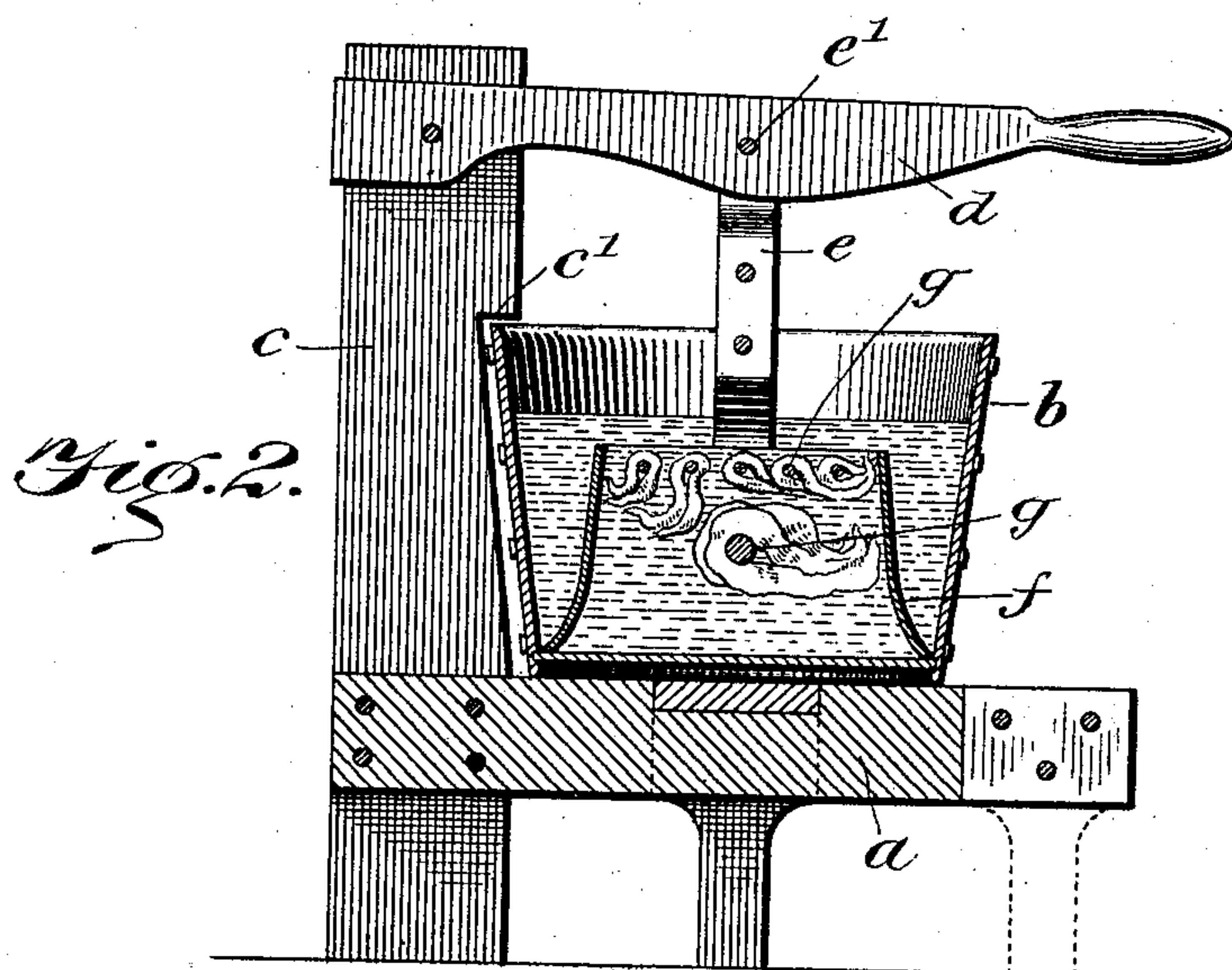
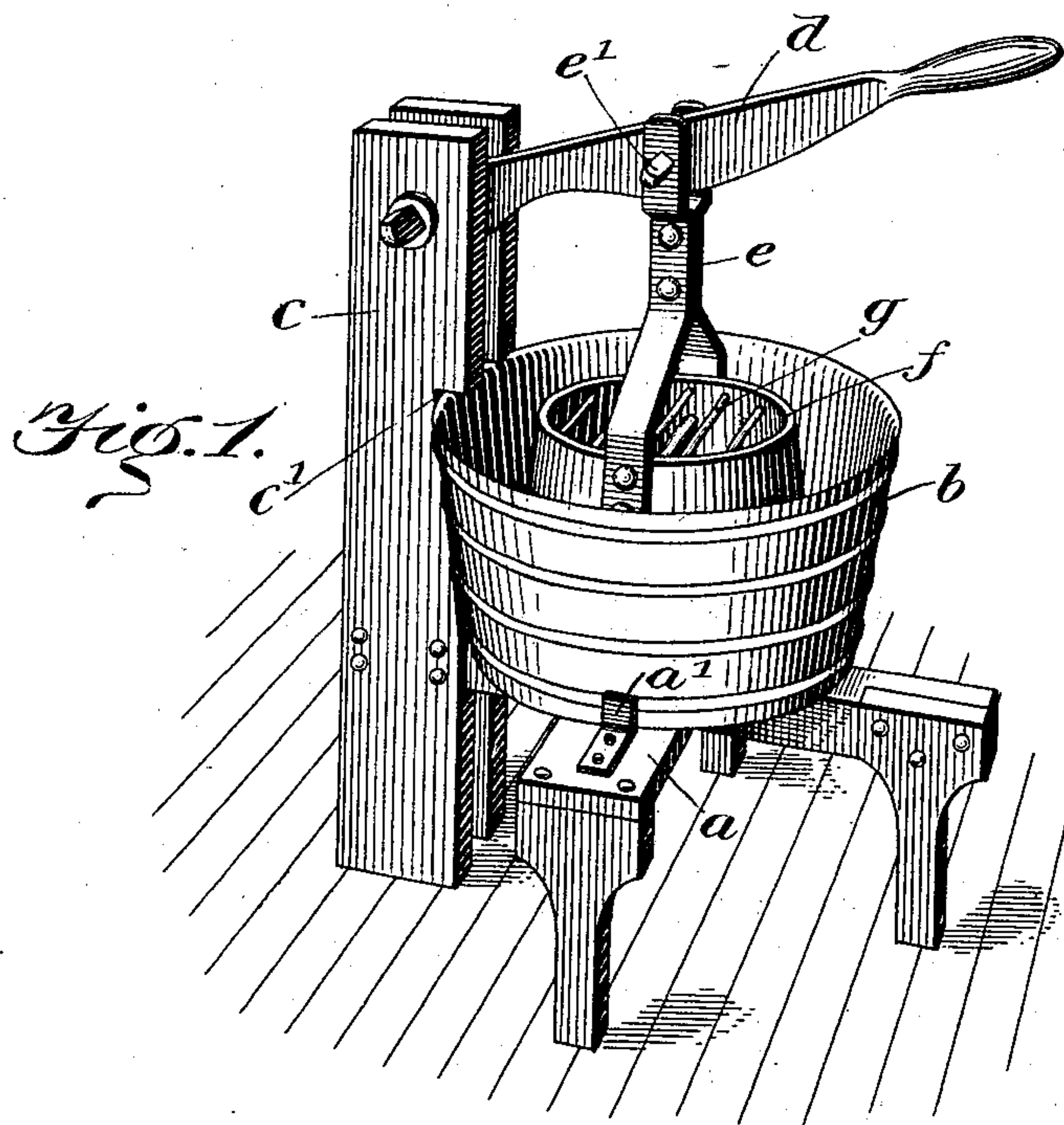


