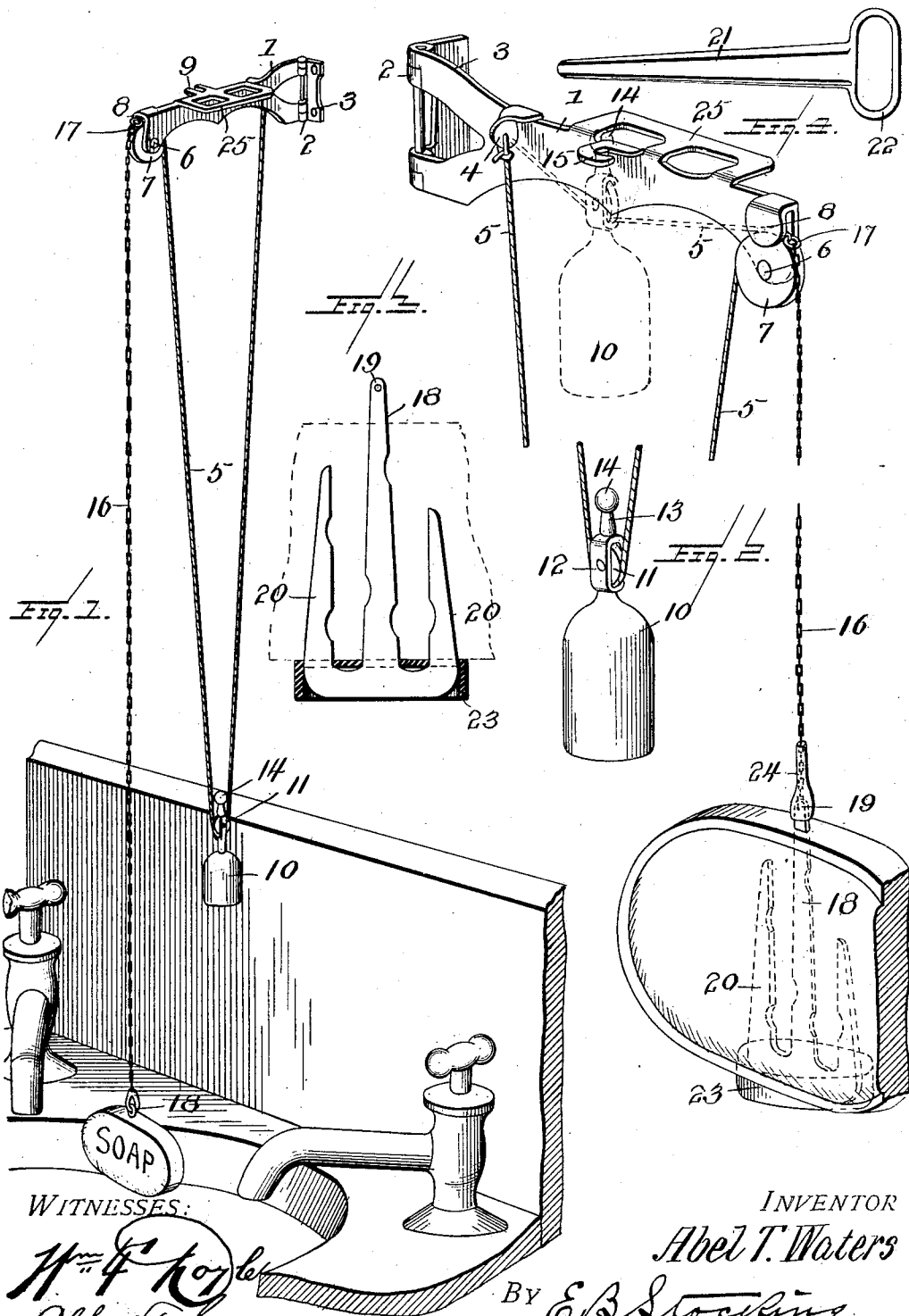


No. 897,690.

PATENTED SEPT. 1, 1908.

A. T. WATERS.
SOAP HOLDER.

APPLICATION FILED JAN. 28, 1908.



WITNESSES:

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SOAP-HOLDER.

No. 897,690.

Specification of Letters Patent.

Patented Sept. 1, 1908.

