

W. W. HOEHNEN.
WASHING MACHINE.
APPLICATION FILED DEC. 21, 1908.

Patented Sept. 21, 1909.

934,528.

Washing Machine

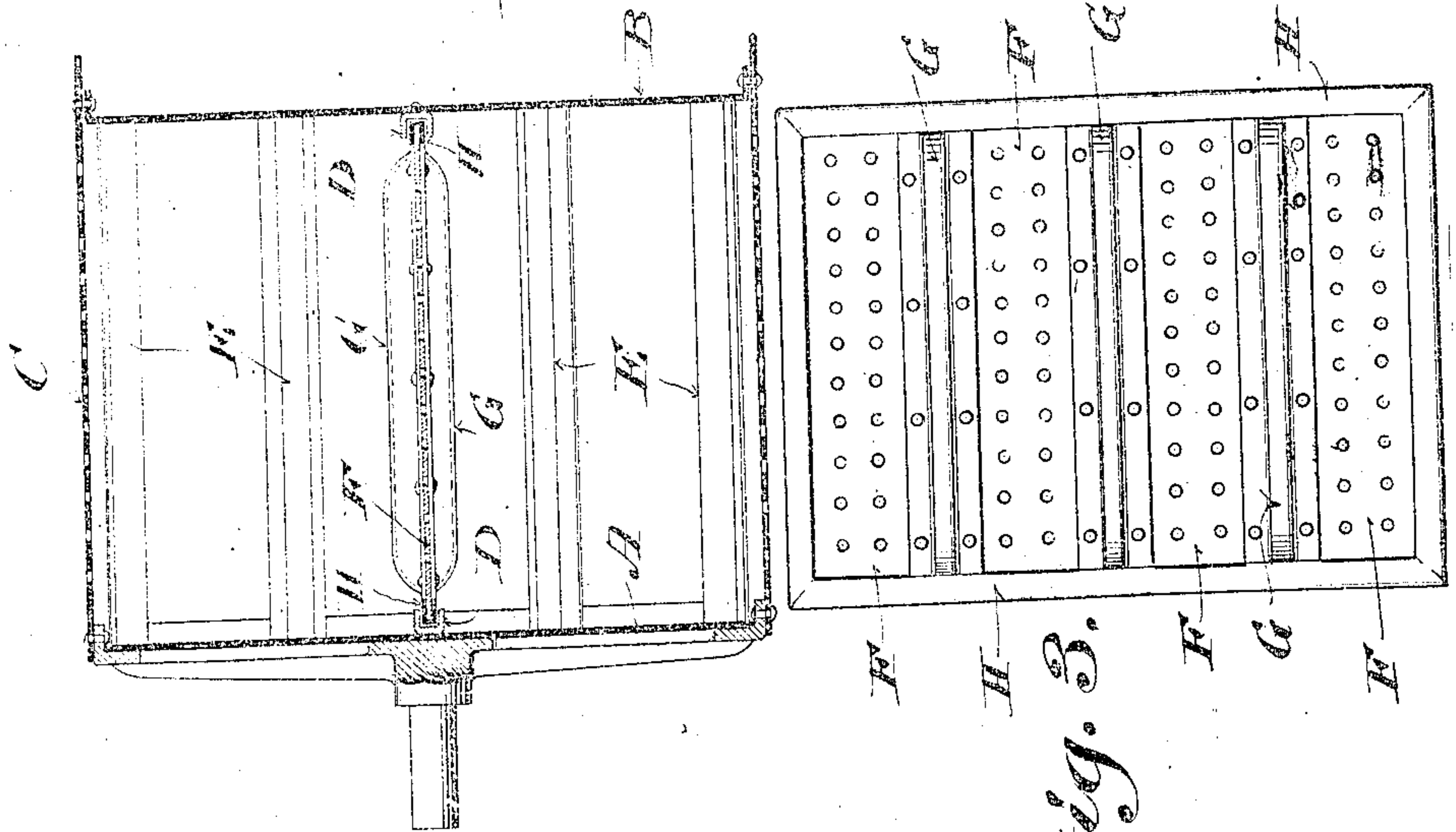


Fig. 3.

