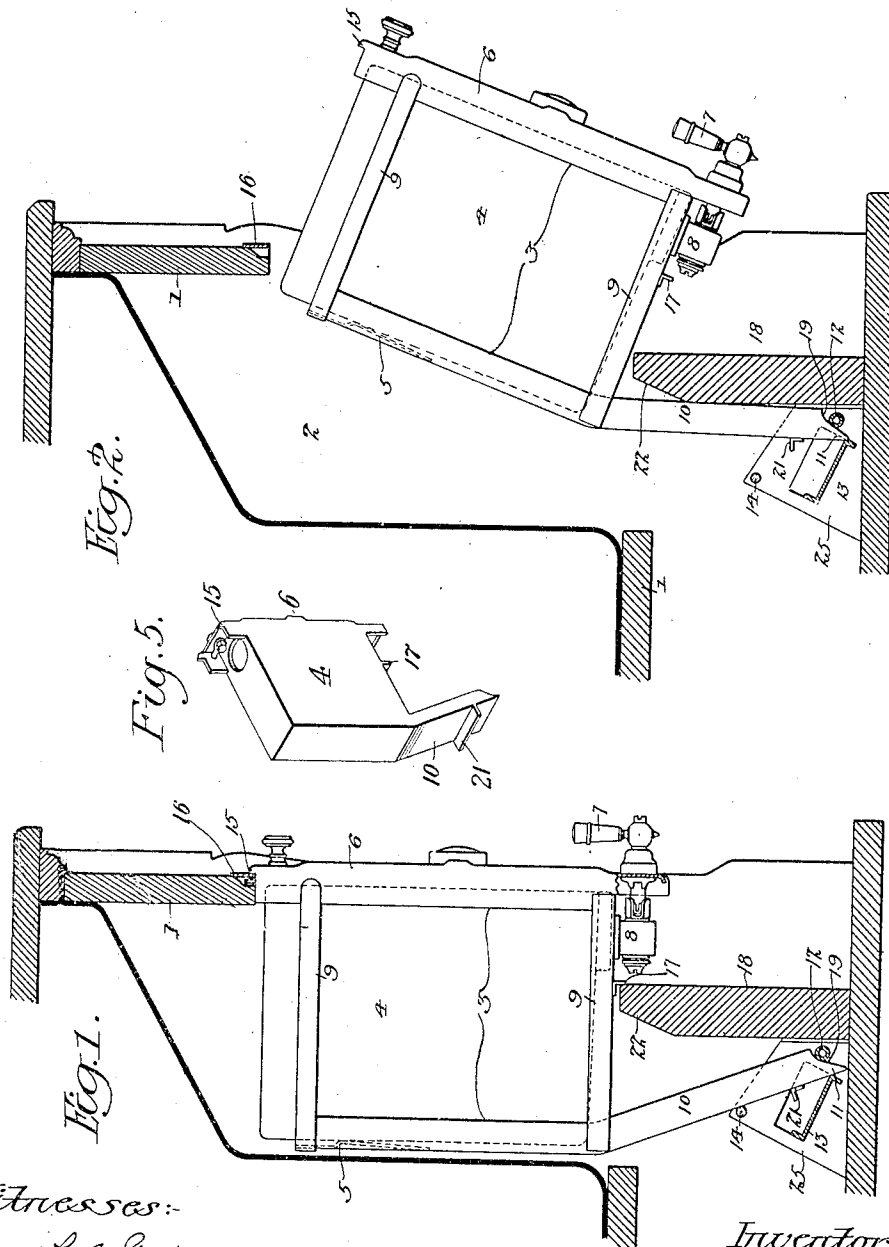


No. 878,379.

PATENTED FEB. 4, 1908.

