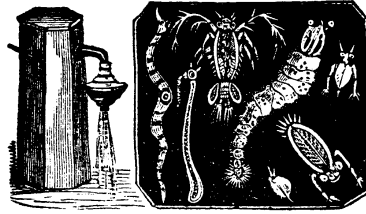


ALL RIVER WATER RENDERED NEARLY AS PURE AS DISTILLED WATER.



**JENNISON'S PATENT, 1845.**  
**DIAPHRAGM FILTERS,**  
**FOR PURIFYING WATER & OTHER LIQUIDS,**  
**WHILE UNDER PRESSURE.**

This portable apparatus, not larger than a pint measure, can be readily, and *without expense*, attached to any hydrant or pipe conveying water, and will yield a steady stream of pure water, equal to one hundred gallons per hour, under the pressure of the Croton, more than enough for the culinary wants of the largest families, even for washing clothes, to which it imparts a pearly whiteness not otherwise obtained. It separates with equal certainty and despatch all the animal, vegetable, and earthy matter found, despite of all possible precautions, in every distributing channel of the Croton, Schuylkill, Mississippi, and other river water. They are also constructed for *filtering fluids for manufacturing purposes, and water for steam engines, &c. &c.*

The necessity of filtering river water, and the efficiency of the Diaphragm Filter, bear the endorsement of many of the most eminent physicians and chemists of the cities of New York and Philadelphia, and the approbation of the AMERICAN INSTITUTE, by awarding Mr. Jennison a *gold medal* at the fair of 1845, and a *gold medal* for improvements, at the recent fair of 1846.

**Analysis of the Residuum of Croton Water, by Dr. James R. Chilton.**

"The dark green, muddy substance separated from the Croton water by Mr. Jennison's Filter, I find, by analysis, to consist of animal and vegetable matter, with the oxide of iron.

These filters are highly ornamental, and will last for years, and are not liable to get out of repair, nor subject to damage from frost, and will prevent the pipes from bursting. They have the merit of cleansing themselves, and are most admirably designed for filtering all water under any degree of pressure.

Persons desirous of examining the Filter, and understanding the principle of its operation, can call at No. 334 Broadway, New York, 79 Walnut street, corner of Third, Philadelphia, and

**No. 3 SOUTH STREET, BALTIMORE,**

Where they are for sale and exhibition. From the facilities in their manufacture, and the increasing demand, the proprietor is enabled to afford them at from \$3 to \$5 each.

**DIRECTIONS.**—By the simple act of changing the Filter, end for end, and permitting the water to escape for a few seconds, it will be cleansed, which may be required three or four times a week, depending, however, on the quantity of water used, and the sediment contained. This act effectually secures the perfect operation of the instrument. *At all times the first water that passes through the Filter should be permitted to escape for a few seconds, and the stream gradually diminished, by turning the faucet, until a steady and uniform flow of water is attained, when it will be found pure and clear as crystal.*

WM. H. JENNISON, for the Proprietor.

**Manufactory 66 Franklin street, New York.**