

C. M. WHELDEN.
SODA AND MINERAL WATER STAND.

No. 66,060.

Patented June 25, 1867.

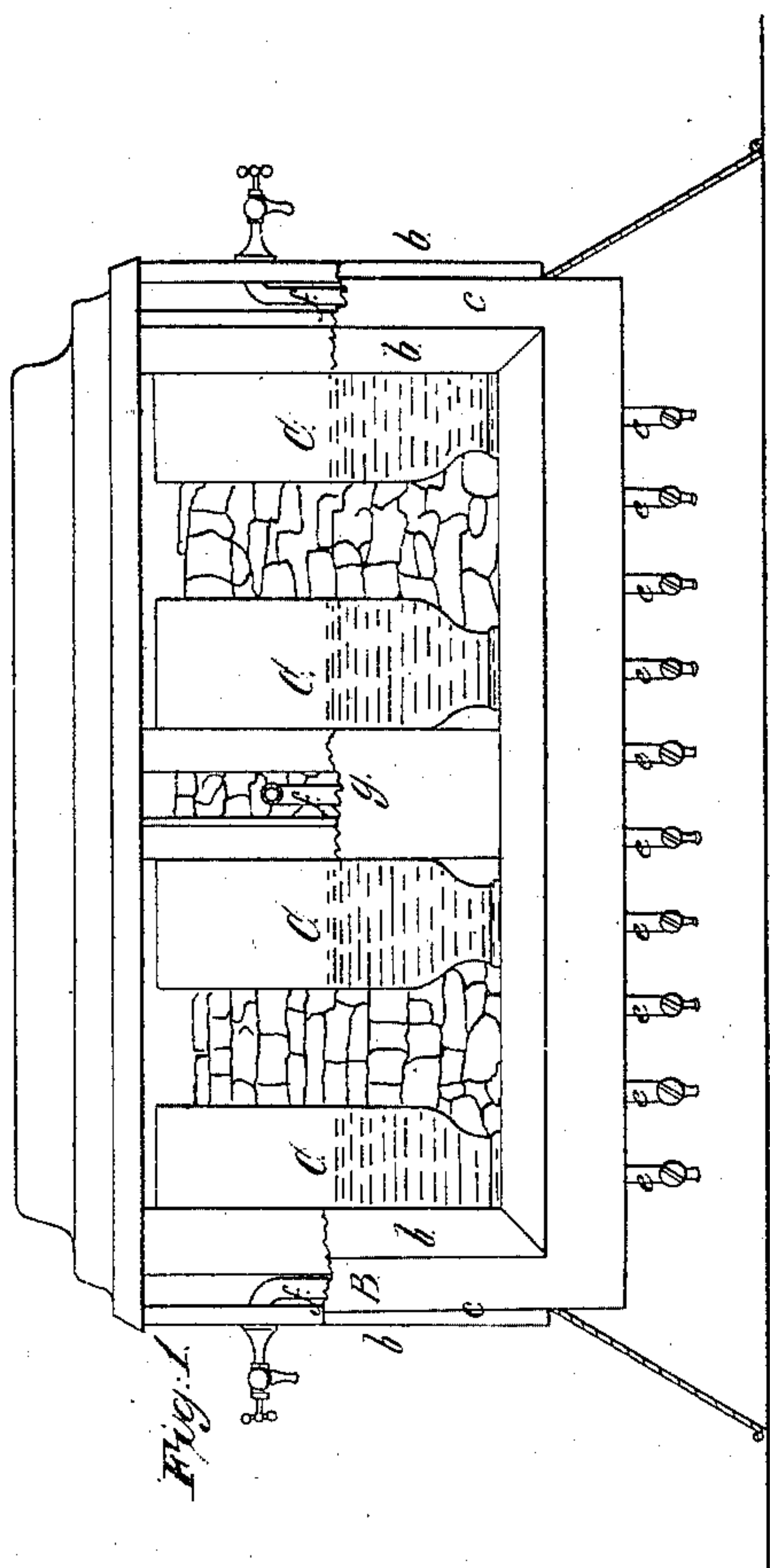


Fig. 2.

