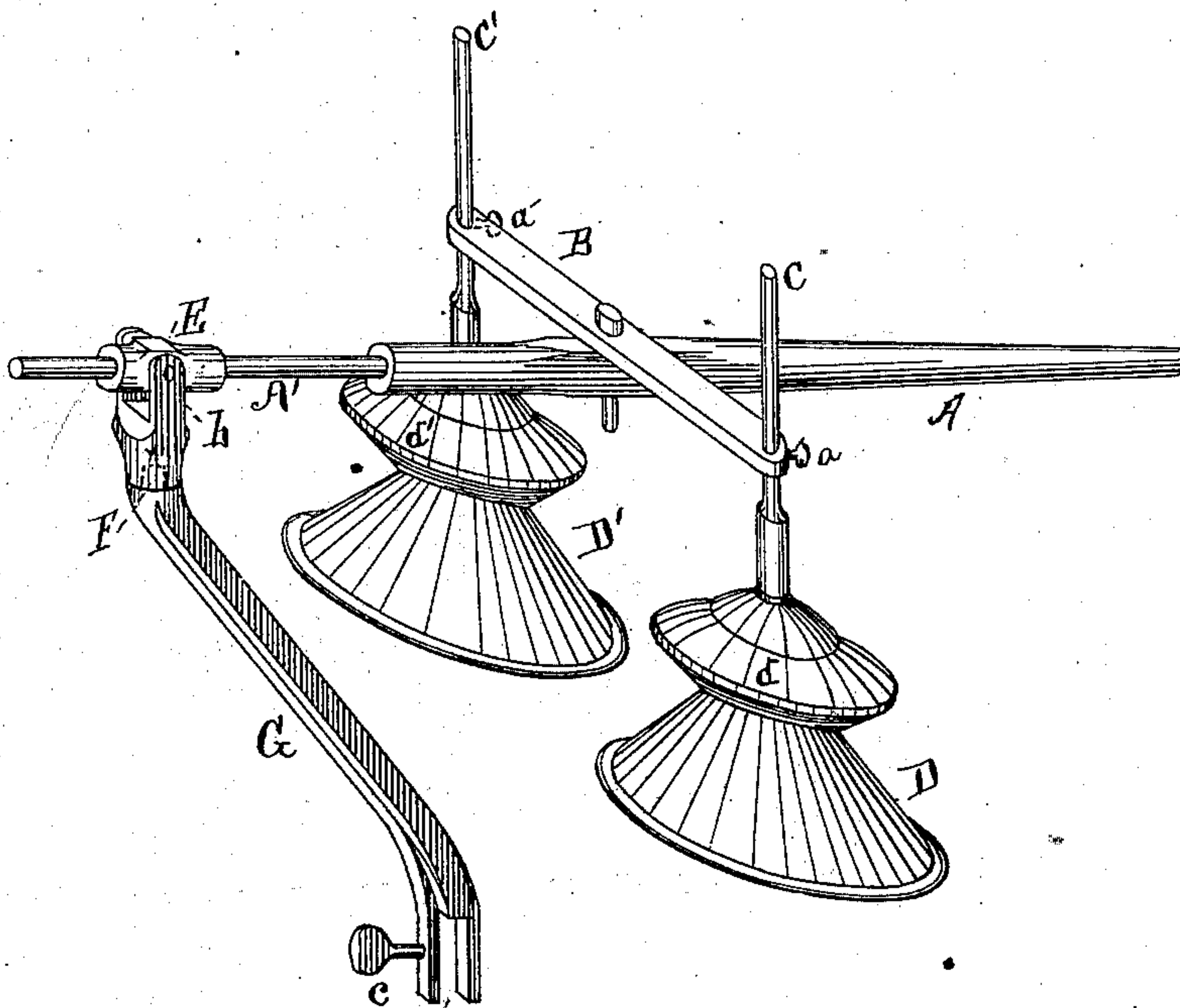


(No Model.)

J. P. K. RIBLET.
Washing Machine.

No. 237,325.

Patented Feb. 1, 1881.



Witnesses,

H. Hurd

S. M. Wolcott, Jr.

John P. K. Riblet, Inventor.

By

Tracy, Dyer & Miller,
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN P. K. RIBLET, OF SANDUSKY TOWNSHIP, RICHLAND COUNTY, OHIO.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 237,325, dated February 1, 1881.

Application filed June 12, 1880. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. K. RIBLET, of Sandusky township, in the county of Richland and State of Ohio, have invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention relates to certain improvements in washing-machines, having particular reference to the class of machines known as "portable pounders," being arranged particularly with reference to those which can be placed in tubs of any style or size and readily removed, when desired. The washing is done by means of raising and lowering, with a lever, two hollow metallic inverted cones having expanded tops to serve as air-chambers, the compression consequent upon a downward action of the cones serving to force the water through the texture of the cloth with considerable power, thus removing dirt, &c., from the clothes without rubbing or otherwise injuriously handling them.

The drawing is a perspective view of my invention, in which—

A is the lever, and B a cross-bar attached at right angles, by a bolt and nut, or any other equivalent and suitable means, to the lever. At either extremity of the cross-piece are rods C C', passing up through holes in the same and held at any desired position by the thumb-screws *a a'*. To these rods are firmly fastened the cone-shaped pounders D D', having their

tops expanded, as at *d d'*. The lever A is provided with an iron rod, A', which passes through the block E, hinged within the bracket *b*, and turning laterally upon the pivot F, which is permanently fixed in the arm G. This arm is curved, so as to allow a proper adjustment across the tub, and by means of the thumb-screw *c* can be firmly fastened to the side of an ordinary wash-tub for use.

By elevating and depressing the lever A and moving it laterally in either direction the various joints, before described, will allow its use in all parts of the tub, thus thoroughly washing the contents.

The machine may be made of iron or other suitable material, being preferably constructed in part of iron and partly of wood, the iron being coated with a film of metal calculated to resist the action of water.

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

In a washing-machine, the combination, with the operating-lever A and cross-piece B, centrally supported thereon at right angles, of the pounders D D', provided with rods C C', and by means of the set-screws *a a'* vertically adjustable through holes in the extremities of said cross-piece, substantially as described and shown.

This specification signed and witnessed this 9th day of April, 1880.

JOHN P. K. RIBLET.

Witnesses:

GEO. C. TRACY,
S. M. WOLCOTT, Jr.