

(No Model.)

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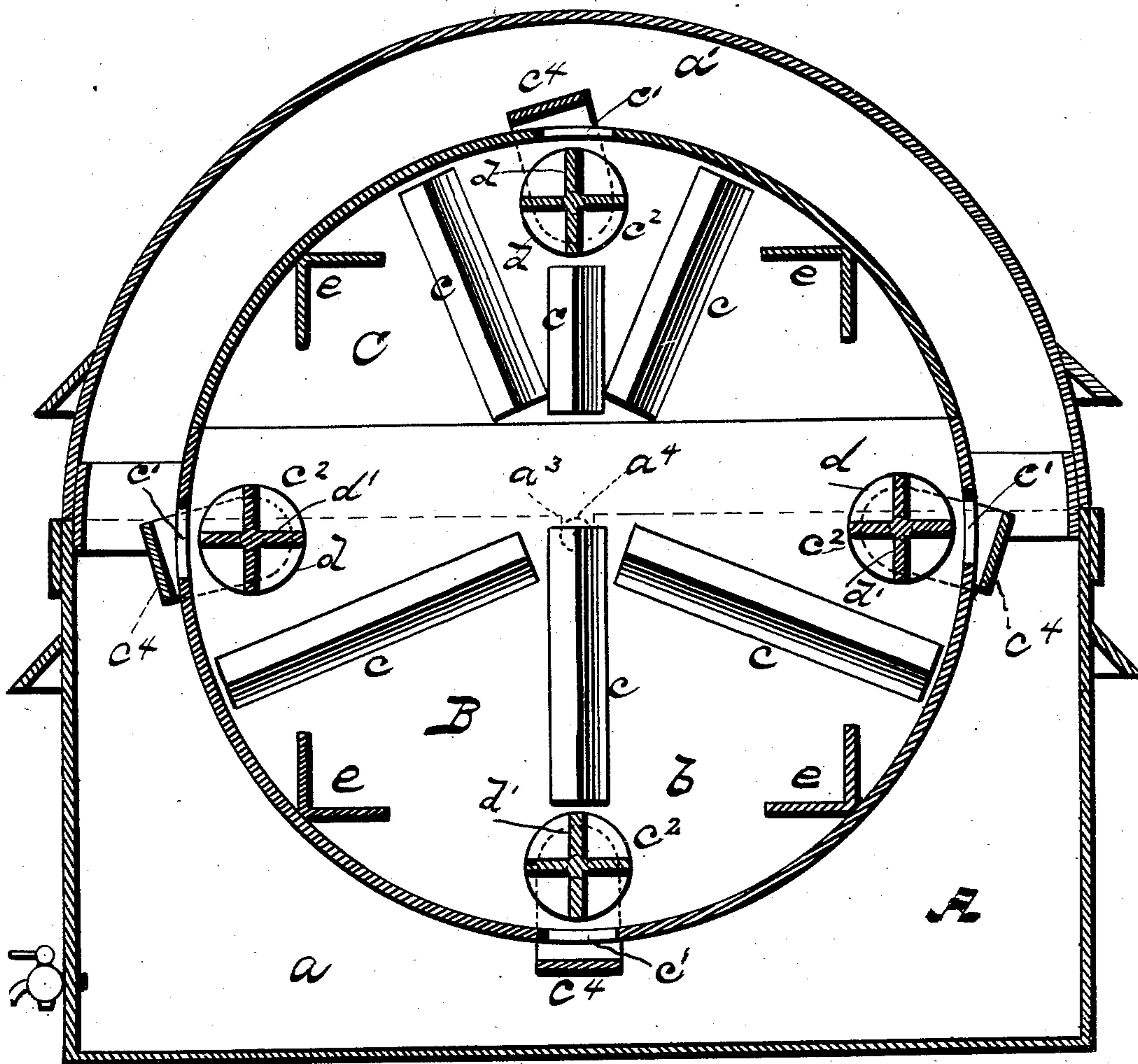
H. LOSSE.

