between the bottom of the case and said yoke, as and for the purposes set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

WILLIAM F. PHINNEY.

HENRY H. WHITNEY.

Witnesses to the signature of William F. Phinney:

ELGIN C. VERRILL,

NATHAN CLIFFORD.

Witnesses to the signature of Henry H. Whitney:

WILLIAM SWEET,

GEORGE T. YOUNG.