

Feb. 23, 1926.

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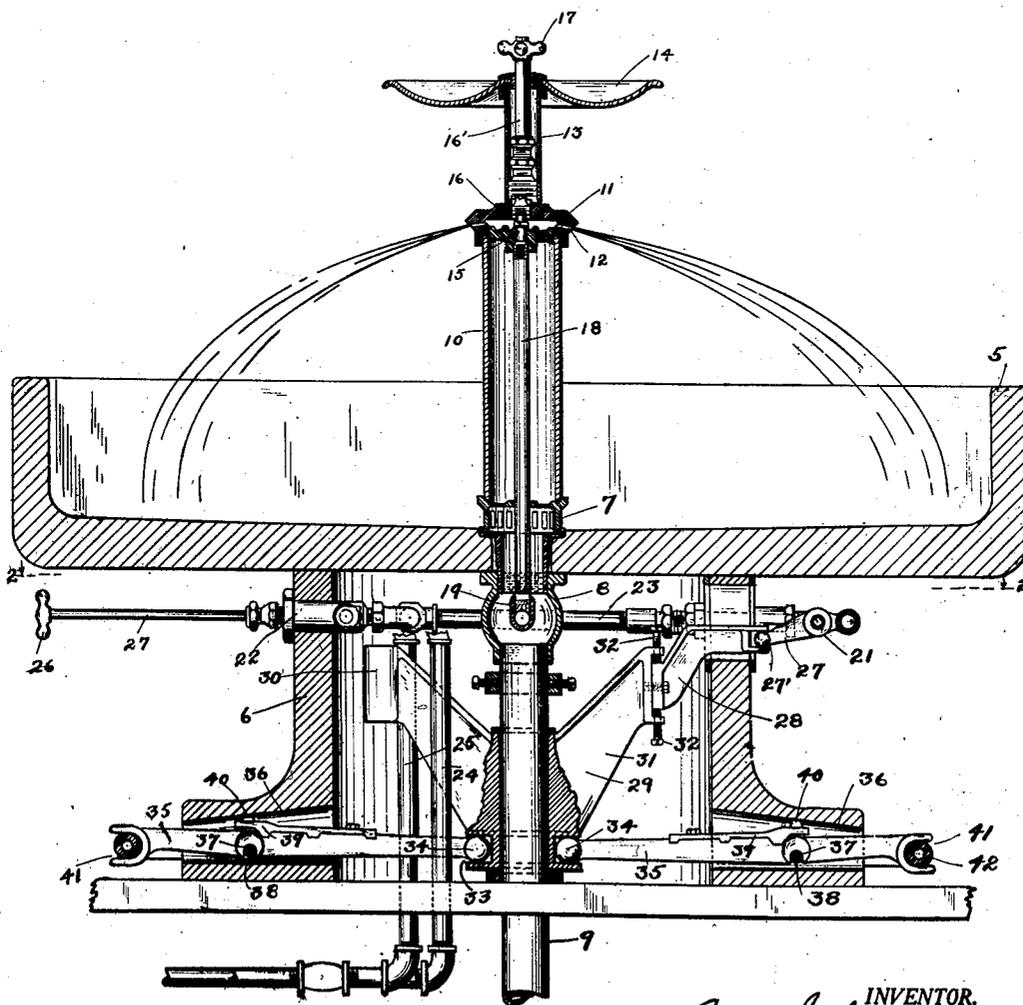
L. SCHLESINGER ET AL

FOOT CONTROLLED WASH FOUNTAIN

Filed March 12, 1925

2 Sheets-Sheet 1

Fig 1



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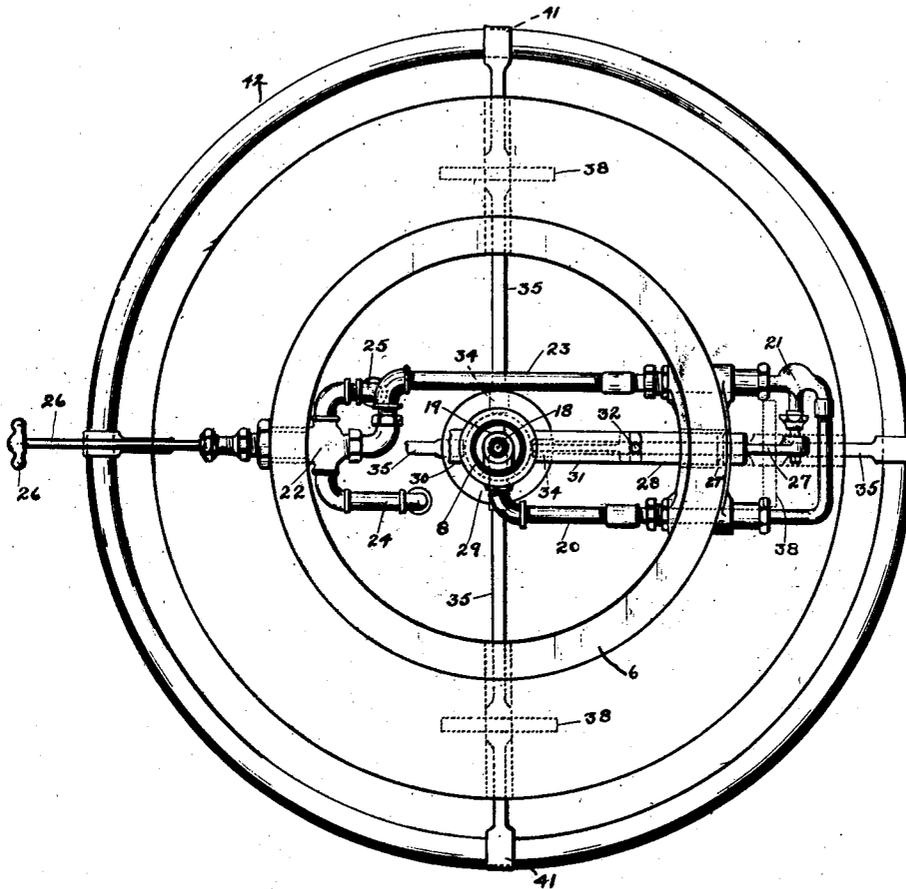
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FOOT CONTROLLED WASH FOUNTAIN