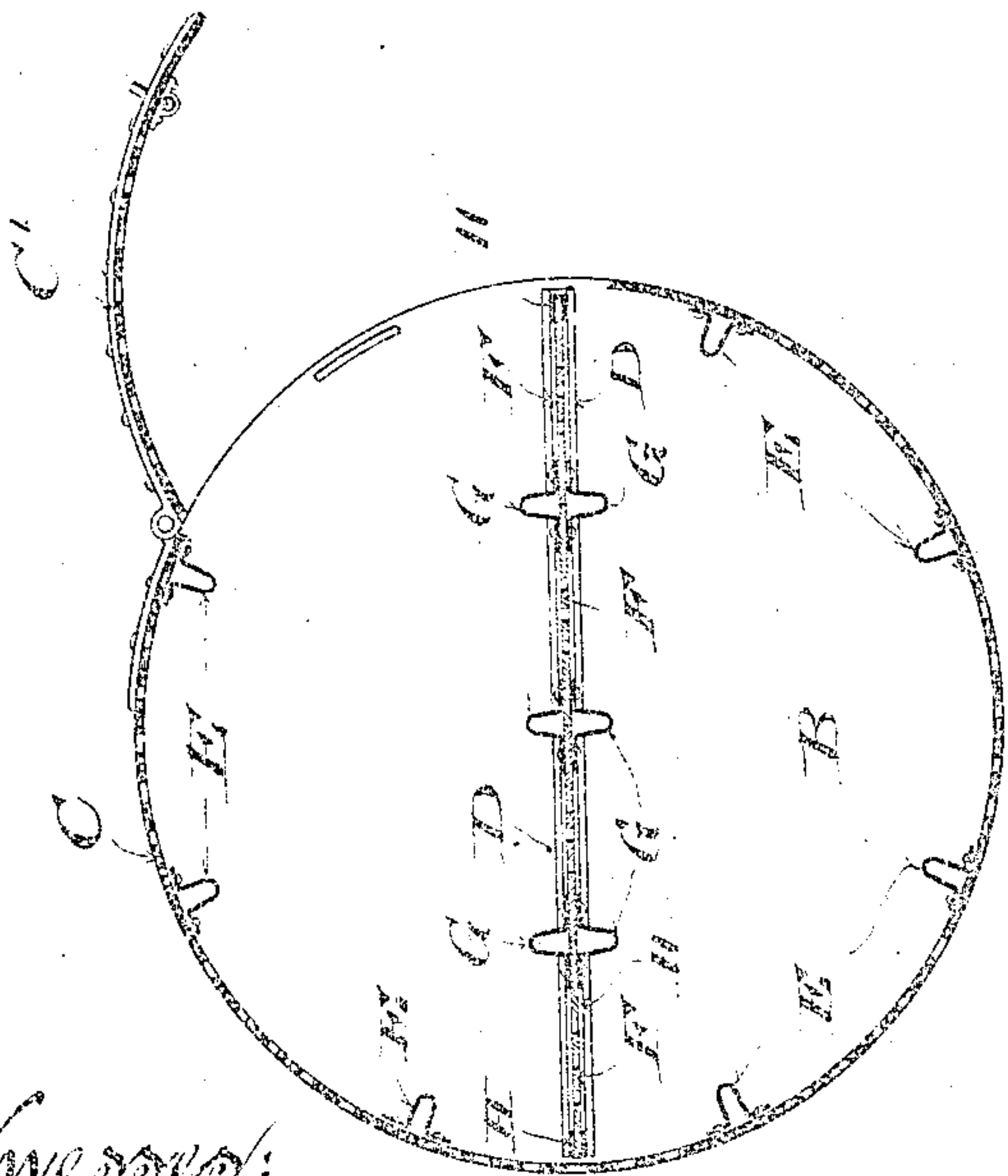


Fig. 1.

Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM W. HOEHNNEN, OF MILWAUKEE, WISCONSIN.

WASHING-MACHINE.

834,528.

Specification of Letters Patent. Patented Sept. 21, 1909.

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To all whom it may concern:

Be it known that I, WILLIAM W. HOEHNNEN, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof.

10 My invention consists in what is herein particularly set forth with reference to the accompanying drawings and pointed out in claims of this specification, its object being to provide for partitioning washing-machine cylinders or compartments of the same at 15 will longitudinally thereof for the separation therein of heavy and light materials to be washed, whereby I am enabled to do away with nets such as are commonly employed by 20 laundrymen to inclose and protect light materials subjected to a washing process in the cylinder of an ordinary power washing-machine.

Figure 1 of the drawings represents a 25 transverse section of a power washing-machine cylinder partitioned in accordance with my invention; Fig. 2, a vertical longitudinal central section view of a fragment of the same, and Fig. 3, a plan view of the partition shown in the other views.

Referring by letter to the drawings, A indicates a head, B a transverse partition and C the perforated shell of an ordinary two compartment metallic washing-machine cylinder, a portion C' in hinge-connection with the remainder of said shell constituting a door of a compartment of the same. Riveted or otherwise secured to the head and partition aforesaid, inside the cylinder, are a pair of 40 parallel channels D accessible through the doorway of said cylinder. The channels are herein shown central of the cylinder-head and partition but they may be otherwise disposed or supplemented by similar parallel 45 guides at any desirable angle. The guides herein shown are for the engagement of a removable perforated partition ribbed upon both sides in the same direction as the ribs E of the cylinder, this partition being composed of a series of perforated metallic plates

F, hollow metallic ribs G having flanges that are riveted to the plates upon opposite sides of same to secure the joints, and a metallic binder H crimped on edges of said plates. The ribs and binder serve to stiffen the partition of which they are components and said ribs also serve as rubbers (the same as the ribs E) for material washed in the cylinder.

By dividing a washing-machine cylinder or sub-dividing a compartment of the same 60 by a removable perforated partition, provision is had for separating light material from heavy material in said cylinder or compartment. The heavy material is laid in below the guides D, when the cylinder is at rest in 65 normal position, as herein shown, the partition engaged with said guides, the light material laid in on said partition and said cylinder closed before starting the machine. Because of the removable partition none of 70 the material in the cylinder has as much fall as ordinary and it is impossible for the light material to become entangled with the heavy material. Hence it is not necessary to use laundry-nets to inclose and protect said light 75 material. It is also possible to wash with less water than is ordinarily employed in a power-washing machine, whereby a saving in soap is effected, and the partitioned cylinder or compartment of same is advantageous for washing small lots. The washing being completed the light material is removed from the cylinder and the partition withdrawn from the guides D to permit of access to the heavy material. 85

I claim:

A washing-machine cylinder provided inside the same with guides, and a removable guide-engaging partition comprising a series of perforated plates and a series of flanged 90 ribs in union with the plates upon opposite sides of the same securing the joints.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee in the county of Milwaukee and State of Wisconsin in the presence of two witnesses. 95

W. W. HOEHNNEN.

Witnesses:

GEORGE G. FELBER,
FRANK D. ROGERS.