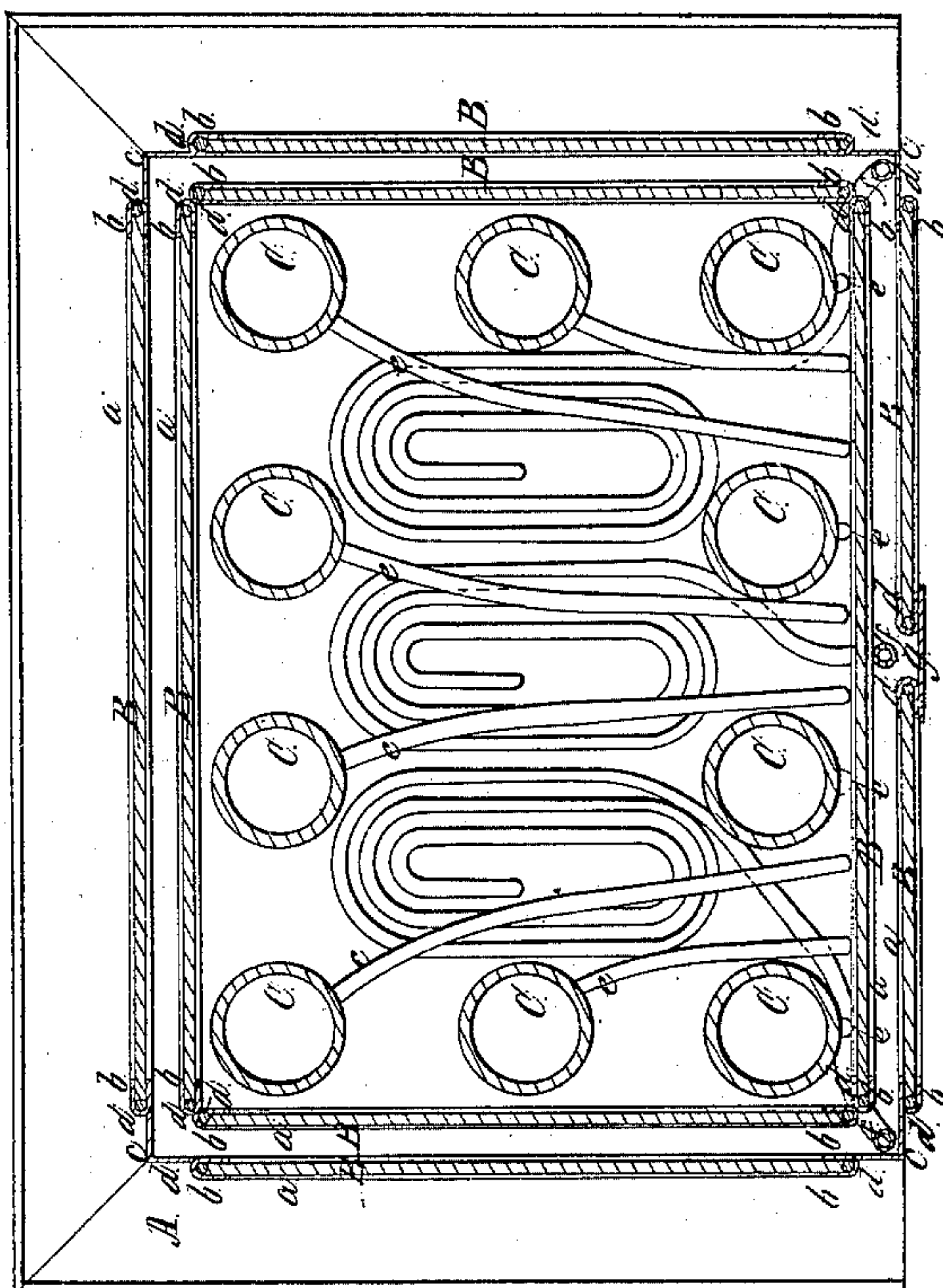


Fig. 3.

