

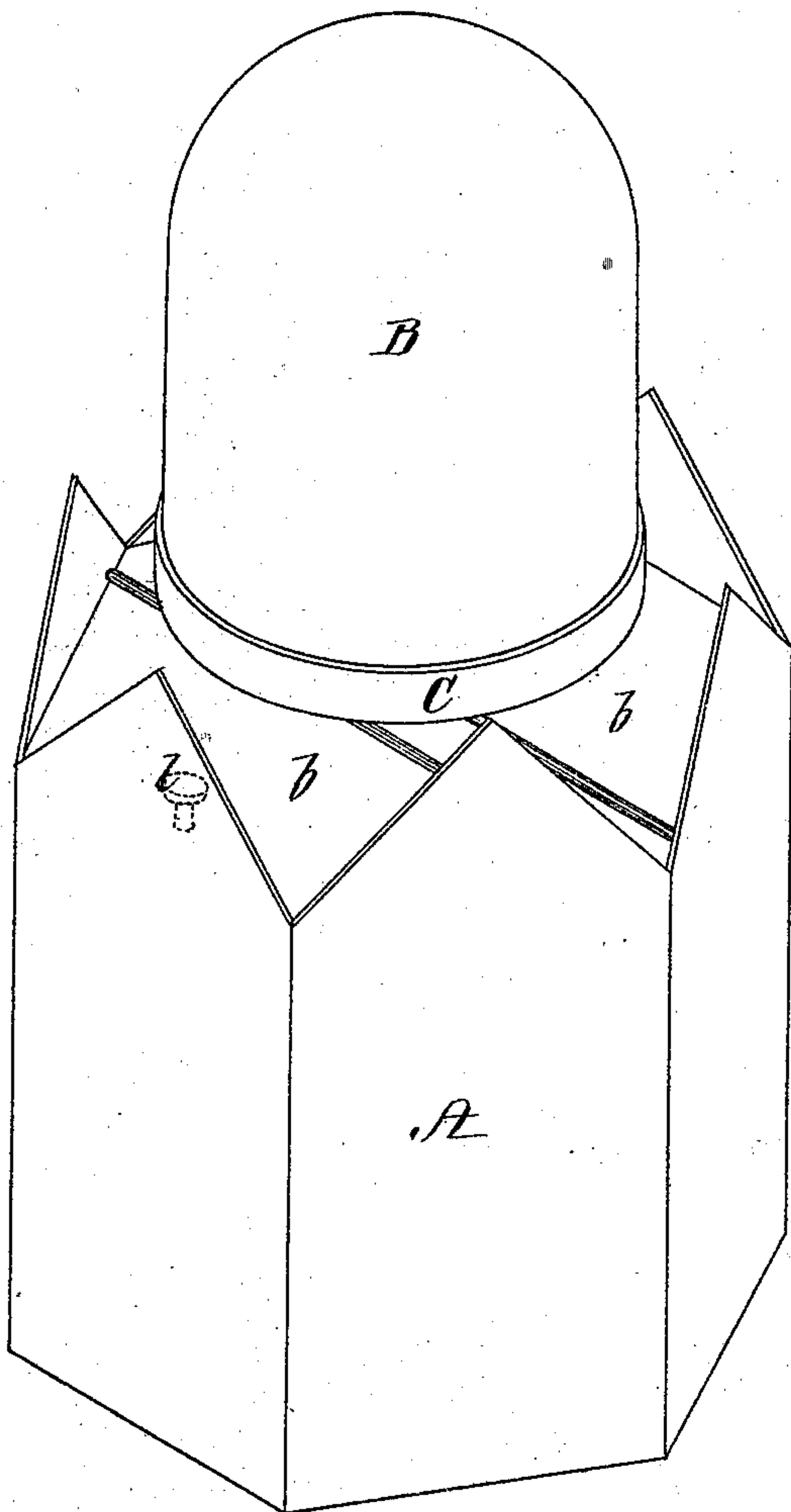
M. S. ANDREWS.

Attachment to Soda-Water Apparatus.

No. 126,917.

Patented May 21, 1872.

Fig. 1.



Witnesses,
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W. J. Cambridge

Inventor,
Matthew S. Andrews

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Fig. 2.

