

(No Model.)

W. H. GREENE.
SODA WATER APPARATUS.

No. 308,558.

Patented Nov. 25, 1884.

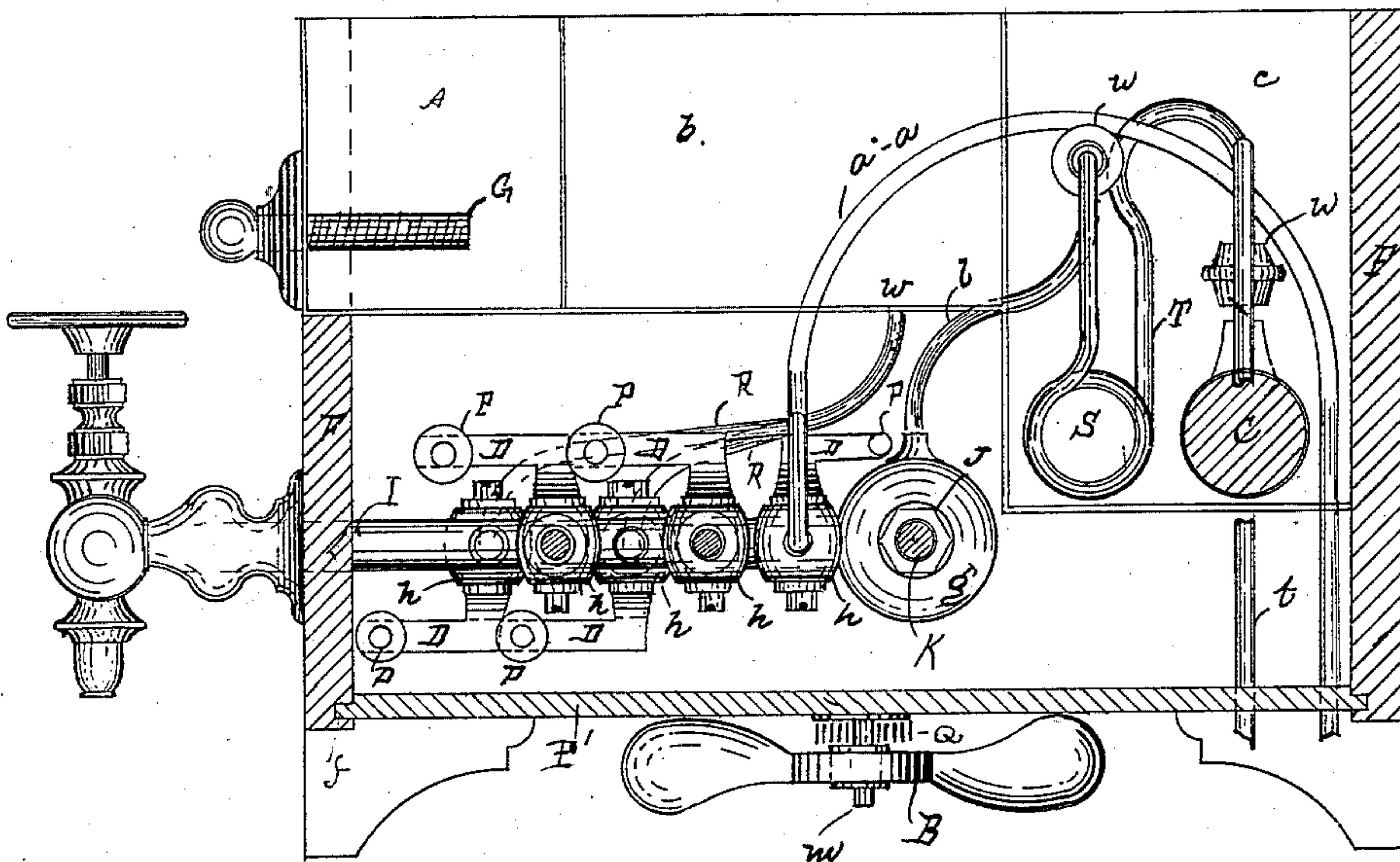
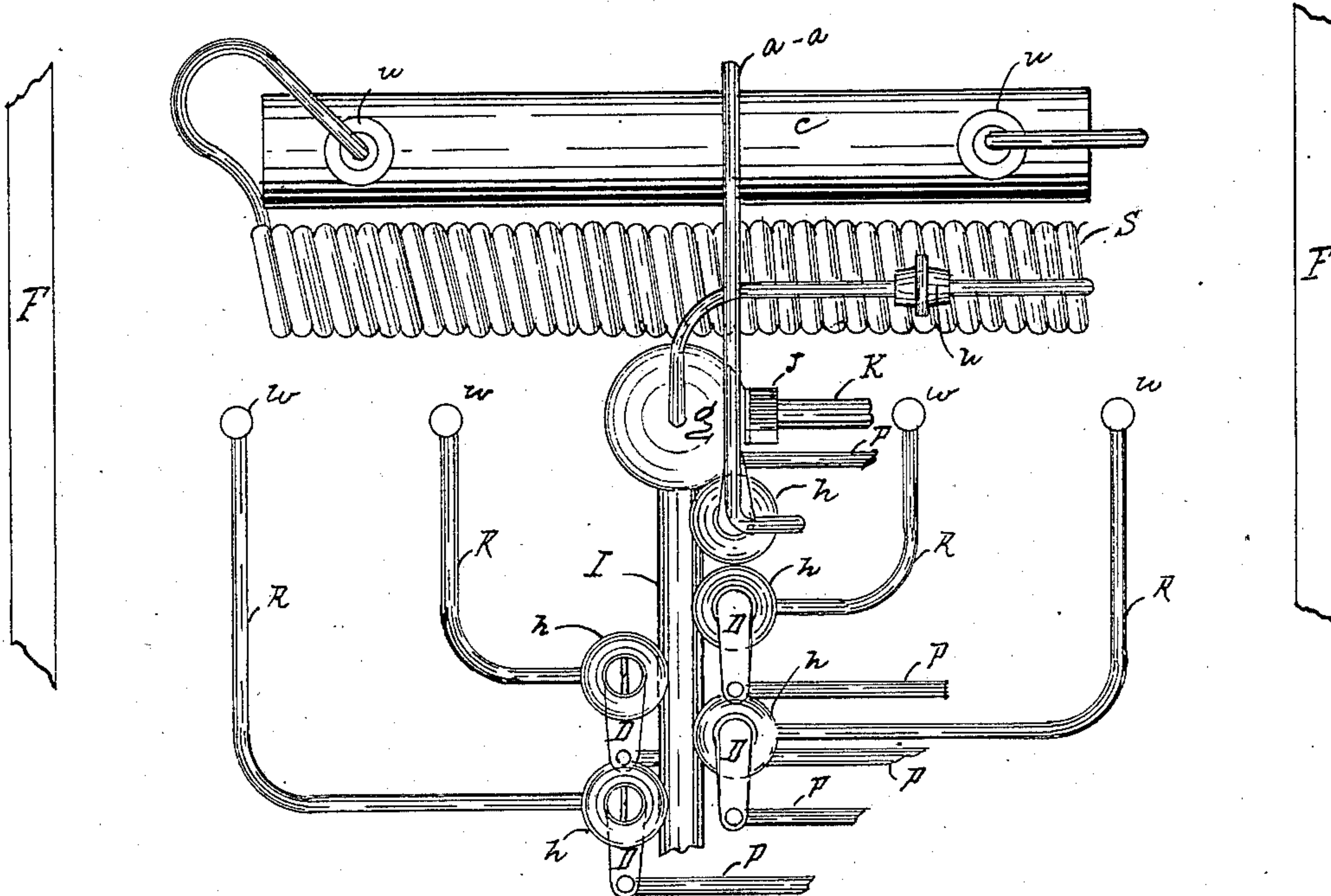


