

J. A. KING.

Improvement in Washing-Machines.

No. 132,470.

Patented Oct. 22, 1872.

Fig. 1.

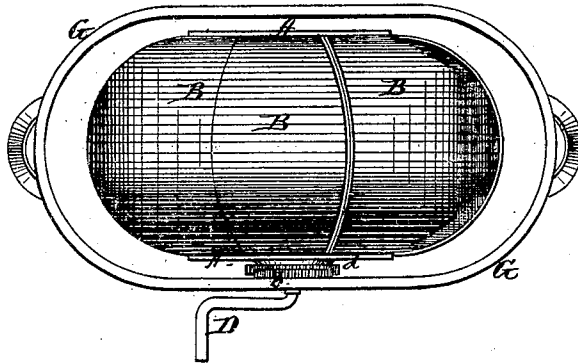
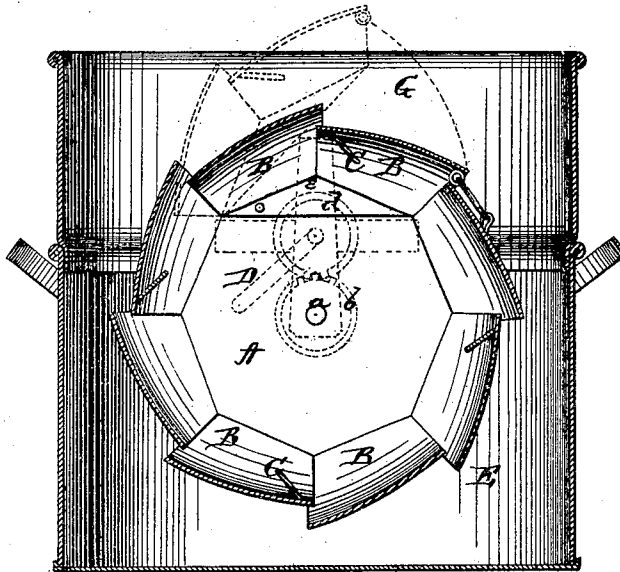


Fig. 2.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

JOHN A. KING, OF HAMBURG, IOWA.

## IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 132,470, dated October 22, 1872.

*To all whom it may concern:*

Be it known that I, J. A. KING, of Hamburg, in the county of Fremont and State of Iowa, have invented certain new and useful Improvements in Wash-Boilers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "wash-boiler," as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view, and Fig. 2 a longitudinal vertical section of my wash-boiler.

The washing device consists of a revolving cylinder, constructed in the following manner: Two octagon or polygonal-shaped heads, A A, are connected by a series of curved buckets, B B, which overlap each other, as shown. A part of the cylinder thus formed is cut off and hinged to the main part to form a door to the

cylinder. At the lower end of each, or every alternate bucket, is an interior flange or ledge, C, forming, with the bucket, a cup or receptacle to carry the water and suds up and let it fall down onto the clothes, and also for turning over the clothes in the cylinder. The journals *a* of the cylinder are placed in downward-projecting straps or bars *e* on a rim, G, of suitable size to fit on top of a wash-boiler, E, and the crank D and gear-wheel *b* are on said rim.

The cylinder with its rim forms a distinct and separate attachment from the boiler, and may be used or not, as desired.

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

The combination of the washing-cylinder A B C and rim G, with gearing for rotating said cylinder, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of August, 1872.

JOHN A. KING.

Witnesses:

G. W. FARMER,  
C. H. WYNN.