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L. B. SIMONSON

SHAMPOO LIQUID FOUNTAIN FOR HAIR DRESSING PARLORS

Filed July 13, 1923

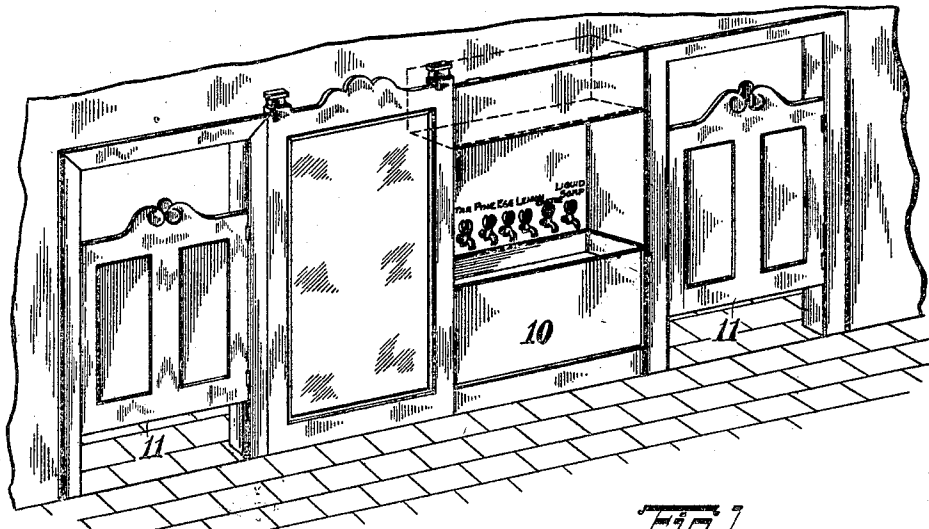


Fig. 1

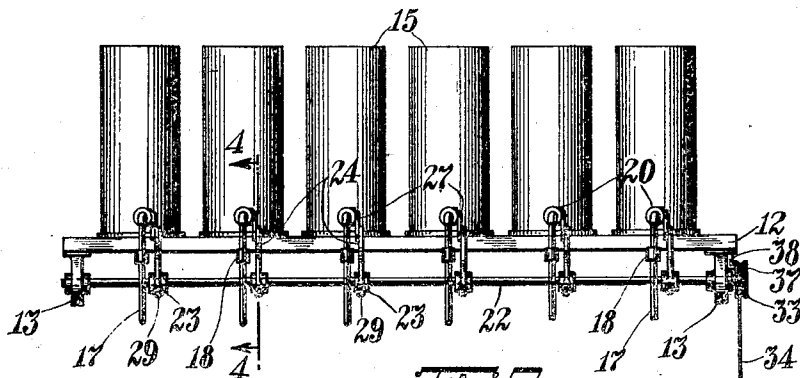


Fig. 2

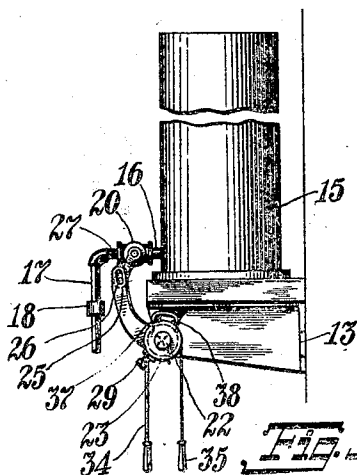


Fig. 3

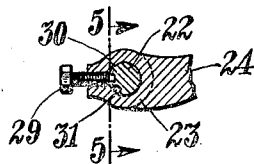


Fig. 4

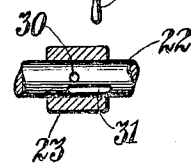


Fig. 5

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UNITED STATES PATENT OFFICE.

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SHAMPOO LIQUID FOUNTAIN FOR HAIR-DRESSING PARLORS.

Application filed July 13, 1923. Serial No. 651,286.

To all whom it may concern:

Be it known that, I, LEO B. SIMONSON, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Shampoo Liquid Fountains for Hair-Dressing Parlors, of which the following is a specification.

This invention relates to equipment for hair dressing, manicuring and toilet establishments generally, and it has for an object to provide a supply means, readily accessible for the various attendants, for the various liquid preparations used in the establishment, a further specific object relating to the provision of a unitary control means for the supply.

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 perspective view indicating the hallway of an establishment of the type above referred to, showing the novel liquid delivery means mounted on the wall thereof.

Fig. 2 is a rear elevational view showing the various supply tanks and their control means.