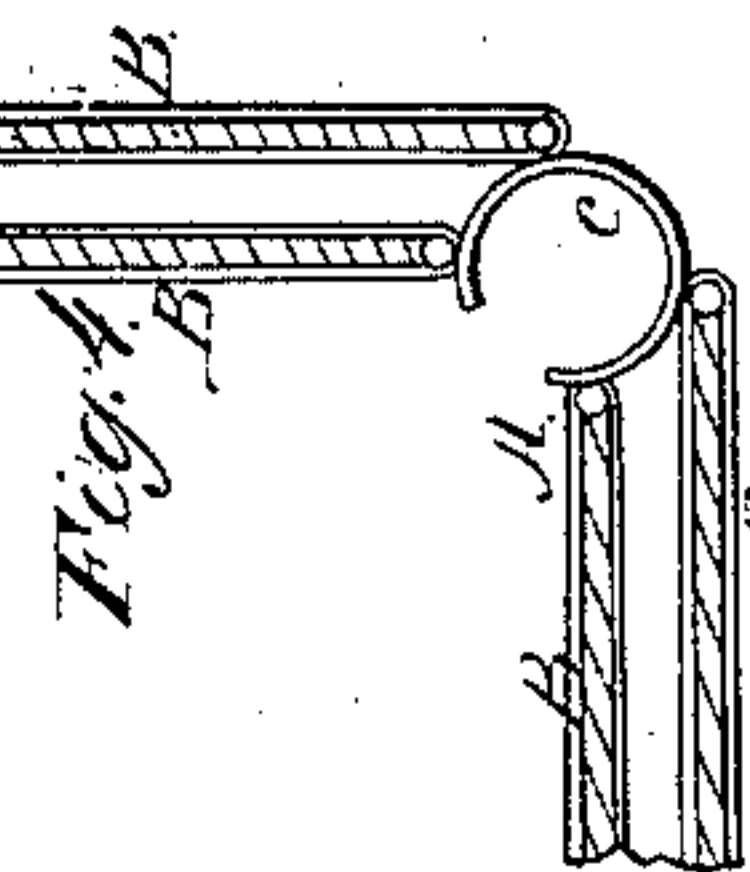
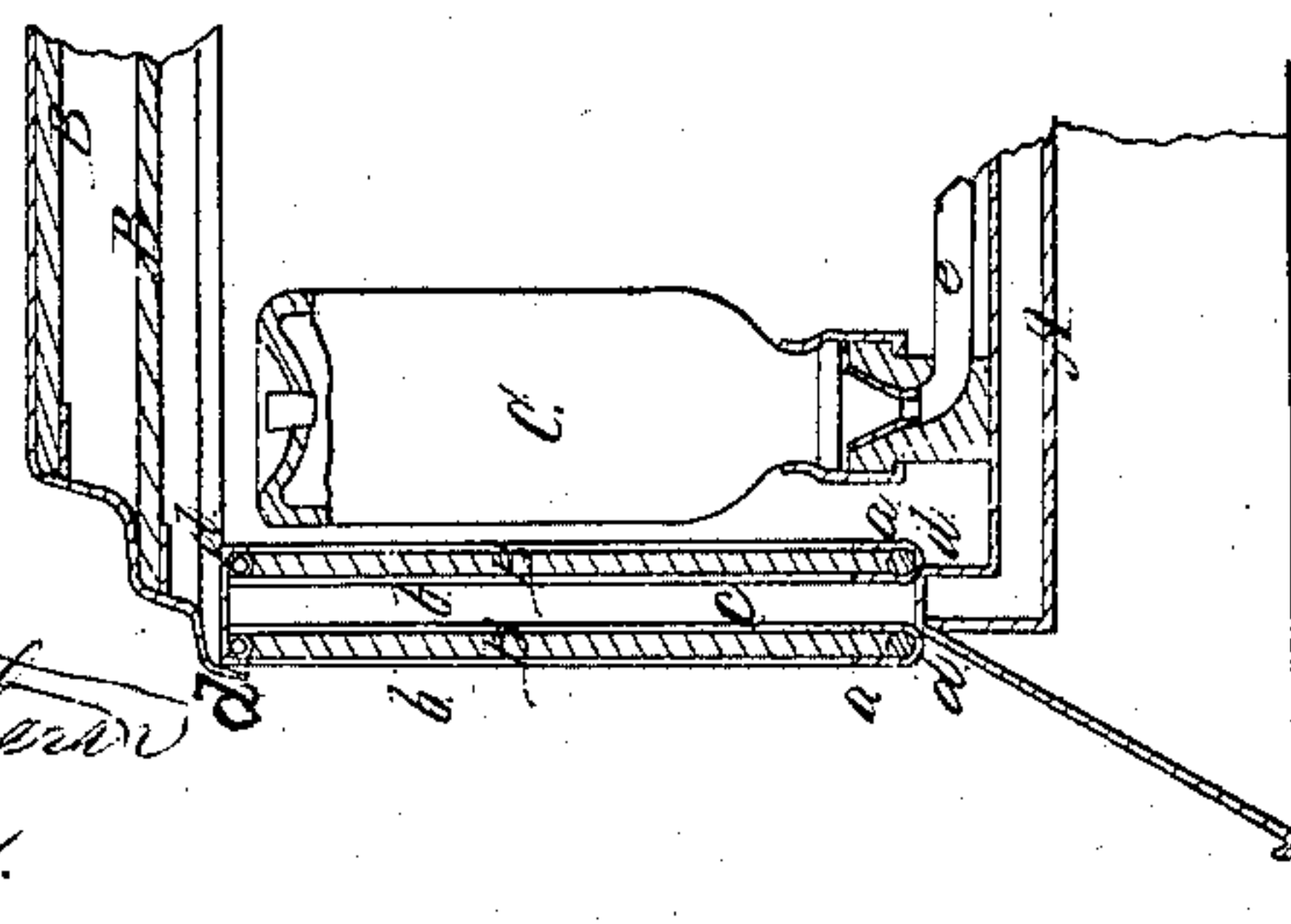


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

CHAS. M. WHELDEN, OF PITTSFIELD, MASSACHUSETTS.