CYLINDER WASHING MACHINE.

No. 279,960.

Patented June 26, 1883.

Fig. 1.



WITNESSES

Philippe Masi.

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INVENTOR

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Henry Fosse.

By Wm. H. Bates & Co.

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(No Model.)

2 Sheets—Sheet 2.

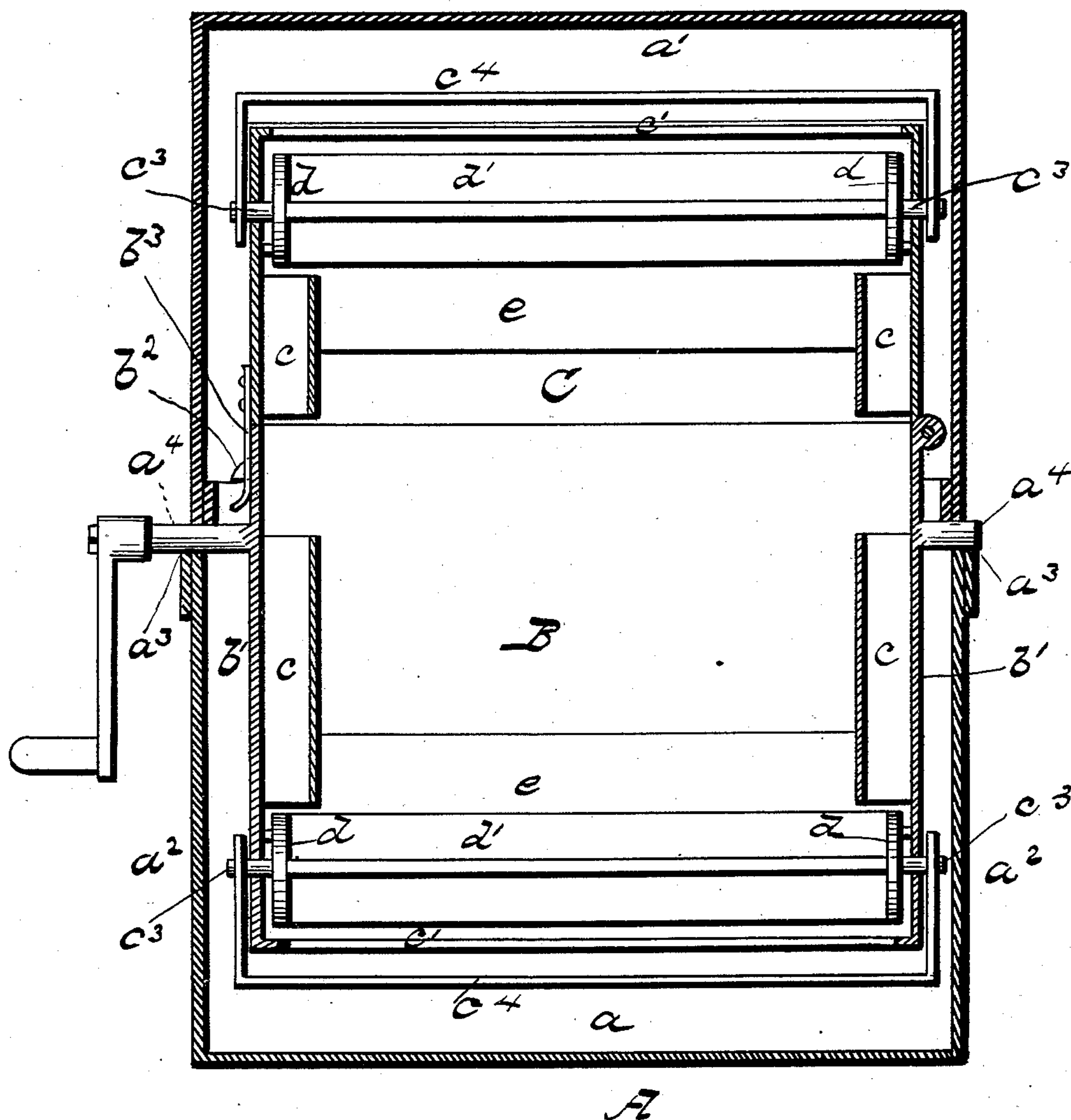
H. LOSSE.

