

(No Model.)

M. McKEEVER.
WASHING MACHINE.

No. 502,314.

Patented Aug. 1, 1893.

FIG. 2.

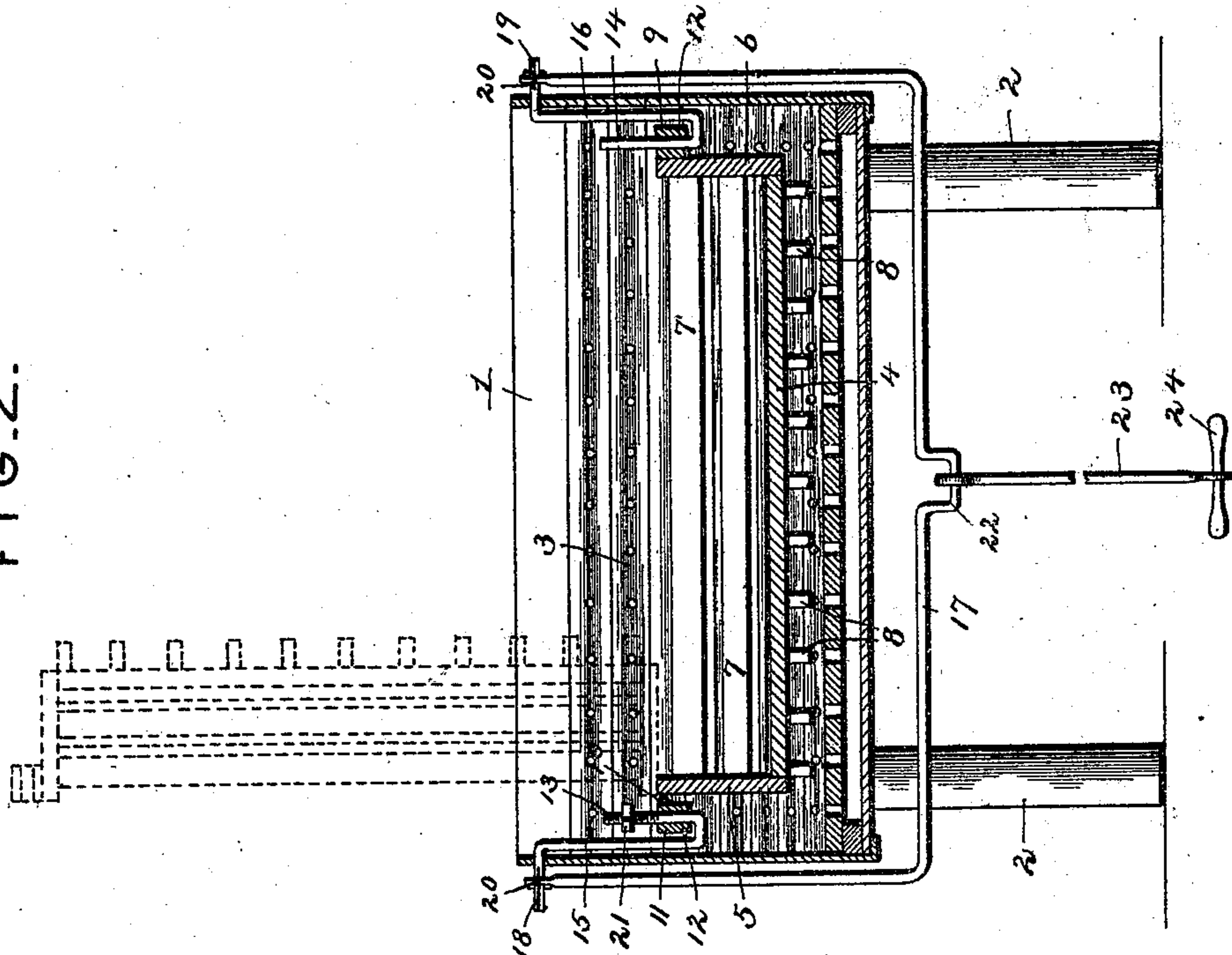


FIG. 1.