L. G. GREEN.
SODA WATER FOUNTAIN.
APPLICATION FILED FEB. 15, 1904.

2 SHEETS—SHEET 1.



Witnesses:
Frank L. A. Graham
Hamison S. Linn

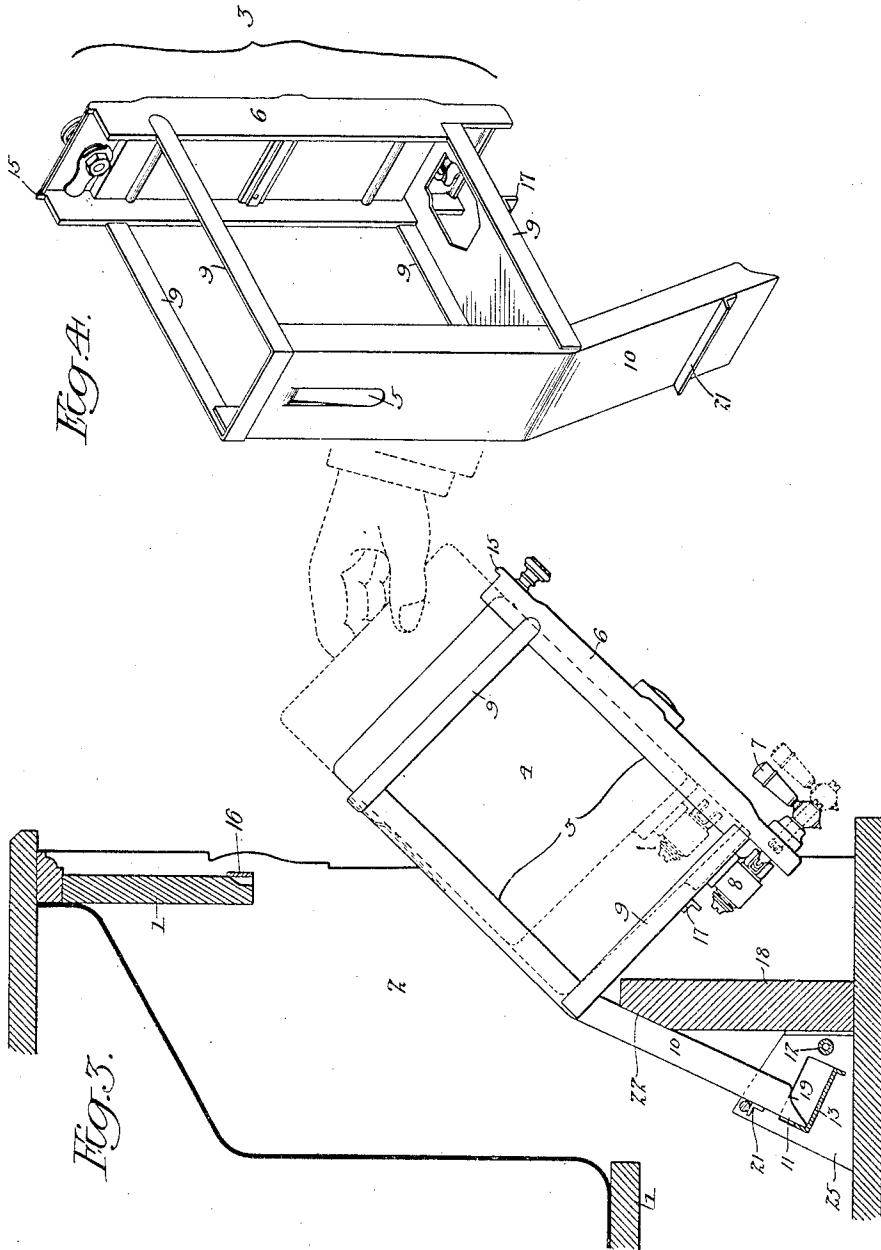
Inventor:
Louis G. Green,
by his Attorneys,
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Hamilton S. Zinner

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UNITED STATES PATENT OFFICE.

LOUIS G. GREEN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HIMSELF, ROBERT M. GREEN, FRANK D. GREEN, AND ROBERT M. GREEN, JR., TRADING AS ROBERT M. GREEN & SONS, OF PHILADELPHIA, PENNSYLVANIA.

SODA-WATER FOUNTAIN.

No. 878,379.

Specification of Letters Patent.

Patented Feb. 4, 1908.

Application filed February 15, 1904. Serial No. 193,643.

To all whom it may concern:

Be it known that I, LOUIS G. GREEN, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Soda-Water Fountains, of which the following is a specification.

My invention relates to soda water fountains, and consists of certain improvements in the mounting and support for the syrup containers or jars, the object of my invention being to facilitate the removal of such syrup jars, and at the same time provide means whereby such syrup jars may be firmly supported in a position to be recharged, and readily removed for cleansing.

