No. 736,655. PATENTED AUG. 18, 1903.

J. B. WHEATLEY.

CABINET WASHSTAND.

APPLICATION FILED JUNE 9, 1902.

NO MODEL. 2 SHEETS—SHEET 1.

Fig 1

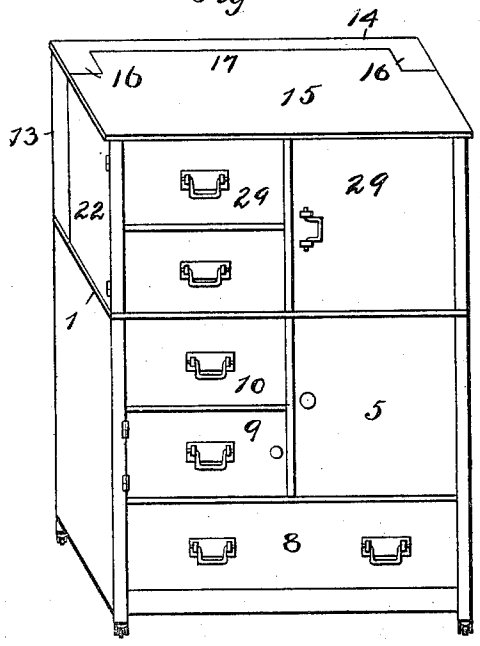
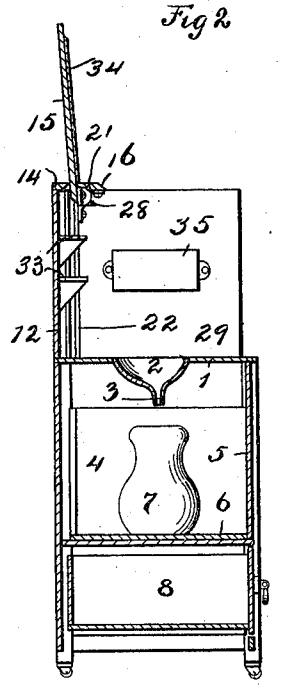


Fig 2



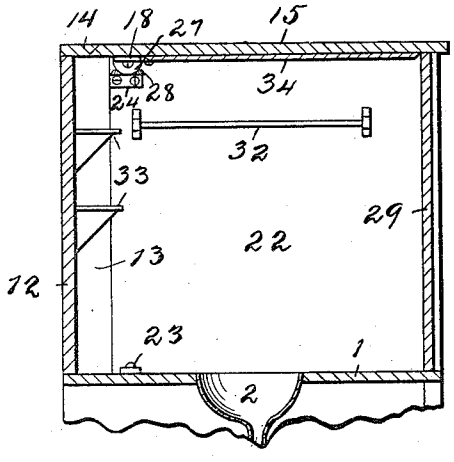


Fig 3

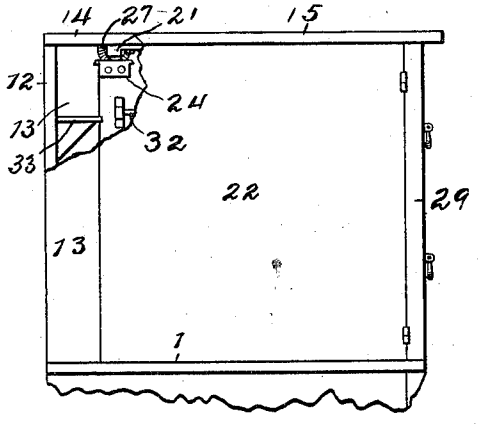


Fig 4

WITNESSES:

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Warren D. House,

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 736,655. PATENTED AUG. 18, 1903.

J. B. WHEATLEY.

CABINET WASHSTAND.

APPLICATION FILED JUNE 9, 1902.

NO MODEL. 2 SHEETS—SHEET 2.