Fig. 1-



Witnesses—

Fig. 2—

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SODA-WATER APPARATUS.

SPECIFICATION forming part of Letters Patent No. 308,558, dated November 25, 1884.

Application filed September 25, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. GREENE, of Danbury, in the county of Fairfield and State of Connecticut, have invented certain
5 new and useful Improvements in Soda-Water Apparatus; and I do hereby declare that the following is a full and exact description of the same.

In drawing sirups from an apparatus in
10 which all the sirups discharge through one main outlet a portion of the sirup drawn must necessarily be left in the discharge-pipe, and thus become mixed with the next kind drawn.

The object of one of my improvements is to
15 obviate this trouble, which is accomplished by adding to the apparatus a water-pipe for washing out the main discharge after each kind of sirup has been drawn, which pipe is clearly represented in drawings, Figure 1, and is also
20 clearly explained in the description which follows.

Fig. 1 is a side sectional view. Fig. 2 is an internal top view.

a a is a pipe connecting a receptacle for water under pressure with the main discharge-pipe I in front of the usual soda-water cock, *g*.
25 The other cocks in the main discharge-pipe I are lettered in the drawings *h*, and each has pull, *p*, as is usual in my soda-fountains.
30 The cocks are connected with pipes to the vessels *b*, which hold the various kinds of sirups.

A represents a vessel arranged in any convenient place or in any convenient form in the case, for the especial purpose of holding
35 dry soda, and into which is inserted a cock pull or valve, *G*, for the purpose of drawing out the dry soda into a glass or tumbler.

B is a fan, designed to produce a draft of air to agitate the air in the vicinity of the apparatus and enhance the comfort of those standing near it. Incidentally, also, it will serve to
40 drive away flies and other insects, and can be propelled by a spring, *Q*, or any other proper and convenient motive power.

F is the case or framing of the apparatus, 45 and I construct it of zinc.

The case may be made cheaply and at the same time made highly ornate by constructing of cast-zinc plates or sections *F F'*, united by tongue and groove, as at *f*, and secured together by solder or otherwise. The special
50 ornamental design, like the proportions of the parts, is capable of infinite variation, and does not require any illustration, as it may be either a matter of fancy or separate invention. The
55 methods of joining the separate sections may also be greatly varied, and may also be either a matter of choice or of separate invention.

It is usual in fountains to wash or drive the sirups, which have been let into the main discharge-pipe I from the vessels holding the same, out and into the glass or tumbler by the force of the soda-water, which, in the drawings, enters the fountain through pipe *T*.
60

In my improvement I can draw from the
65 dry-soda vessel *A* a sufficient quantity of the dry soda into a glass, and then by means of the pull connecting with the pressure water-pipe discharge a force of water through the main discharge-pipe I into the glass, thereby
70 mixing the water and soda in the glass.

Previous to the discharge of water the sirups must of course have been let from the vessel or vessels containing them into the main discharge-pipe.
75

Having described my invention, what I claim as new is—

A soda-water-dispensing apparatus combined with a receptacle for water under pressure and a pipe to discharge said water at will
80 into the main discharge-pipe I immediately back of the combination of sirup-cocks, to wash said pipe of residual sirup, as set forth.

WILLIAM H. GREENE.

Witnesses:

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D. W. LEWIS.