

UNITED STATES PATENT OFFICE

JOSEPH S. C. ROWLAND, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN BITTERS.

Specification forming part of Letters Patent No. **173,345**, dated February 8, 1876; application filed December 23, 1875.

To all whom it may concern:

Be it known that I, JOSEPH S. C. ROWLAND, M. D., of Philadelphia, in the county of Philadelphia and in the State of Pennsylvania, have invented certain new and useful Improvements in Medical Compounds; and do hereby declare that the following is a full, clear, and exact description thereof.

The nature of my invention consists in a medical compound for the cure of all inflammatory diseases of the kidneys, bladder, &c., as will be hereinafter more fully set forth.

My compound is composed of the following ingredients, in about the following proportions, viz: Chimaha, otherwise known as yerba buena, three ounces; bark of white-ash root, eight ounces; angle-worm root, six ounces; yellow-willow bark, two ounces; oil of neroli, three drops; chloroform, one dram; alcohol, three pints; glycerine, one-half pint; water, five pints.

The roots and barks are treated by percolation or maceration in the usual manner, and the various ingredients mixed together cold, forming a medicated bitters to be used principally for dyspepsia, rheumatism, and all inflammatory diseases of the kidneys and bladder.

Angle-worm root is the Indian name of a root found in this country, and is indigenous to the southwest, near the 35th parallel, and commonly found in the Cherokee country. It belongs botanically to the Veronica class, and is very closely allied to the *Veronica officinalis*.

I do not confine myself to the exact proportions of the ingredients mentioned, as I may perhaps vary the same under certain circumstances.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The composition, consisting of Chimaha, bark of ash-root, angle-worm root, willow bark, oil of neroli, chloroform, alcohol, and glycerine mixed, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of December, 1875.

JOS. S. C. ROWLAND.

Witnesses:

J. M. MASON,
H. A. HALL.