

(No Model.)

R. M. GREEN.
SODA WATER FOUNTAIN.

No. 545,284.

Patented Aug. 27, 1895.

Fig. 1.

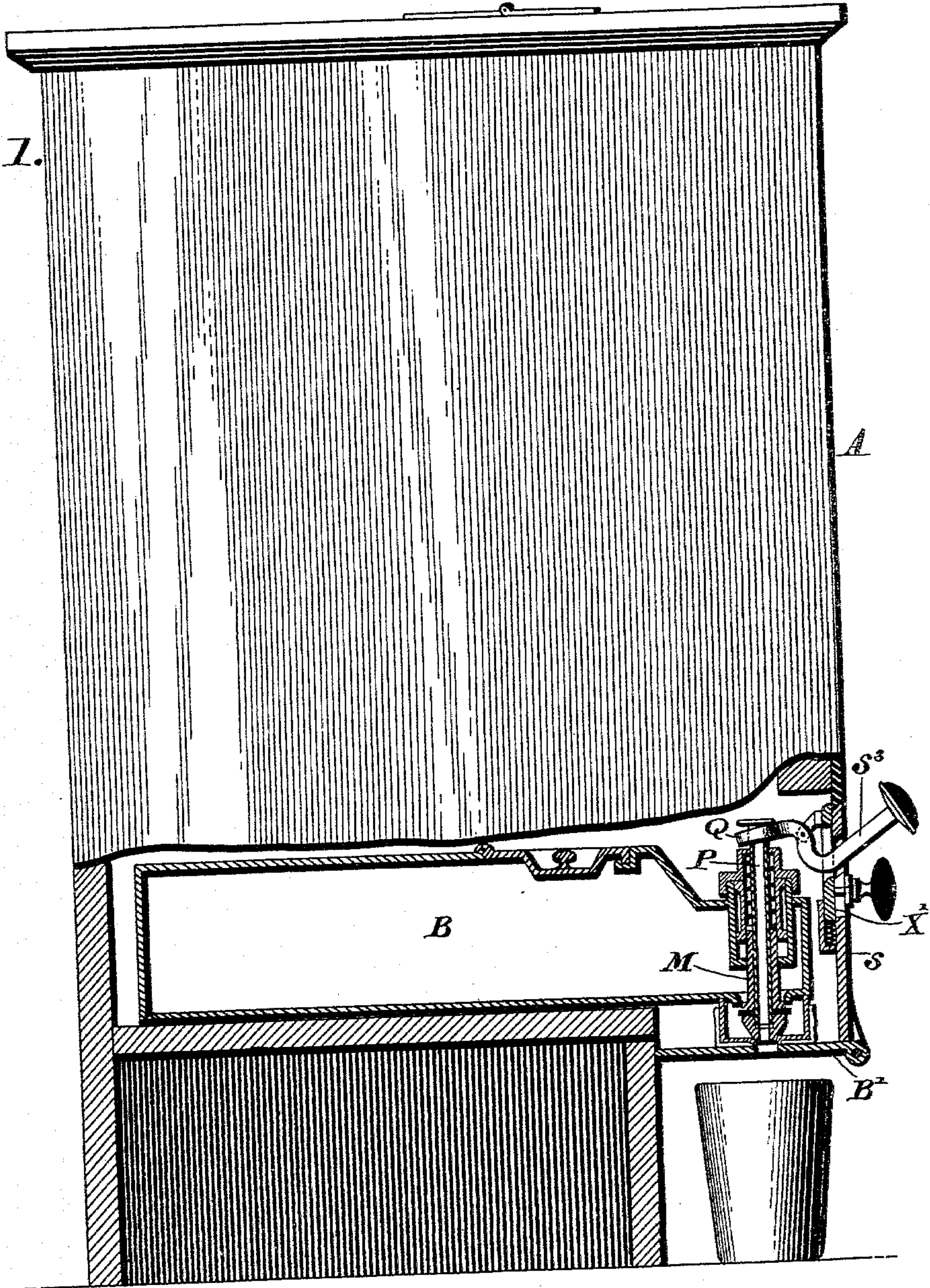


Fig. 2.

WITNESSES:

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SODA-WATER FOUNTAIN.

SPECIFICATION forming part of Letters Patent No. 545,284, dated August 27, 1895.

Application filed October 10, 1893. Serial No. 487,717. (No model.)

To all whom it may concern:

Be it known that I, ROBERT M. GREEN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Soda-Water Fountains, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists in providing the door of the casing of a soda-water fountain with a pivotal or swinging lever which is adapted to be detachably connected with the sliding stem of the discharge-valve of a sirup can or jar.

It also consists of the novel construction of the bolt which secures the doors in closed positions.

Figure 1 represents a vertical section of a portion of a soda-water apparatus embodying my invention. Fig. 2 represents a top or plan view of the valve-stem and portion of the operating-lever thereof.

Similar letters of reference indicate corresponding parts in both the figures.

Referring to the drawings, A designates the casing of a soda-water fountain, and B designates a sirup-jar therein.

N designates the valve for discharging the sirup from said jar, the stem P of the same being freely embraced by the bifurcation Q on the inner end of the lever S³, which latter is mounted on the door S, the outer end of said lever being accessible in front of said door, so that when the lever is operated the bifurcation bears against the head of the stem and the valve is thereby moved and opened, permitting the discharge of the sirup from the jar. The door S is hinged to the plate B' on the casing A and is provided with the bolt X', which in the present instance is

slotted to permit the adjacent portions of the lever S³ to pass through the same, the end of the bolt engaging with the proper part of the casing, so as to hold the door in closed position. It will be seen that when the bolt is released the door may be opened, the bifurcation Q then leaving the valve-stem without disturbing the latter and permitting access to the jar. When the door is closed the bifurcation returns over the stem, so as to be adapted to again engage with said stem when the lever is operated. The bolt is closed or closes, and thus the door is locked.

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

1. In a soda water fountain, a door, a swinging lever mounted on said door, a jar or can, and a valve for said jar or can having a sliding stem, said sliding stem and swinging lever being detachably connected, substantially as described.

2. In a soda water fountain, a jar or can, a door, a swinging lever mounted on said door, and having a bifurcation on its inner end and a valve for said jar or can having a sliding stem, which latter is freely embraced by said bifurcation, and adapted to have its head engaged by said bifurcation when the lever is operated substantially as described.

3. In a soda water fountain, a door, a lever thereon, adapted to be detachably connected with the stem of the valve of the sirup jar or can and a locking bolt adapted to have said lever pass through the same substantially as described.

ROBERT M. GREEN.

Witnesses:

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