S. DAWSON.

Filter and Irrigating Nozzle.

No. 205,733. Patented July 9, 1878.

Fig. 1.

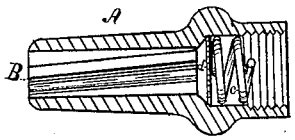



Fig. 2.

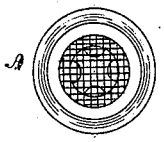



Fig. 3.

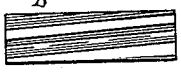
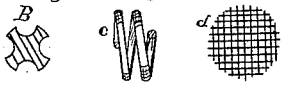



Fig. 4. Fig. 5. Fig. 6.




Witnesses;
George D. Phillips
John S. George

Inventor;
Samuel Dawson

# UNITED STATES PATENT OFFICE

SAMUEL DAWSON, OF HEMPSTEAD, NEW YORK.

## IMPROVEMENT IN FILTER AND IRRIGATING-NOZZLES.

Specification forming part of Letters Patent No. **205,733**, dated July 9, 1878; application filed September 26, 1877.

*To all whom it may concern:*

Be it known that I, SAMUEL DAWSON, of Hempstead, New York, have invented a Filter and Irrigator, of which the following is a specification:

This invention has for its object the filtering and enlivening of beer and other liquids; and consists chiefly of a filter and spiral passage for the liquids, which gives to apparently lifeless beer new vigor, as will hereinafter appear.

Figure 1 is a sectional view of the instrument. Fig. 2 is an end view of the same. Fig. 3 is a spiral piece fitted into Fig. 1. Fig. 4 is an end view of Fig. 3. Fig. 5 is a spiral spring for holding the filter *d*, Fig. 6, in its proper place.

A is a tube, one end enlarged, into which may be cut a female thread, the other end being reduced somewhat, and into which is fitted the spiral piece B.

In the large end of the tube A is placed the filter *d*, which is held in position by the spring *c*, the whole being then screwed or fastened in any suitable manner to a faucet.

The liquid, in being forced down the spiral passages, instead of passing out in one large stream, is broken up into smaller ones. The friction of the liquid down the spiral passages causes it to foam, giving it new life and vigor, the filter *d* arresting all sediment.

Instead of having the detached spiral piece B the tube A could be made of thin metal and twisted into the necessary spiral form.

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

The nozzle B, in combination with the tube A, filter *d*, and spring *c*, all substantially as described and set forth.

SAML. DAWSON.

Witnesses:

J. POLK HEWLETT,

JAMES EAGEN.