

H. MYERS.  
Washing-Machines.

No. 136,855.

Patented March 18, 1873.

Fig. I.

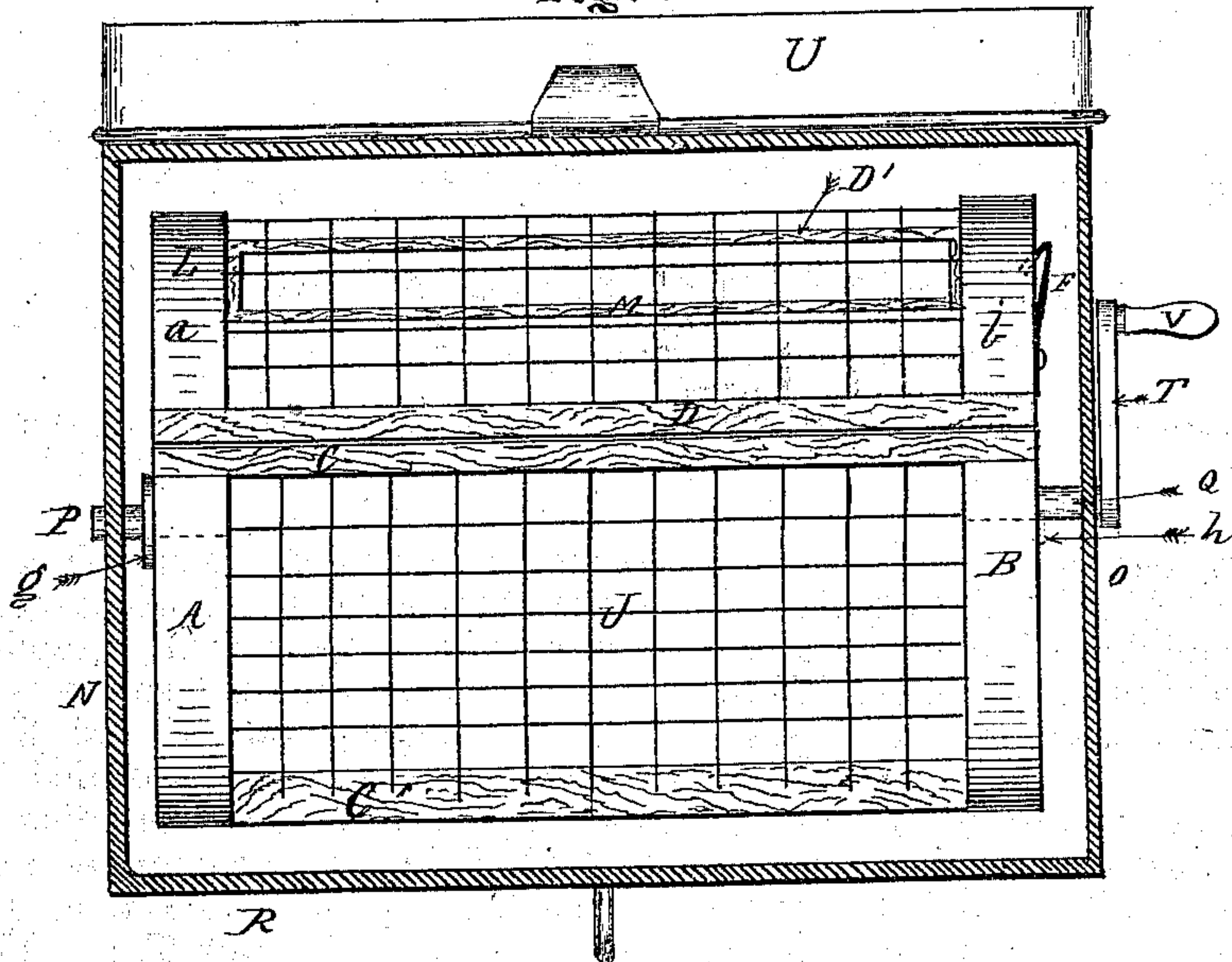
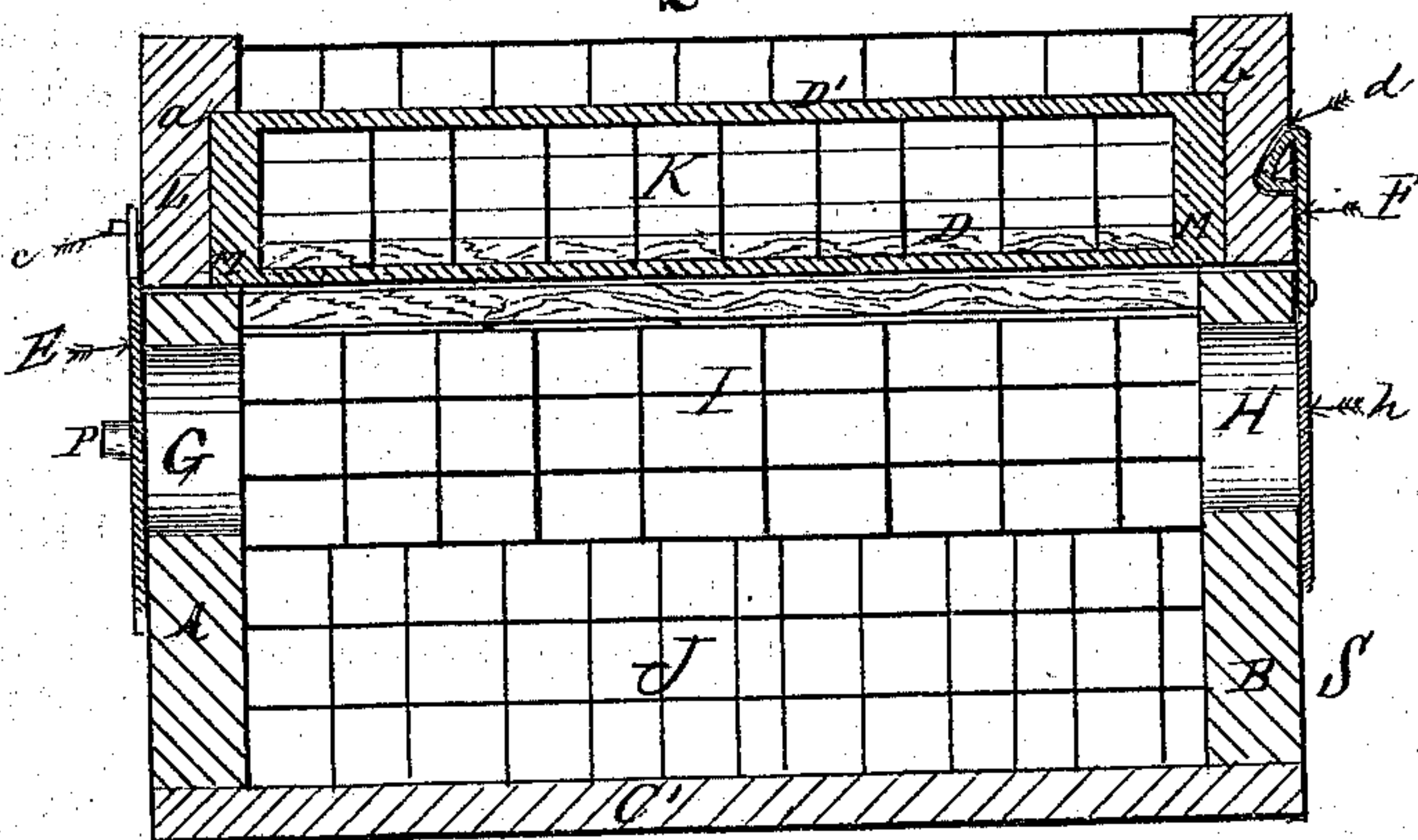


