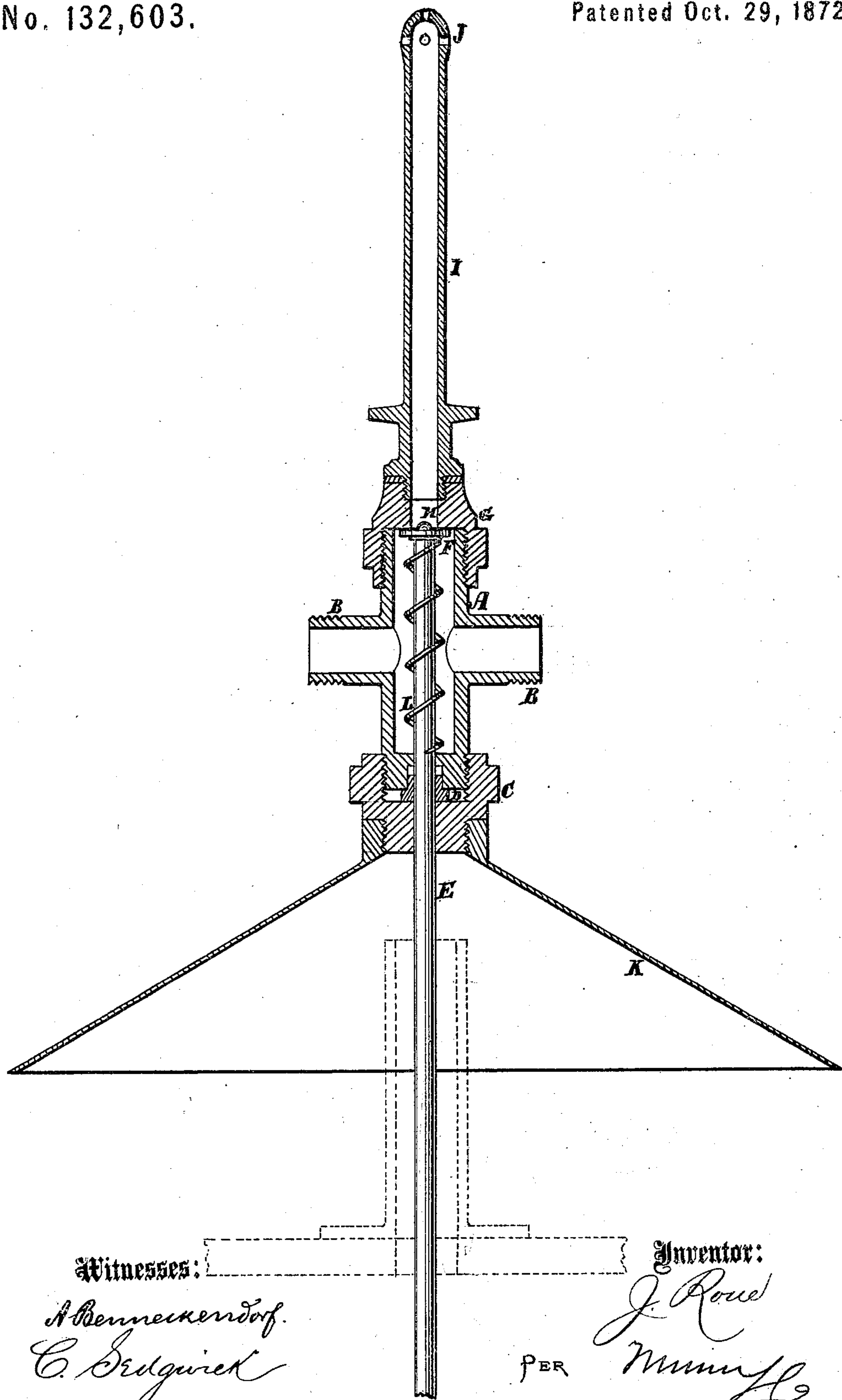


J. ROUE.
Bottle-Rinser.

No. 132,603.

Patented Oct. 29, 1872.



Witnesses:

A. Bennekenhoff.
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Inventor:

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PER

UNITED STATES PATENT OFFICE.

JAMES ROUE, OF ST. JOHN, CANADA.

IMPROVEMENT IN BOTTLE-RINSERS.

Specification forming part of Letters Patent No. **132,603**, dated October 29, 1872.

To all whom it may concern:

Be it known that I, JAMES ROUE, of St. John, in the Province of New Brunswick and Dominion of Canada, have invented a new and useful Improvement in Bottle-Rinser, of which the following is a specification:

The object of this invention is to provide convenient and efficient means for rinsing soda-water and other bottles, tumblers, and similar vessels; and it consists in the construction and arrangement of parts hereinafter described. The accompanying drawing represents a vertical section of my improved bottle-rinser.

Similar letters of reference indicate corresponding parts.

A is the valve-chamber or shell, consisting of a vertical tube with one or more branches, B, for attaching a supply-pipe from the water-fountain. C is a gland-nut, which secures packing D around the valve-rod E. F is the valve. G is a cap, which screws onto the top of the valve-chamber A, the interior of which forms the valve-seat H. I is the discharge-tube, which is screwed into the cap G, the upper end of which is perforated to form a "rose-head," and is marked J. K is a cone at the base, which is screwed onto the gland-nut C, upon which the water used in rinsing falls. The rinser is supported in any suitable manner in a sink, the waste-pipe of which is seen

in dotted lines. The lower end of the valve-rod E is connected with a paddle, by means of which the valve F is lowered. The valve is held in position (or closed) by the spiral springs L. This spring surrounds the valve-rod, as seen, with one end bearing against the valve and the other on the bottom of the valve-chamber.

With the water-supply pipe connected with either of the branches B and with a sufficient head of water, it will be seen that when the valve is pressed down the water will rush into the tube I and be discharged from the rose-head J with a force proportioned to the height of the head of water. This will effectually rinse the insides of bottles when the tube is inserted therein, or tumblers and all similar vessels.

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

A bottle-rinser, composed of the shell or chamber A, with one or more branch tubes, B, valve F, valve-rod E, spring L, gland-nut C, cone K, tube I, and rose-head J, arranged to operate substantially as and for the purposes described.

JAMES ROUE.

Witnesses:

A. C. SMITH,
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