

No. 622,446.

Patented Apr. 4, 1899.

R. C. CLUTE.
TUMBLER WASHER.

(Application filed Sept. 30, 1898.)

(No Model.)

Fig. 2.

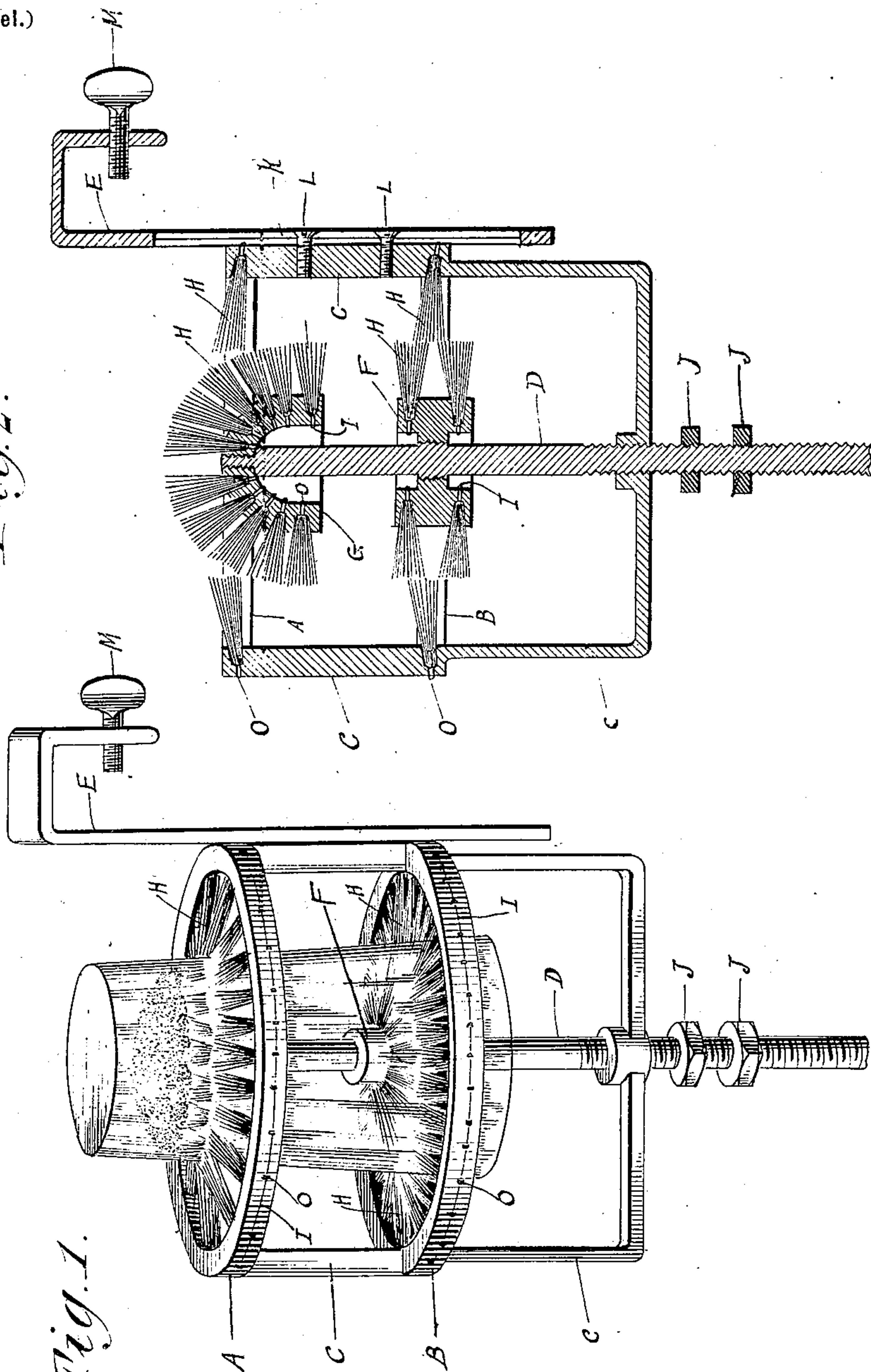


Fig. 1.

WITNESSES:
Charles Figaro.
William L. Roe.

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UNITED STATES PATENT OFFICE.

RICHARD C. CLUTE, OF NEW YORK, N. Y.

TUMBLER-WASHER.

SPECIFICATION forming part of Letters Patent No. 622,446, dated April 4, 1899.

Application filed September 30, 1896. Serial No. 607,425. (No model.)

To all whom it may concern:

Be it known that I, RICHARD C. CLUTE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented a new and useful Tumbler-Washing Machine, of which the following is a specification.

My invention relates to improvements in tumbler-washing machines in which brushes arranged in a framework clean glasses or tumblers; and the objects of my improvements are, first, to quickly clean glasses or tumblers with a minimum of danger of breaking them; second, to secure all the brushes by wires, and, third, to afford facilities for the proper adjustment of the washer in water. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a general view in perspective showing a tumbler inserted in the washer; Fig. 2, a vertical section of the entire machine.

Similar letters refer to similar parts throughout each view.

The rings A B, the supporting-rods C C D, the hanger E, and the nuts F G constitute the framework of the machine. In the parts A, B, F, and G are holes O to receive the bristles

H, which are held in place by wires I. Rod D extends below the supports C C, permitting the entire frame to be raised or lowered from a support and securely fastened by nuts J J. The hanger E contains the slot K, through which pass the set-screws L L into support C, permitting the entire frame to be raised or lowered and securely fastened to a support by means of a screw M.

I am aware that prior to my invention tumbler-washing machines have been made with brushes set in a frame. I therefore do not claim such a combination, broadly; but

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

In a tumbler-washer, a frame C carrying superposed rings A, B, bristles carried by said rings, a rod D attached to said frame, and concentric with the rings, nuts provided with bristles attached to said rod, one nut being concentric with each ring and a hanger E adjustably attached to said frame, substantially as described.

RICHARD C. CLUTE.

Witnesses:

WILLIAM L. NOE,
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