Fig. 3 is an end view thereof.

Fig. 4 is an enlarged fragmentary transverse sectional view taken on the line 4—4 of Fig. 2.

Fig. 5 is a vertical sectional view taken on the line 5—5 of Fig. 4.

In the drawings the reference numeral 10 indicates one of the walls of a hallway in a toilet establishment, sometimes known under the name of beauty parlor, doorways leading into various rooms or apartments being indicated at 11. Fixed to this wall, preferably on the side thereof which faces away from the hall, and at a considerable height, is a shelf 12 which may be supported as by the brackets 13. This shelf is adapted to serve as a support for the various containers for the liquid preparations employed. These containers are indicated at 15 and have short pipes 16 fixed thereto which are adapted to be engaged with the pipes 17 leading to the delivery devices on the wall 10. Couplings 18 are provided to

connect the pipes 16 on the containers to the feed pipes 17. The pipes 16 have valves 20 thereon which are adapted to be operated by means of arms mounted on the stems 60 thereof.

In order to permit of all the valves being controlled in unison, as for instance when it is desired to shut these valves when the establishment closes at night, I have arranged a special means for this purpose which means permits of individual operation of each valve; which may be necessary when one of the containers is to be changed. This means comprises a rock shaft 22 supported at opposite ends in the brackets 13 and having mounted thereon a number of collars 23 from which arms 24 project. These arms 24 have longitudinal slots such as 25 in their ends into which project pins such as 26 fixed in the valve operating arms 27.

The collars 23 are adapted to be fixed on the shaft 22 by means of screws 29 threaded through the side thereof and engaging at their inner ends in sockets such as 30 in the shaft. Formed in the shaft 22, at a suitable angular spacing from each of the sockets, are short longitudinal slots such as 31, the angular spacing of each individual socket and slot being such that when the screw 29 is engaged with the socket the arm 24 will be in position with the valve 20 closed and when the screw 29 is engaged in the slot, the arm 24 will be in position with the valve open.

To rock the shaft 22 suitable means are provided. As here shown a pulley 33 is fixed on one end of the shaft and has a pair of cords 34 led oppositely therearound and attached thereto, the depending ends of these cords having handles 35 thereon whereby they may be grasped for pulling. Movement of the rock shaft is limited at the proper positions, with the valves 20 either open or closed, by means of a pin 37 fixed in the bracket 13 adjacent the pulley 33 and engaging in an arcuate slot 38 in a radial lug 39 extended from said pulley.

The feed pipes 17 before mentioned lead downwardly and then through the walls 11 to connect to discharge faucets 42 through which the liquid is drawn or discharged as desired for use, the attendants being thus under a minimum trouble when replenishment of their small work receptacles is needed.

When either of the containers is to be changed, the corresponding screw 29 is withdrawn from its socket 30, and the arm 24 swung by hand to close the valve 20. This movement brings the screw 29 into registry with the slot 31, in the shaft 22 and the screw is then entered freely into the said slot and the collar slid along the shaft to disengage the pin 26 from the arm 24 which projects from the collar 23. The container is then lifted from the shelf 12, the arm 24 remaining in position to engage the valve on the new container when the collar 23 is slid back to its original position.

As will be apparent, I have provided a simple and convenient means for supplying the liquid preparations from their bulk containers to the various attendants, the faucets being preferably of an ornamental construction so as to present a pleasing appearance where exposed to the view of the patrons of the establishment.

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. An apparatus of the type described comprising a number of containers, pipe lengths projecting therefrom and having valves thereon, and a unitary means for controlling said valves, said means including a

rock shaft, arms fixed thereto, arms fixed to the said valves, and slot and pin connections between the respective arms, said first named arms being removably attached to said shaft.

2. An apparatus of the type described comprising a number of containers, pipe lengths projecting therefrom and having valves thereon, and a unitary means for controlling said valves, said means including a rock shaft formed with sockets and short longitudinal slots angularly spaced from said sockets, collars freely surrounding said shaft, arms on said collars, arms on said valves having a slot and pin connection with the first arms, and screws in said collars adapted to engage either in said sockets or in said longitudinal slots.

3. An apparatus of the type described comprising a number of containers, pipe lengths projecting therefrom and having valves thereon, and a unitary means for controlling said valves, said means including a rock shaft, arms fixed thereto, arms fixed to the said valves, and slot and pin connections between the respective arms, and pin and slot means for limiting the rocking movement of said shaft.

In testimony whereof I have affixed my signature.

LEO B. SIMONSON.