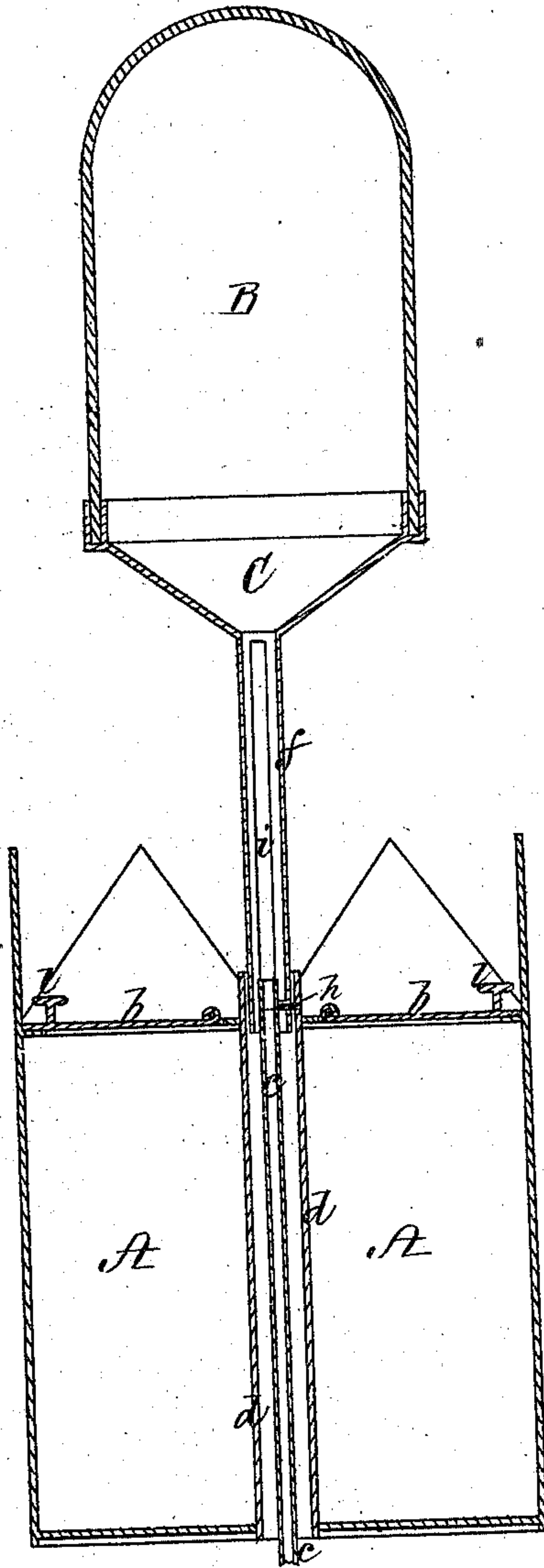
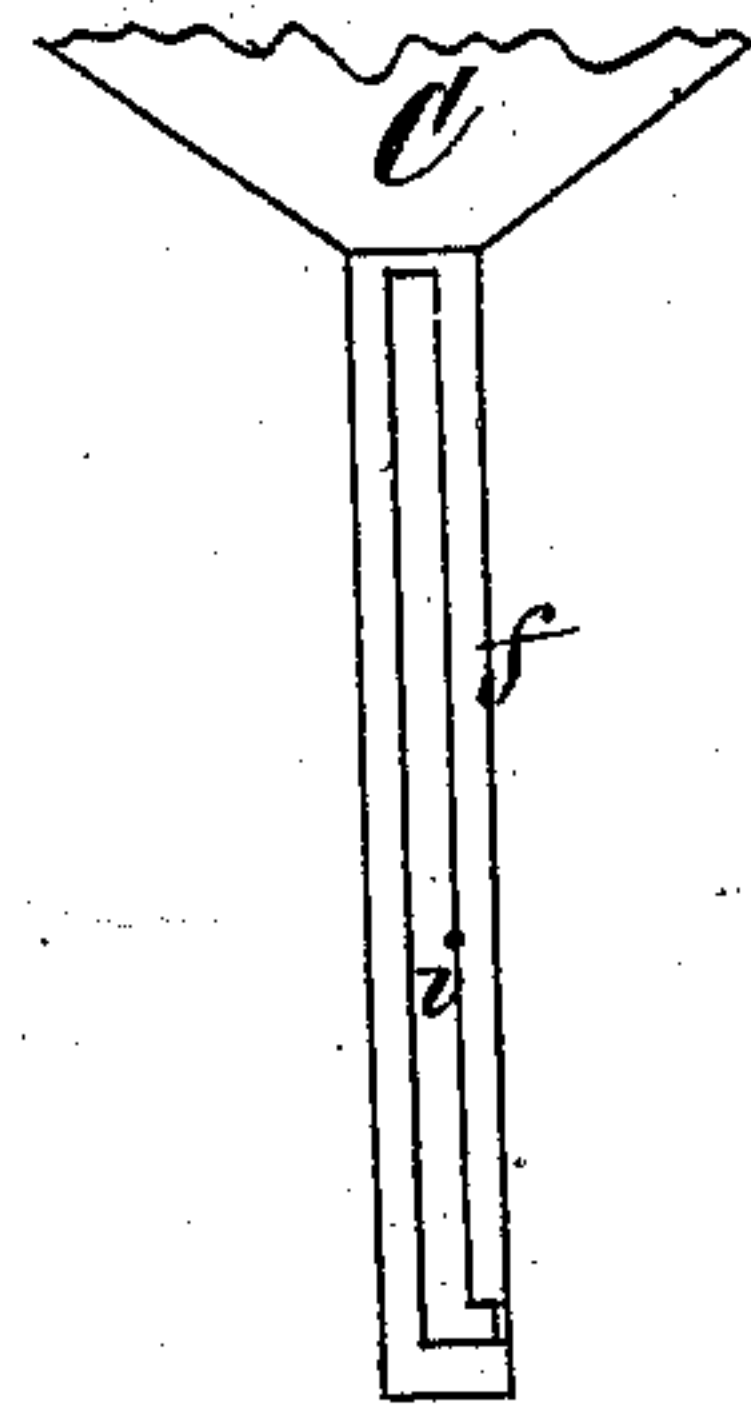


Fig. 3.