Fig 5

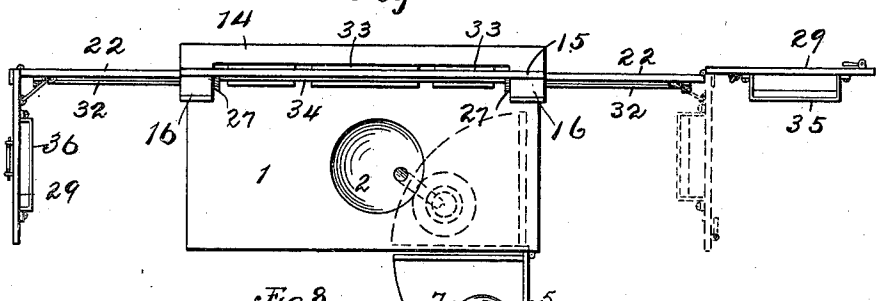


Fig 8

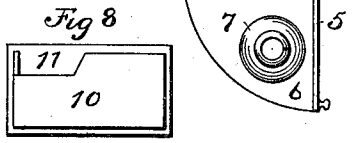


Fig 9

Fig 10

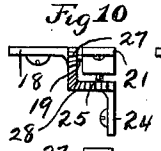
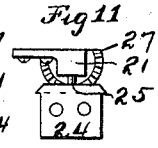


Fig 11



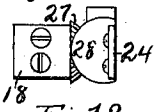


Fig 12

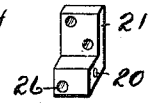


Fig 13

Fig 7

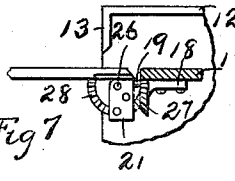


Fig 6

WITNESSES:

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No. 736,655. Patented August 18, 1903.

UNITED STATES PATENT OFFICE.

JAMES B. WHEATLEY, OF KANSAS CITY, MISSOURI.

CABINET-WASHSTAND.

SPECIFICATION forming part of Letters Patent No. 736,655, dated August 18, 1903.

Application filed June 9, 1902. Serial No. 110,799. (No model.)

To all whom it may concern:

Be it known that I, JAMES B. WHEATLEY, a citizen of the United States, residing in Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Improvement in Cabinet-Washstands, of which the following is a specification, reference being had therein to the accompanying drawings, forming a part thereof.

My invention relates to improvements in cabinet-washstands.

The object of my invention is to provide a folding casing which will inclose the upper part of the washstand when the washstand is not in use.

My invention provides, further, a novel construction by means of which the sides and front of the washstand may be caused to simultaneously open or close when the top of the said casing is respectively raised or lowered. This portion of my invention may be used as a cabinet attachment and applied to washstands already on the market.

My invention provides, further, a washstand having a receptacle for waste water and a conductor leading therefrom, a compartment located below the discharge end of the said conductor, a door for closing the said compartment and provided with a horizontal shelf movable therewith and adapted to support a slop-jar thereon, which when the said door is closed will be carried upon the said shelf to a position below the discharge end of the conductor.

My invention provides, further, a novel means of connecting the top of the casing with the sides thereof, whereby the said sides may be swung to and fro when the top of the casing is raised or lowered.

Other novel features are hereinafter fully described and claimed.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view looking at the front of the cabinet-washstand, shown in a closed position. Fig. 2 is a vertical sectional view taken on the dotted line *a b* of Fig. 6. Fig. 3 is a similar view as Fig. 2 of the upper part of the washstand, showing the parts in the closed position. Fig. 4 is a side elevation of the portion of the stand shown in Fig. 3, a portion of the near swinging side being broken away, so as to show the connection between the said side and the top. Fig. 5 is a top view of the washstand with the top raised and the sides and front swung to the open position, the right side of the front being shown in solid lines fully extended and in dotted lines shown in the same position as that occupied by the left side of the front. In this figure the door having the shelf carrying the slop-jar is shown in solid lines in the open position, the same being shown in the closed position in dotted lines. Fig. 6 is a front elevation view with the upper-casing parts shown in the open position. Fig. 7 is a top view of the left hinged connection and some of the parts connected therewith, a portion of the stationary part of the cover of the upper casing being removed and that part of the raised cover of the casing shown being in cross-section. Fig. 8 is a rear end elevation view of the drawer directly below the waste-water receptacle. Fig. 9 is a side elevation view of the same. Figs. 10, 11, and 12 are respectively a front elevation view, a plan view, and a bottom view of one of the gear-hinged connections used for connecting the top and sides of the upper casing. Fig. 13 is a perspective view of one of the supporting-brackets forming a part of one of the said connections.

Similar characters of reference indicate similar parts.

The lower part of the washstand is preferably rectangular in form and having a horizontal top 1, having an opening therethrough in which is placed a waste-water receptacle or basin 2, provided at one side with a conductor 3, the discharge end of which is in a compartment 4, located below the top 1 at one side of the washstand and provided with an opening adapted to be closed by a vertical hinged door 5, having secured near its lower end a horizontal rearwardly-extending shelf 6, adapted to have placed thereon a slop-jar 7. The disposition of the said door and shelf and slop-jar is such that when the door is in the closed position, as shown in Fig. 6, the slop-jar will be in position to receive the waste water discharged from the conductor 3. When it is desired to

remove the slop-jar, the door and shelf connected therewith are swung to the position shown in Fig. 5.