IMPROVED SODA AND MINERAL WATER STAND.

Specification forming part of Letters Patent No. 66,060, dated June 25, 1867.

To all whom it may concern:

Be it known that I, CHAS. M. WHELDEN, of Pittsfield, in the county of Berkshire, and in the State of Massachusetts, have invented a new and useful Improved Soda-Water Stand; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which drawings—

Figure 1 represents a rear elevation of this invention, partly in section. Fig. 2 is a horizontal section of the same, the line *x x*, Fig. 1, indicating the plane of section. Fig. 3 is a transverse section of the same, taken in the plane indicated by the line *y y*, Fig. 1. Fig. 4 is a modification of the corner joint.

Similar letters indicate corresponding parts.

This invention relates to a soda and mineral water stand which is provided with transparent sides, so that the sirup-bottles and the ice contained in the interior of the stand are visible to the public, and by thus exposing to view the inviting sirups and ice the taste for a drink of mineral-water is materially augmented. The transparent sides of the stand are secured in corner-pieces with double flanges, and each side is composed of two distinct plates of glass or other transparent material placed at a certain distance apart, so that by the stratum of air contained between the two plates of glass of each side the ice and sirups inclosed in the stand are protected against the influence of the external atmosphere. The edges of the plates which form the sides are hollowed out to receive tubular packing-pieces, whereby tight and yielding joints between said plates and the corner-pieces and the top are produced.

A represents a soda and mineral water stand, the top and sides of which are made of plates B, of glass or other transparent material, so that the sirup-bottles C and the ice inclosed in the stand A can be seen from the outside, and that by keeping the sirups and the ice in view the taste of the public for drinks is increased. Each of the sides of the stand is composed of two plates of glass or other transparent material, and these plates are retained by bottom flanges, *a*, and by side flanges, *b*.

Said side flanges are secured to corner-pieces *c*, which are either detached, as shown in Fig. 2, or which may be made in the form shown in Fig. 4, so that the inner and outer flanges are secured to one and the same corner-piece. The edges of the plates B are hollowed out to receive tubular packing-pieces *d*, so that by pushing the plates down into their flanges tight and yielding joints are formed, whereby the communication of the external air with the interior of the stand is effectually prevented, and at the same time provision is made for the unequal expansion of the metal parts of the stand and of the transparent sides. The two plates composing each of the sides of the stand are placed at such a distance apart that they inclose a stratum of air which effectually protects the sirups and the ice contained in the stand against the influences of the external atmosphere; and, furthermore, by having double plates the moisture contained in the air is prevented from being deposited on the panes, so that the same are not liable to be dimmed.

The sirup-bottles C are arranged in rows in the interior of the stand, and they are secured to pipes *e*, which extend out through the back of the stand, so that the operator is enabled to draw from each bottle, as may be desired. The connection between the bottles and their pipes will be effected in practice by a sort of bayonet or lantern fastening, so that said bottles can be readily removed and replaced whenever it may be desired. The soda or mineral water discharges through a pipe, *f*, which may be made to pass out through a metallic partition, *g*, inserted into the glass bottles on the back side of the stand; or said pipe may be made to pass out through either of the corner-pieces; or, if desired, different discharge-pipes may be applied, so that different kinds of mineral waters can be drawn at pleasure—such as Vichy, Kissingen, lithium-water, seltzer, or plain soda-water. Each of these pipes must be connected to a cooler situated on the bottom of the stand A, and said stand is filled with ice to keep the sirups as well as the mineral and soda waters cool.

It is obvious that an apparatus of this kind can be made highly ornamental, and by having the sides of the stand transparent an effect is produced which will result undoubtedly

to a great benefit of the proprietor of the stand; also, the labor and care taken in producing different colors of sirups are not lost, as they are to a certain extent in other apparatuses of this kind.

What I claim as new, and desire to secure by Letters Patent, is—

1. A soda and mineral water stand with one or more transparent sides, substantially as and for the purpose described.

2. The double-flanged corner-pieces *c*, in combination with the transparent plates *B*, form-

ing the sides of the stand *A*, substantially as and for the purpose set forth.

3. The tubular packing-pieces *d*, in combination with the transparent plates *B* and corner-pieces *c* of the stand *A*, constructed and operating substantially as and for the purpose described.

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Witnesses:

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