Application filed January 28, 1908. Serial No. 413,083.

To all whom it may concern:

Be it known that I, ABEL T. WATERS, a subject of the King of Great Britain, residing at Regina, Province of Saskatchewan, Dominion of Canada, have invented certain new and useful Improvements in Soap-Holders, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to a soap holder, and particularly to means for automatically lifting and retaining a cake of soap in a position above the water in a washing receptacle.

The invention has for an object to provide 15 a flexible connection extending from a cake of soap to a relatively fixed support, and provided with a lifting or retracting weight, together with means for holding said weight in an elevated position when it may be desired 20 to continue the use of the soap in its lowered position.

A further object of the invention is to so dispose the supporting means for the weight that the same may be automatically detached therefrom by a draft upon the soap 25 or the end of the cable where the soap is attached, together with means for pivotally mounting a bracket upon which all of said parts are carried.

30 Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawing:—Figure 1 is a perspective showing the application of the invention; 35 Fig. 2 is a similar view of the opposite side of the holder showing a modified form of weight support; Fig. 3 is an elevation of the attaching anchor for insertion in the cake of soap with the cushion in section, and Fig. 4 40 is an elevation of a boring tool adapted for use in preparing an aperture in brittle soap for the insertion of said anchor.

Like numerals refer to like parts in the 45 several views of the drawing.

The numeral 1 designates a supporting bracket which may be of any desired character or configuration and mounted in any preferred manner, for instance, by means of 50 the pivotal connection 2 with the wall plate 3. The bracket is formed at its inner portion with a laterally extending lug 4 to which one end of the supporting cable 5 is adapted to be attached, and at its outer end with the 55 lateral pivot 6 upon which the bearing roller 7 is mounted. This cord or cable 5 extends

over this roller and is retained in position thereon by the depending guard plate 8 from the body of the bracket. The bracket is provided intermediate of the roller and attaching 60 lug with a laterally extending supporting device 9 adapted to coöperate with and hold the weight 10 which travels upon the cable by means of the roller 11 mounted in a casing 12 thereof. Above this roller is a post 65 13 provided with an enlarged head 14 spaced from the top of the casing 12 so as to permit the passage between these parts of the support 9. This support, as shown in Fig. 1 is bifurcated and extended laterally from the 70 bracket, while the modified form shown in Fig. 2 comprises a hook 15 facing the free end of the bracket. This operation is automatically accomplished by a draft upon the chain 16 extending from the free end of the 75 cable 5 which lifts the weight and parts carried thereby until the head 14 is carried above the support 9 when a slight relaxing of the tension hooks the head over the supports, thus retaining the weight to permit 80 the continued use of the soap in its lowered position. The downward travel of the weight and upward movement of the soap is limited by a ring 17 which forms the connection between the chain and cable and by 85 engaging the guard over the roller acts as a stop.

The soap may be attached to the free end of the cord in any desired manner, but preferably by means of the anchor 18 formed of 90 plate material and having the attaching eye 19 at the shank thereof and the notched flukes 20 adapted to enter the body of the cake of soap and be held therein. When it is desired to insert this anchor into a cake of 95 brittle or hard soap the apertures for that purpose may be readily formed by means of the boring tool 21, shown in Fig. 4, which is provided with the operating handle 22. In order to prevent contact of the metal of the 100 anchor with the wash stand fixtures, or with the hands of the user, a rubber cushion 23 may, if desired, be applied to the flukes thereof, and similar protecting portion 24 disposed over the attachment between the 105 chain and the anchor. The bracket may, if desired, be provided with a brush holding rack 25 upon one side thereof.

In the operation of the invention it will be seen that the weight normally holds the soap 110 cake in a position against the inner edge of the wash basin so as to be removed from the

water, and consequently permitting the quick drying thereof which is a material saving in the soap and always supports it in position for immediate use without soiling the wash stand and fixtures by dripping therefrom. The bracket is mounted so that the soap cake may be swung out of position when not desired for use, and if it be desired to continuously retain the same in the water for any length of time, for instance, when forming strong suds or for use in the bath, the weight may be supported in elevated position by means of the support extending laterally of the bracket. This attaching function is accomplished by a draft upon the free end of the cable as before described, and a continued downward draft lifts the head of the weight from contact with the bracket so that a quick release of the downward movement upon the end of the cable withdraws the weight from its support and permits a continued use thereof in its ordinary position. The invention dispenses with the use of a soap receptacle, and permits the rinsing of the suds from the soap which is an important hygienic advantage.