In the lower part of the washstand, below the compartment 4 and extending from side to side of the stand, may be placed a drawer 8. Above the said drawer and to the left of the compartment 4 and disposed one above the other are the drawers 9 and 10, respectively. A notch 11 is cut out of the rear end of the right side and the right side of the rear end of the upper drawer 11 for enabling the passage of the drawer back and forth under the basin 2.

The folding upper casing is constructed as follows: From the rear end of the top 1 vertically extends upwardly a back 12 and also the two vertical members 13, disposed at each side of the back 12 at right angles thereto and of equal length to the back 12. The cover of the upper casing comprises two portions—a stationary portion 14 and a portion 15, hinged thereto, as hereinafter described. The portion 14 of the cover is horizontally disposed and is secured rigidly to the upper ends of the back 12 and stationary side portions 13, above referred to. The forward edge of the portion 14 is provided with two forwardly-extending projections 16, between which is a recess in which can swing the rearward extension 17 on the rear edge of the swinging cover 15. The cover 15 is provided on its under side, at each end of the extension 17, with a bracket 18, having an outwardly-extending horizontal projection 19, pivoted in a transverse hole 20 in a bracket 21, secured to the under side of the adjacent projection 16 of the stationary portion of the cover.

At each side of the washstand, above the top 1, is a vertical swinging side member 22, each of which at its lower end is pivoted at 23 by any suitable means to the top 1. On the inner side, near the top and rear edge of each of the side members 22, is secured a bracket 24, provided with a vertically-extending projection 25, which is pivoted in a vertical hole 26, provided in the adjacent bracket 21.

In Figs. 10, 11, and 12 is shown in side elevation, top, and bottom views one of the hinge connections provided at each end of the cover 15.

Each of the brackets 18 is provided with a downwardly-extending projection 27, having the form of a semicircle, the center of which is also the axis of the projection 19. Each bracket 24 is provided with a horizontal projection 28, also having the form of a semicircle, the center of which is the axis of the projection 25. The peripheries of the brackets 18 and 24 are each provided with bevel gear-teeth which mesh with the gear-teeth of the adjacent bracket. By means of this construction the side members 22 will be forced to swing outwardly and inwardly when the cover 15 is raised or lowered, respectively, by swinging on its pivot projections 19.

The two side members 22 have hinged to their two free edges, respectively, the two vertical doors 29, which when the parts are in the closed position form the front, as shown in Fig. 1. To retain the doors 29 at right angles to the side members 22 when desired, a hook 30 is pivoted one to each door 29 and is adapted to have its free or hooked end engage an eye 31, secured one to each of the side members, as shown.

Towel-racks 32 may be secured one to the inner side of each of the side members 22, and shelves 33 may be provided on the forward side of the back 12. A mirror 34 may also be secured to the inner side of the cover 15. Other convenient accessories may be provided—such as, for instance, a sponge-holder 35 on the inner side of the right door 29 and a soap or other receptacle 36 on the inner side of the left door 29.

In operating my invention when the cover 15 is raised by swinging on its pivot projections 19 to the upright position shown in Fig. 6 the side members 22, together with the doors 29, are swung outwardly in a plane at right angles to the plane of rotation of the cover 15 through the intermediacy of the bevel-gear connection already described. If desired, the hooks 30 may then be released from engagement with the eyes 31 and the doors 29 swung to a position parallel with the side members 22. When the cover 15 is swung downward on its projections 19 to the horizontal position, the gear-brackets 18 thereon engaging with the gear-brackets 24 on the side members 22 cause the said side members to be swung on their projections 28 until the said members are parallel with the sides of the lower part of the washstand, at which time the doors 29, if hooked, will be in the closed position shown in Fig. 1. By leaving the hooks 30 out of engagement with the eyes 31 access may be had to the interior of the upper casing without causing the side members 22 and the cover 15 to be moved from their closed positions.

If desired, the upper casing, including the top 1, may be made and sold separately from the lower part of the stand. When so manufactured, the top 1 can be placed upon the top of any stand, a hole being provided therein to receive the bowl, if one be used.