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Fig. 2.



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UNITED STATES PATENT OFFICE.

LOUIS SCHLESINGER AND HERMAN E. HEINE, OF MILWAUKEE, WISCONSIN, ASSIGNORS TO BRADLEY WASHFOUNTAIN COMPANY, OF MILWAUKEE, WISCONSIN, A CORPORATION OF WISCONSIN.

FOOT-CONTROLLED WASH FOUNTAIN.

Application filed March 12, 1925. Serial No. 15,044.

To all whom it may concern:

Be it known that we, LOUIS SCHLESINGER and HERMAN E. HEINE, citizens of the United States, and residents of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Foot-Controlled Wash Fountains, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

This invention relates to improvements in foot controlled washfountains.

Sanitary washfountains now in general use permit a number of persons to wash at the same time, and to accomplish this, a circular basin or receptacle of comparatively large diameter, is provided with a fountain which discharges a circular spray of water into the receptacle. As the water is usually turned on at all times, whether in use or not, there is considerable waste of water.

It is one of the objects of the present invention to overcome the above mentioned objectionable feature and provide a wash-fountain in which the flow of water is controlled by the foot of the user.

A further object of the invention is to provide a foot controlled washfountain which may be easily operated to turn on the water at any point around the fountain receptacle.

A further object of the invention is to provide a foot controlled washfountain which is of simple construction, is strong and durable, and is well adapted for the purpose described.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views:

Fig. 1 is a vertical sectional view of the improved foot controlled washfountain; and

Fig. 2 is a horizontal sectional view taken on line 2—2 of Fig. 1.

Referring to the drawing, the numeral 5 indicates a basin or receptacle, preferably of annular form, which is supported upon a tubular standard 6. The basin may be of any shape or formed of any suitable material desired. The basin is formed with a strainer and outlet opening 7, and is connected to a discharge coupling 8 mounted

centrally beneath the basin. A discharge pipe 9 is connected to the coupling and extends downwardly therefrom. A tubular member 10 mounted on the strainer 7 extends upwardly therefrom and at its upper end is connected to a fountain 11. Said fountain is provided with a circumferential line of jet or spray openings 12 for discharging water for washing purposes. A tubular extension 13 is mounted on the fountain and at its upper end carries a soap dish 14.

The central portion of the fountain is formed with a valve seat 15 and a valve 16 engaging said seat has its stem 16' extending upwardly through the soap dish 14 and at its upper end is provided with a handle 17 for convenience in adjusting the flow of the water from the fountain. A water supply pipe 18 is connected to the fountain, and extends downwardly therefrom through the central portion of the tubular member 10 and the strainer outlet, and at its lower end is threaded into an elbow 19 forming part of the coupling 8. A pipe 20 connected to the elbow on the outer side of the coupling extends to a valve 21 which is normally closed. A mixing valve 22 positioned beneath the basin is connected to the valve 21 by a pipe 23 and is also connected to hot and cold water pipes 24 and 25 respectively. Said mixing valve is provided with an elongated stem 26 having a handle 26' at its outer end for convenience in turning the same to control the mixing of hot and cold water and the flow to the fountain.

The valve 21 is provided with an arm 27 having transversely extending crank portions 27' which fit into the bifurcated end portion of an adjustable extension 28 mounted on the reciprocal sleeve member 29. Said reciprocal sleeve member is slidably mounted on the discharge pipe 9 and is provided with a weighted arm 30 to counterbalance the weight of the arm 31 to which the extension 29 is adjustably connected by adjusting screws 32. The lower portion of the reciprocal sleeve member 29 is formed with an annular groove or recess 33 to receive the inner rounded ends 34 of operating levers 35. The levers extend through openings 36 formed in the lower portion of the standard 6 and are formed with downwardly

opening slots 37 which are entered by transversely extending pins 38. The pins are mounted in the standard and extend transversely across the openings 36 and form pivotal connections for the operating levers 35. Guard members 39 bolted to the upper edge portions of the levers are provided with yielding bumper parts 40 which bear against the upper surfaces of the portions of the standard forming the openings 36 immediately above the pivot pins 38 and yieldingly hold the levers in pivotal engagement with said pins. The outer ends of the levers are bifurcated as indicated by the numeral 41 to receive the ring member 42. Said ring member loosely engages the bifurcated end portions and is of a diameter to be reached by the foot of the user of the fountain. As thus arranged, pressure of the foot on any portion of the ring will cause the entire ring to be depressed and the inner ends of all of the levers 35 to swing upwardly and lift the sleeve 29 and the extension 28 and open the valve 21, while the weight of the sleeve will normally hold the valve in closed position.