No. 750,126.

PATENTED JAN. 19, 1904.

W. T. RUSK.
WASHING MACHINE.
APPLICATION FILED AUG. 21, 1903.

NO MODEL.



WITNESSES:

H. C. Abbott

Isaac B. Owens

INVENTOR

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BY

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ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM THOMAS RUSK, OF STERLING, NEBRASKA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 750,126, dated January 19, 1904.

Application filed August 21, 1903. Serial No. 170,297. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM THOMAS RUSK, a citizen of the United States, and a resident of Sterling, in the county of Johnson and State of Nebraska, have invented a new and Improved Washing-Machine, of which the following is a full, clear, and exact description.

This invention relates to that class of washing-machines in which an agitator is mounted to operate in a tub and the water caused by this agitator to circulate through the clothes to clean them. The present invention resides particularly in the construction of the agitator and in the relative arrangement of the same with the tub, the operating means, and the framing or support of the apparatus.

This specification is an exact description of one example of the invention, while the claim defines the actual scope thereof.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of the invention, and Fig. 2 is a vertical section thereof.

The framing comprises a suitable platform *a*, having an upwardly-projecting stud or studs *a'*, serving to hold the tub *b* in place and prevent the lateral shifting thereof. Rising from the platform *a* is an upright *c*, having a shoulder *c'*, which is arranged to bear over the upper edge of the tub and prevent the same from being jarred upward from the platform.

d indicates a hand-lever fulcrumed to the upright *c*, and *e* indicates a fork pivoted to the hand-lever, as indicated at *e'*. Said fork straddles the agitator and is rigidly connected therewith. The agitator comprises an essentially frusto-conical shell *f*, open at each end and having its larger end downward. Passing transversely across this shell are a number of rods *g*, which serve to have clothes attached thereto.

In the operation of the washing-machine the clothes are hung on the rods *g*, as indicated in Fig. 2, and a rapid swinging movement is imparted to the lever *d*. This causes the beater or agitator to rise and fall in the water in the tub, and the water is forced to circulate upward through the beater and thence outward and downward outside thereof. This causes all parts of the clothes to be subjected to the action of the currents of water thus established, and the cleaning operation is thereby effected without, however, necessitating beating or rubbing the clothes. By this arrangement fabrics of any sort may be cleaned effectually without injury thereto. If light pieces of fabric are to be washed, this may be readily accomplished without placing them on the rods, as the action of the water will force the articles to the top of the machine.

Various changes in the form, proportions, and minor details of my invention may be resorted to at will without departing from the spirit and scope thereof. Hence I consider myself entitled to all such variations as may lie within the intent of my claim.

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

A washing-machine, comprising a tub, an agitator therein, the agitator comprising a shell having continuous side walls and open at each end, and also having a rod extending horizontally across the shell from side to side, and means for mounting and operating the agitator.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM THOMAS RUSK.

Witnesses:

E. H. JOHNSON,
A. W. CASE.