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MATTHEW S. ANDREWS, OF SOMERVILLE, ASSIGNOR TO JAMES W. TUFTS,
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IMPROVEMENT IN ATTACHMENTS TO SODA-WATER APPARATUS.

Specification forming part of Letters Patent No. 126,917, dated May 21, 1872.

To all whom it may concern:

Be it known that I, MATTHEW S. ANDREWS, of Somerville, in the county of Middlesex and State of Massachusetts, have invented an Improved Attachment for Soda-Water Apparatus, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a perspective view of a soda-water apparatus having my improved attachment applied thereto. Fig. 2 is a vertical section through the center of the same with the parts in a different position; Fig. 3, detail, to be referred to.

Where a fountain inclosed in a glass case is applied to the top of a soda-water apparatus, it becomes necessary to remove the glass case and the metal bowl or receptacle upon which it rests, and which receives the water and conducts it to the waste-pipe, each time the cover is to be raised to allow of a new supply of ice being placed within the apparatus. This removal of the glass case and bowl is objectionable on account of the inconvenience occasioned thereby, and the liability of breakage by frequent handling.

My invention has for its object to overcome these difficulties; and consists in providing the bowl, which receives the waste water and on which the bottom of the glass case rests, with a pipe which slides telescopically within the waste-pipe, thus forming an extension pipe, which admits of the bowl with the glass case thereon being elevated and secured, by a suitable device, at a sufficient height to allow of the cover being raised for the admission of ice to the interior of the apparatus; after which the cover is shut down, and the pipe with the bowl and glass case lowered into its proper position, whereby the removal and handling of the glass case, and the consequent inconvenience and liability of breakage, is entirely avoided.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawing, A represents the casing of a soda-water apparatus, the top of which is provided with two hinged covers, *b b*, which

are raised when a supply of ice is to be placed within the apparatus. *c* is a vertical pipe, through which passes the water, which forms a jet or fountain, which is inclosed within a glass case, B, the bottom of which rests within the rim of a metallic bowl, C, which receives the water from the fountain and conducts it to the waste-pipe *d*. To the center of the bottom of the bowl C is secured a pipe, *f*, which communicates therewith and slides telescopically within the waste-pipe *d*, thus forming an extension pipe, which admits of the bowl with the glass case thereon being raised and lowered, and avoids the necessity of removing them from the apparatus when its top is to be opened. *h* is a pin or screw, which passes through the pipe *d* and into a long slot, *i*, Figs. 2 and 3, in the pipe *f*, and serves to limit the motion of the latter and prevent its being drawn out of the pipe *d*.

When it is desired to supply the apparatus with ice, the water is shut off from the fountain-pipe *c* by means of a stop-cock. The bowl C, glass case B, and pipe *f* are then raised together, the pipe *f* sliding within the pipe *d* until it is arrested by the bottom of the slot *i* coming into contact with the pin *h*. The pipe *f* is then turned upon its axis, which brings the horizontal portion of the slot *i* over the pin *h*, by which means the pipe *f*, together with the bowl and glass case, are held in the position seen in Fig. 2. The covers *b b* are now raised by means of the knobs *l l*, and the requisite amount of ice is placed within the apparatus; after which the covers are shut down, and the pipe *f* turned so as to unlock it and leave it free to be lowered into its normal position, as seen in Fig. 1, when the water is again admitted to the fountain-pipe *c*.

Any suitable device may be employed for holding up the pipe *f* with the bowl and glass case, when raised into the position seen in Fig. 2. I prefer, however, that above described, as it is not liable to get out of order.

The above-described attachment for soda-water apparatus is exceedingly simple and convenient, and entirely avoids the frequent handling of the glass fountain-case, heretofore necessary, and the consequent liability of breakage incident to apparatus of this description as heretofore constructed.

Claims.

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

1. The within-described attachment for soda-water apparatus, consisting of the bowl C, with its pipe *f* arranged to slide within the waste-pipe *d*, substantially in the manner and for the purpose set forth.

2. I also claim, in combination with the above,

the pin *h* and slot *i*, for holding the pipe *f* when extended or elevated, substantially as described.

Witness my hand this 17th day of April, A. D. 1872.

MATTHEW S. ANDREWS.

In presence of—

P. E. TESCHEMACHER,
N. W. STEARNS.