My invention is fully illustrated in the accompanying drawings, in which:

Figure 1, is a sectional view of sufficient of a soda water fountain to illustrate my invention, showing my improved form of syrup jar and the receptacle or frame therefor in the normal position for dispensing the contents of the jar; Fig. 2, is a similar sectional view showing the syrup jar within its receptacle in position to be refilled; Fig. 3, is a similar sectional view showing the receptacle for the syrup jar in position to permit the removal of such jar for cleansing, the latter being shown by dotted lines as partly removed; Fig. 4, is a perspective view of the syrup jar holder, and Fig. 5, is a view illustrating a detail of my invention.

In the drawing herewith, 1 represents the casing of the fountain having at the front a recessed portion or chamber 2, adapted to receive the frames 3 which serve as receptacles for the syrup jars 4. These jars may be made of porcelain, glass or other suitable material and fit into the frames 3, which are provided with spring fingers 5 to hold said jars firmly in place. The frames 3 supporting the jars have fronts 6 of an ornamental character; which fronts are designed to rest in a vertical position and fit snugly in series between the side walls of the fountain. The front of each frame carries at the bottom a suitable operating lever 7 for manipulating the faucet 8 of the jar, and this faucet and the operating mechanism therefor may be similar to that found in common use at the present time, although I prefer to use the faucet shown and described in Patent No. 702,131, dated June 10, 1902.

The frame 3 has cross bars 9 connecting the front 6 with the rear portion which carries a depending leg 10, and when the frame with its jar are in the normal position, as shown in Fig. 1, the end 11 of this leg rests between a cross bar 12 extending across the lower part of the fountain, and the front edge of a bridge piece 13, also extending across the bottom of the fountain, below the cross bar 12. Above the bridge piece is another cross bar 14, for a special purpose to be noted hereinafter, and the back of the depending leg 10 also contacts with this bar. To insure that the jar will maintain a vertical position with relation to the fountain, the fronts 6 are provided at the top with flanges 15 adapted to rest against a metal strip 16 running across the fountain, and the frames 3 are provided at the bottom with flanged pieces 17, which act as stops and serve also to seal the opening between the bottom of the frame and the cross piece 18 of the fountain. The ends of the legs 10 are cut at an angle with a return curve, as shown at 19, in order that they may rest between the cross bar and bridge piece, as shown in Fig. 1.

When it is desired to bring a jar to a position to receive a fresh supply of syrup, such position being shown in Fig. 2, the leg 10 will be tilted slightly forward, but will not leave its engagement with the cross bar 12 and the front edge of the bridge piece; and the portion of the leg adjacent to the bar will rest against the wall or cross piece 18 of the fountain frame. By this arrangement of the frame with its supporting means, the jar will be firmly supported in the refilling position. When it is desired to bring the frame holding the jar to a position to permit removal of the latter for cleansing, such position being shown in Fig. 3, the frame will be supported by a projection 21 carried by the leg 10, which is adapted to rest under the cross bar 14, the end of such leg lying against the rear wall of the bridge piece, as clearly shown in Fig. 3; and by this means the frame will be firmly supported and the jar may be readily removed, clearing the upper portion of the fountain.

When it is desired to remove the frame entirely for any purpose it is only necessary to guide the leg 10 so that its projection 21 will clear the cross bar 14. If desired, the upper rear edge of the lower cross piece 18

of the fountain may be beveled as shown in 22.

It will be noted that when the jars and their containing frames are set in place, the arrangement which I provide supports them firmly and they are not in danger of accidentally tilting forward, nor is there any interference with the adjoining frames and jars.

While I have shown and described the jar and its frame as separate parts, it will be understood that they may be connected together so as to be bodily removable, and that in some instances they may be formed integral with each other as shown in Fig. 5. The cross bars 12 and 14 and the bridge piece 13 forming the anchoring or supporting means for the syrup jar and its frame are carried by a light frame 25 arranged at the bottom of the soda fountain structure, which frame is secured adjacent to the rear of the cross piece or wall 18.

Having thus described my invention, I claim and desire to secure by Letters Patent:

1. In a soda water fountain, the combination of the casing having a front recess, a removable jar mounted in said recess, a removable frame carrying said jar, an elongated forwardly projecting depending leg carried by said frame, and a cross-bar at the lower part of the casing for engaging said depending leg, said cross-bar having a plurality of projections for engagement with the depending member whereby the jar may be supported in different positions, inclined and otherwise, with respect to the fountain casing.