Having described my invention and set forth its merits, what I claim and desire to secure by Letters Patent is:—

1. In a soap holder, a bracket provided at its free end with a bearing roller and at its opposite end with an attaching means, a cable extending from said means and over said roller, means for attaching soap to the free end of said cable, and a weight disposed upon the cable intermediate of the roller and attaching means.

2. In a soap holder, a bracket provided at its free end with a bearing roller and at its opposite end with an attaching means, a cable extending from said means and over said roller, means for attaching soap to the free end of said cable, a weight disposed upon the cable intermediate of the roller and attaching means, a wall plate, and a pivotal connection between said bracket and said plate.

3. In a soap holder, a bracket provided at its free end with a bearing roller and at its opposite end with an attaching means, a cable extending from said means and over said roller, means for attaching soap to the free end of said cable, a weight disposed upon the cable intermediate of the roller and attaching means, a supporting device carried by said bracket, and means carried by said weight to be engaged with said device.

4. In a soap holder, a bracket provided at its free end with a bearing roller and at its opposite end with an attaching means, a cable extending from said means and over said roller, means for attaching soap to the free end of said cable, a weight disposed upon the cable intermediate of the roller and attaching means, a supporting device carried

by one side of said bracket, and means carried by said weight to rest upon the upper face of said supporting device.

5. In a soap holder, a bracket provided with a laterally disposed attaching lug, a bearing roller pivotally mounted upon the free end of the bracket at one side thereof, a guard plate extending over said roller, a cable extending from said lug over said roller, a weight disposed upon the cable between said lug and roller, and means for connecting a soap cake to the free end of said cable.

6. In a soap holder, a bracket provided with a laterally disposed attaching lug, a bearing roller pivotally mounted upon the free end of said bracket at one side thereof, a guard plate extending over said roller, a cable extending from said lug over said roller, a weight disposed upon said cable between the lug and roller, means for connecting a soap cake to the free end of said cable, a laterally disposed support carried by one side of said bracket, and means carried by the weight to engage said support.

7. In a soap holder, a bracket provided with a laterally disposed attaching lug, a bearing roller pivotally mounted upon the free end of said bracket, a cable extending from said lug over said roller, a weight disposed upon said cable between said lug and roller, means for connecting a soap cake to the free end of said cable, a laterally disposed support carried by one side of said bracket, and a head carried by the upper end of said weight to be engaged by said support.

8. In a soap holder, a bracket, a supporting cable, an anchor formed of a plate comprising a head to engage a face of a soap cake and having a shank extended through said cake and parallel flukes of less length than said shank, and a connection between said cable and shank.

9. In a soap holder, a bracket, a supporting cable attached thereto at one end, a plate anchor adapted for insertion in a soap cake and provided with notched flukes and an eye upon its shank, a connection between the other end of the cable and said eye, and a cushioning covering carried by the lower portion of said anchor.

10. In a soap holder, a bracket, a supporting cable attached thereto at one end, an anchor adapted for insertion in a soap cake and provided with an eye upon its shank, a chain connection between the other end of the cable and said eye, a cushioning cover upon the lower portion of said anchor, and a protecting covering upon said chain connection with the anchor.

11. A bracket for a soap holder provided upon one face with a laterally disposed attaching lug and a weight supporting hook, a bearing roller pivoted on said bracket, a soap supporting cable secured to said lug and ex-

tended over said roller, and a weight connected to said cable intermediate the lug and roller and adapted to engage said hook.

12. In a soap holder, a bracket provided upon one face with a laterally disposed attaching lug and a bearing roller, a cable secured to said lug and extended over said roller, means for attaching soap to the free end of said cable, a weight supported upon

said cable intermediate said lug and roller, a wall plate, and a pivotal connection between said wall bracket and plate.

In testimony whereof I affix my signature in presence of two witnesses.

ABEL T. WATERS.

Witnesses:

HETTA B. KNAPP,
J. A. ALLAN.