In use, the supply of water is normally closed by the valve 21 and if it is desired to wash, it is only necessary to press downwardly on the ring to turn on the water, and as soon as the foot is removed the water will again be turned off.

From the foregoing description, it will be seen that the foot controlled wash fountain is of simple construction, and is well adapted for the purpose described.

What we claim as our invention is:

1. A washfountain, comprising a wash basin accessible from all sides, a fountain positioned above the basin and having a circumferential line of jets for discharging water into the basin, a valve controlling the flow of water from the fountain, a reciprocal member for controlling the valve, and levers positioned beneath the basin and accessible from all sides of the fountain for moving the reciprocal member.

2. A washfountain, comprising a wash basin accessible from all sides, a fountain positioned above the basin and having a circumferential line of jets for discharging water into the basin, a valve controlling the flow of water from the fountain, a reciprocal member positioned beneath the basin for controlling the valve, levers positioned beneath the basin for moving the reciprocal member extending around loosely, and a ring like member connected to the outer end portions of the levers for actuating the same.

3. A washfountain, comprising a wash basin accessible from all sides, a fountain positioned above the basin and having a circumferential line of jets for discharging water into the basin, a valve controlling the

flow of water from the fountain, a vertically moving reciprocal member positioned beneath the basin for controlling the valve, radially extending levers positioned beneath the basin and pivotally connected at their inner ends to the reciprocal member for moving the reciprocal member, and a ring like member loosely connected to the outer end portions of the levers for actuating the same.

4. A washfountain, comprising a wash basin accessible from all sides and having a downwardly extending discharge pipe, a fountain positioned above the basin and having a circumferential line of jets for discharging water into the basin, a valve controlling the flow of water from the fountain, a reciprocal member slidably mounted on the discharge pipe and having a connection with the valve for controlling the same, radially extending levers pivotally connected at their inner ends to the reciprocal member, and a ring like member pivotally connected to the outer end positions of the levers.

5. A washfountain, comprising a wash basin accessible from all sides and having a downwardly extending discharge pipe, and an upwardly extending water supply pipe, a fountain connected to the upper end portion of the supply pipe and having a circumferential line of jets for discharging water into the basin, a valve connected to the supply pipe, a reciprocal member slidably mounted on the discharge pipe and having a connection with the valve for controlling the same, radially extending levers pivotally connected at their inner ends to the reciprocal member, and a ring like member pivotally connected to the outer end portions of the levers.

6. A washfountain, comprising a wash basin having a downwardly extending discharge pipe and an upwardly extending supply pipe, a fountain connected to the supply pipe and having a line of jets for discharging water into the basin, a valve connected to the supply pipe, a vertically moving reciprocal member positioned beneath the basin and having an extension which engages the valve to control the same, levers having their inner ends pivotally engaging the reciprocal member and extending outwardly therefrom, and means connecting the outer end portions of the levers together.

7. A washfountain, comprising a wash basin having a supply pipe and a downwardly extending discharge pipe, a fountain connected to the supply pipe, a valve connected to the supply pipe, a reciprocal member slidably mounted on the discharge pipe and having a pivoted extension which is connected to the valve to control the same, said reciprocal member having an annular groove in its lower portion, pivoted levers

having their inner ends rounded and extending pivotally into said groove, and means connecting the outer ends of the levers together.

- 5 8. A washfountain, comprising a wash basin having a supply pipe and a downwardly extending discharge pipe, a fountain connected to the supply pipe, a valve connected to the supply pipe, a reciprocal member slidably mounted on the discharge pipe and having a pivotal extension which is connected to the valve to control the same, said reciprocal member having an annular groove in its lower portion, a support for said basin, levers pivoted to the support and having their inner ends rounded and extending pivotally into the annular groove, and ring means extending around the levers and connecting the outer ends of the levers together.
- 10
- 15
- 20 9. A washfountain, comprising a wash basin having a supply pipe and a down-

wardly extending discharge pipe, a fountain connected to the supply pipe, a valve connected to the supply pipe, a reciprocal member slidably mounted on the discharge pipe and having a pivoted extension which is connected to the valve to control the same, said reciprocal member having an annular groove in its lower portion, a support for said basin having openings with transverse pins, levers extending through said openings and pivotally mounted on said pins, the inner ends of the levers being rounded and pivotally extending into the annular groove and the outer ends of the levers being bifurcated, and means extending into the bifurcated end portions to connect the levers together.

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In testimony whereof, we affix our signatures.

LOUIS SCHLESINGER.
HERMAN E. HEINE.