2. The combination in a soda water fountain, of the casing having a recess at the front, a wall extending across the fountain and partially filling said recess, a syrup container removably mounted in said recess, a retaining member combined with said container and having a curved end, said retaining member being disposed behind the wall, a cross bar for engaging the curved portion of said retainer to hold the syrup container in a vertical position, and a bridge piece engaging the rear of said retainer and co-acting with the cross bar to support the syrup container in vertical position.

3. The combination in a soda water fountain, of the casing having a recess at the front, a wall extending across said fountain and partially filling said recess, a syrup container removably mounted in said recess, a retaining member combined with said container and extending below the same, said retaining member being disposed behind the wall, means engaging said retainer to hold the syrup container in the vertical position, a lug carried by said retainer, and means for engaging said lug whereby the jar may be supported in a tilted position.

4. The combination in a soda water fountain, of the casing having a front recess, a syrup jar mounted in said recess, a frame in

which said syrup jar is mounted, said frame having an elongated forwardly projecting depending leg, means for engaging said leg whereby the jar may be supported in a vertical position, a bridge piece for guiding the lower end of the leg when tilting the syrup jar and means for engaging said leg to support the jar in a tilted position.

5. In a soda water fountain, the combination of a casing having a front recess, a wall extending across the fountain and partly filling said recess, a syrup container removably mounted in said recess, retaining means combined with said container and extending below the same, said retaining means being disposed on opposite sides of said wall, and means behind said wall engaging a portion of said retaining means, another part of said retaining means adapted to engage the wall, whereby the syrup container may be supported in vertical and inclined positions.

6. In a soda water fountain, the combination of a casing having a front recess, a wall extending across the fountain, and partly filling said recess, a supporting frame removably mounted in said recess, a jar removably mounted in said frame, retaining means combined with said frame extending below the same and including an elongated depending portion disposed behind the wall, and means behind said wall adapted to engage the end of said depending portion, another part of said retaining means adapted to engage the wall whereby the frame may be supported in vertical and inclined positions.

7. In a soda water fountain, the combination of a casing having a front recess, a wall extending across the fountain and partly filling said recess, a supporting frame removably mounted in said recess, a jar removably mounted in said frame, an elongated forwardly projecting portion carried by said frame and disposed behind the wall, a projection carried by the frame and disposed in front of the wall, and means also disposed behind said wall for engaging the end of said depending portion whereby, in connection with said projection, the frame may be supported in different positions, inclined and otherwise, with respect to the fountain casing.

8. In a soda water fountain, the combination of the casing having a front recess, a jar removably mounted in said recess, a removable frame carrying said jar, an elongated forwardly projecting depending leg carried by said frame and disposed behind said wall, a projection carried by the frame and disposed in front of the wall, and a cross bar also disposed behind said wall at the lower part of the casing for engaging the end of said leg whereby, in connection with said projection, the jar may be supported in place whether in a vertical or inclined position.

9. In a soda water fountain, the combina-

tion of a casing having its front portion recessed to receive syrup jars, a wall extending across the fountain and partly filling said recessed portion, a series of removable frames 5 for carrying said jars mounted in said recessed portion, retaining means combined with said frames and extending below the same and including elongated depending legs carried at the lower rear portions of said frames and 10 extending forwardly, said legs being disposed behind the wall, and means behind said wall adapted to engage the ends of said legs while other parts of said retaining means engage the wall whereby the syrup jars may be supported in vertical and inclined positions. 15

10. The combination in a soda water fountain of the casing having its front portion recessed to receive the syrup jars, a wall extend-

ing across the fountain and partly filling said recessed portion, elongated depending legs 20 carried at the lower rear portion of said jars and extending forwardly, said legs being disposed behind the wall, projections carried by the jars and disposed in front of the wall, 25 and a cross bar also disposed behind said wall for engaging the ends of said legs whereby, in connection with said projections, the syrup jars may be supported in different positions with respect to the fountain casing.

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

LOUIS G. GREEN.

Witnesses:

FRANK D. GREEN,
J. M. DENWORTH.