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Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

HENRY LOSSE, OF PINCKENVILLE, ILLINOIS.

CYLINDER WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 279,960, dated June 26, 1883.

Application filed April 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY LOSSE, a citizen of the United States, residing at Pinckenville, in the county of Perry and State of Illinois, have invented certain new and useful Improvements in Cylinder Washing-Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention has relation to improvements in cylinder washing-machines; and it consists in the construction and novel arrangement of the same, all as will be hereinafter more fully explained.

15 The annexed drawings, to which reference is made, fully illustrate my invention, in which—

Figure 1 represents a vertical sectional view of my machine, and Fig. 2 is a transverse sectional view of the same.

20 Referring by letter to the accompanying drawings, A designates the boiler in which the water is placed, consisting of two halves, $a a'$, and provided on each of its side walls, a^2 , with bearings a^3 , in which revolve the journals a^4 of the cylinder B.

25 The cylinder in which the clothes are placed to be washed, as at B, consists of a lower portion, b , having the journals $a^4 a^4$, extending from its side walls, $b' b'$, and lugs $b^2 b^2$, attached on one side to engage the spring-catches $b^3 b^3$, secured to the upper portion or hinge-section, C, of the cylinder.

35 Within the cylinder B, and secured to the face of the side walls, are secured V-shaped strips or rubbers $c c$, that act upon the clothes when the cylinder is revolved.

40 In the periphery of the cylinder are formed transverse slots or openings c' , through which the water from the boiler flows to the interior of the cylinder, and directly opposite each opening and within said cylinder is placed a revolving rubber, c^2 , that has its end journals, c^3 , seated in bearings in the side walls of the cylinder.

45 On the periphery of the cylinder, and over each opening c' , is a pivoted valve, c^4 , that forces the water in said opening when the cylinder is revolved. Said revolving rubbers c^2 consist of end pieces, d , having journal-bearings c^3 , that revolve or turn in bearings made

in the side walls of the cylinder, and the two ends d are connected by blades d' , that serve as rubbers for the clothes.

Within the cylinder, and arranged transversely across the inner face of the same, are 55 secured V-shaped rubbing-strips e , that are placed between the revolving rubbers, as shown in Fig. 1 of the drawings.

In operating the machine the water is placed in the boiler, and after the clothes are soaped 60 and soaked they are placed within the cylinder and the upper portion or lid, C, locked by its spring-catches $b^3 b^3$, and the upper section or lid, a' , placed on the boiler, thus inclosing said cylinder, after which the crank 65 is grasped, and by it the cylinder is revolved, and by means of the rubber strips $c c$, and journaled rubbers c^2 , the clothes are washed. The boiler may be provided with a cock to draw off the water when the clothes have been 70 washed.

It will be noticed that by means of the pivoted valves c^4 , above described, a current of water passes through the cylinder from the boiler in and out of said openings, thus keep- 75 ing the cylinder supplied with water.

Suitable fastening devices may be employed to engage the journals of the cylinder to keep the same from accidental displacement.

It will be further seen that very little or no 80 labor is required in operating the machine, and when the clothes are taken out of the cylinder, after being washed, will be thoroughly scoured and perfectly clean, and a machine as herein described is simple in operation and 85 cheap to manufacture.

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

In a cylinder washing-machine, the combination, with the boiler A, of the cylinder C, 90 having openings c' , of the valves c^4 , revolving rubbers c^2 , and V-shaped rubber strips $c e$, as shown and described.

In testimony whereof I affix my signature in 95 presence of two witnesses.

HENRY LOSSE.

Witnesses:

OTTO EISFELDER,
RUBE RUSHING.