Fig. II.



Witnesses:

Richard Gerner.  
Franklin Darroth.

Inventor:

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Atty.

# UNITED STATES PATENT OFFICE.

HIRAM MYERS, OF HIGHLAND, KANSAS.

## IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 136,855, dated March 18, 1873.

*To all whom it may concern:*

Be it known that I, HIRAM MYERS, of Highland, county of Doniphan, State of Kansas, have invented certain Improvements in Washing-Machines, of which the following is a specification:

The object of my invention is to construct and provide for wash-boilers, wherein the clothes are thoroughly rubbed and cleansed in one operation without first rubbing them and afterward boiling them, which is the commonly-used method.

In order to describe my invention more fully I refer to the accompanying drawing forming a part of this specification.

Figure I is a plan view, with the lid raised, of a wash-boiler embodying my invention. Fig. II is a detached cut-sectional view of the interior cylinder.

A and B are two circular wooden or metallic disks, held apart a certain distance by aid of wooden or metallic slats C C'. The disks A and B are cut through a certain distance from the center, thus forming two separate pieces, *a* and *b*, which are held apart at the same distance as A and B by aid of slats D D', and forming a lid, L, which is held to the disks A and B by aid of the metallic support E, pin *c*, spring-catch F, and recess *d*. In the center of the disks A and B are cut two large holes, G and H, into the edges of which is inserted the netting, of wire or cord, forming a cylinder, I. One side of this cylinder is connected with cord or wire to the slat C', which thus forms a division-wall, J. In the interior of the lid L, opposite the division-wall J, is formed another division-wall, K, of cord or wire, being

suspended between the slat D' and a slat, M, placed between the end pieces of the lid *a* and *b*. Cord or wire being stretched between the slats C C' D D' inclose the cylinder I and the two division-walls J and K. The thus-formed cylinder S is suspended between the walls N and O of the wash-boiler R by aid of the axle P, held to the cylinder S by aid of the pieces E and *g* and piece *h*, to which is fastened the axle Q, crank T, and handle V. A lid, U, closes the boiler, when the washing is performed.

In order to operate my improved wash-boiler water and soap-suds are introduced into the boiler R, and the clothes through the lid L into the cylinder S. Boiling water may be used, or the boiler may be placed upon the fire with cold water, and made to boil under the operation of washing the clothes. By turning the cylinder S the clothes will be rubbed against the sides of the wire or cord without entangling themselves in one another, and prevented from doing so by aid of the division-walls and center cylinder. At the same time the boiling water and soap-suds have free access to any part of the clothes.

Having thus fully described my invention, I desire to claim—

The cylinder S with the interior cylinder I and the division-walls J and K, in combination with the wash-boiler R, substantially as and for the purpose hereinbefore set forth.

HIRAM MYERS.

Witnesses:

F. J. CLOSE,  
J. W. STEELE.