In order that the joints may be flush and close where the cover 15 fits the forward edge of the stationary cover 14, the forward edge of the recessed portion of the portion 14 is rearwardly and downwardly beveled, and the forward edges of the projections 16 are beveled in the reverse direction, the rear edges of the cover 15 being beveled to correspond with the shape of the stationary portion of the cover to which they are fitted. In a like manner the forward edges of the members 13 are beveled rearwardly and inwardly, so as to fit with the oppositely-beveled rear edges of the side members 22.

My invention may be subjected to various modifications without departing from its spirit.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination with a suitable support, of the cover hinged thereto, two side members also hinged to the said support and disposed so as to swing in a plane perpendicular to the plane of rotation of the cover, two segmental gears mounted on the cover with their centers coincidental with the axis of rotation of the cover, and two segmental gears mounted one on each side member and meshing respectively with the gears on the cover and having their centers coincidental with the axes of rotation of the two side members respectively, substantially as described.

2. In a washstand, the combination with a suitable support, of a cover hinged thereto, two side members also hinged thereto at right angles to the cover, means by which the said side members are swung simultaneously with the swinging of the cover, and two front members carried normally one upon each of said side members at right angles thereto respectively, substantially as described.

3. In a washstand, the combination with a suitable support, of a cover hinged thereto, two side members also hinged thereto at right angles to the cover, means by which the said side members are swung simultaneously with the swinging of the cover, and two doors hinged respectively one to each of said side members, substantially as described.

4. In a washstand, the combination with a suitable support, of a cover hinged thereto, two side members also hinged thereto at right angles to the cover, means by which the said side members are swung simultaneously with the swinging of the cover, two doors hinged respectively one to each of said side members, and means for locking the said doors against movement relative to the said side members, substantially as described.

5. In a washstand, the combination with a suitable support, of a cover hinged thereto, two side members also hinged thereto at right angles to the cover, two front members carried at right angles thereto one on each of said side members, two gears mounted one on each of said side members, and two gears mounted on the cover and meshing respectively with the gears on the side members for imparting movement from the cover to the said side members, substantially as described.

6. In a washstand, the combination with a suitable support, of two brackets mounted thereon, a cover pivotally mounted in said brackets, two side members pivoted to the said brackets, and means by which the said side members may be moved when the cover is moved on its pivotal support, substantially as described.

7. In a washstand, the combination with a suitable support, of two brackets mounted thereon, a cover, two brackets mounted thereon and pivoted to the said brackets on the support, two side members, two brackets mounted one on each of said side members and pivoted respectively to the brackets on the said support, and means for connecting the brackets on the cover and the two side members so that the side members may be swung when the cover is swung, substantially as described.

8. In a washstand, the combination with a suitable support, of two brackets mounted thereon, a cover, means for pivoting the cover to the said brackets, two side members, two brackets mounted thereon, and means for pivoting the said brackets to the brackets on the support, the brackets on the cover and said side members being provided with means for imparting rotation from the cover to the said side members, substantially as described.

9. In a washstand, the combination with a suitable support, of two supporting-brackets mounted thereon, a cover hinged to said brackets, two side members hinged to the said brackets at their upper ends and to the support at their lower ends, and gearing connecting the cover and the side members for swinging the said side members in a horizontal plane when the cover is swung in a vertical plane, substantially as described.

10. A washstand comprising an upper and a lower casing both substantially rectangular in shape, the side walls of the upper casing when closed being disposed in line with the side walls of the lower casing, and the upper casing comprising a rear stationary portion supported by the lower casing, a cover having a hinged connection with the stationary portion, two side members also hinged to the stationary portion, two front members carried respectively by the said side members, and means by which the side members may be swung laterally when the cover is raised or lowered, substantially as described.

11. In a washstand, the combination with a base, of a back portion supported thereby, a stationary cover on said back portion provided with two forwardly-extending projections and a recess between said projections, a swinging cover provided with a rearwardly-extending projection fitted to said recess and hinged to said projections on the stationary cover, two side members hinged at their upper and lower ends respectively to the said forwardly-extending projections and to the base, and means by which the side members are swung laterally when the swinging cover is raised or lowered, substantially as described.

12. A washstand comprising a base provided with a back portion supported thereby and having a stationary cover portion, supporting-brackets on the said stationary portion, a cover pivoted in said supporting-brackets, two side members also pivotally supported at right angles to the cover, bevel-gears mounted one on each side member and two on

the swinging cover, the gears on the cover meshing respectively with the gears on the side members, the centers of the said gears being disposed in the axes of rotation of the swinging cover and the side members, substantially as described.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses.

JAMES B. WHEATLEY.

Witnesses:
WARREN D. HOUSE,
JOHN HALIN.