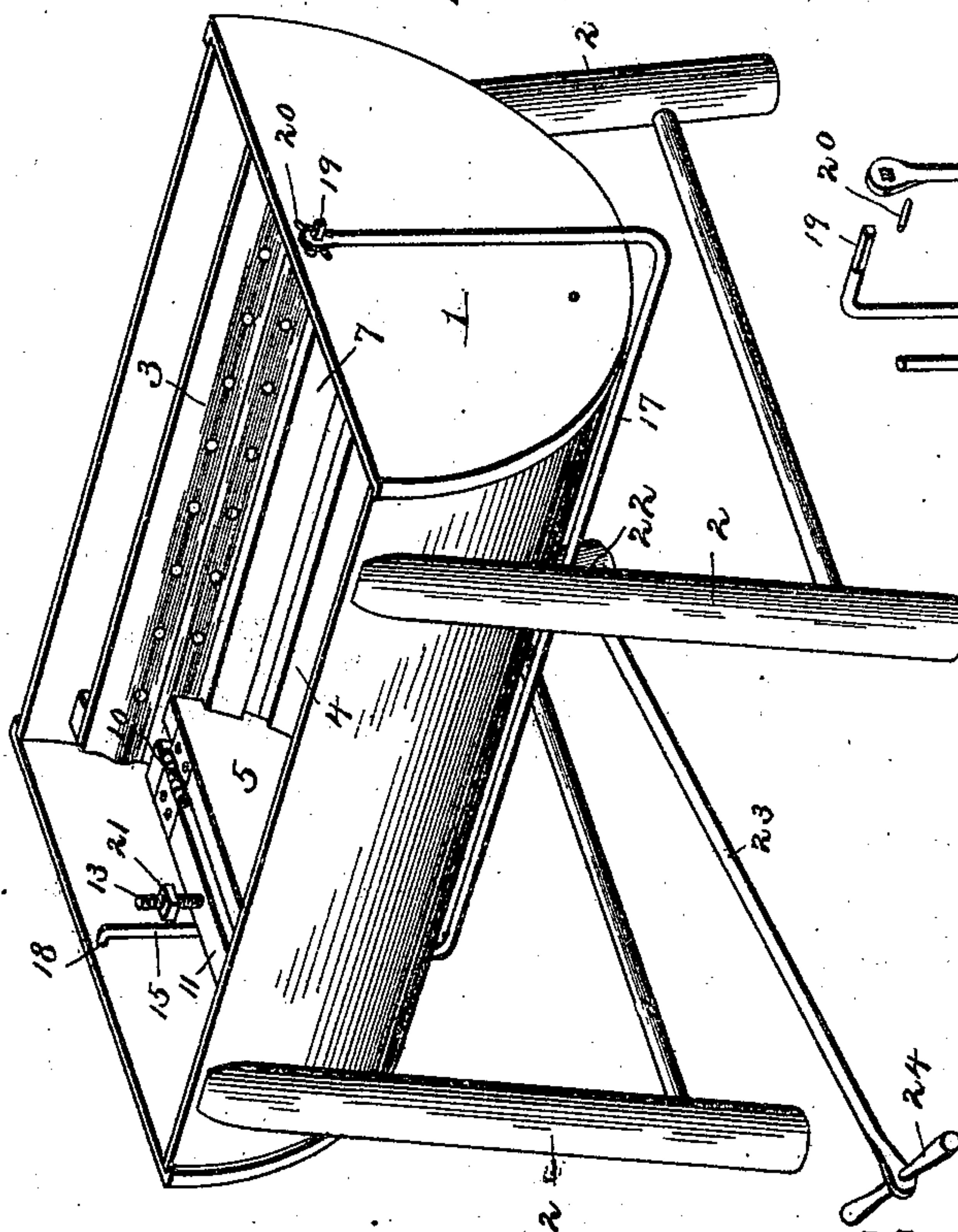
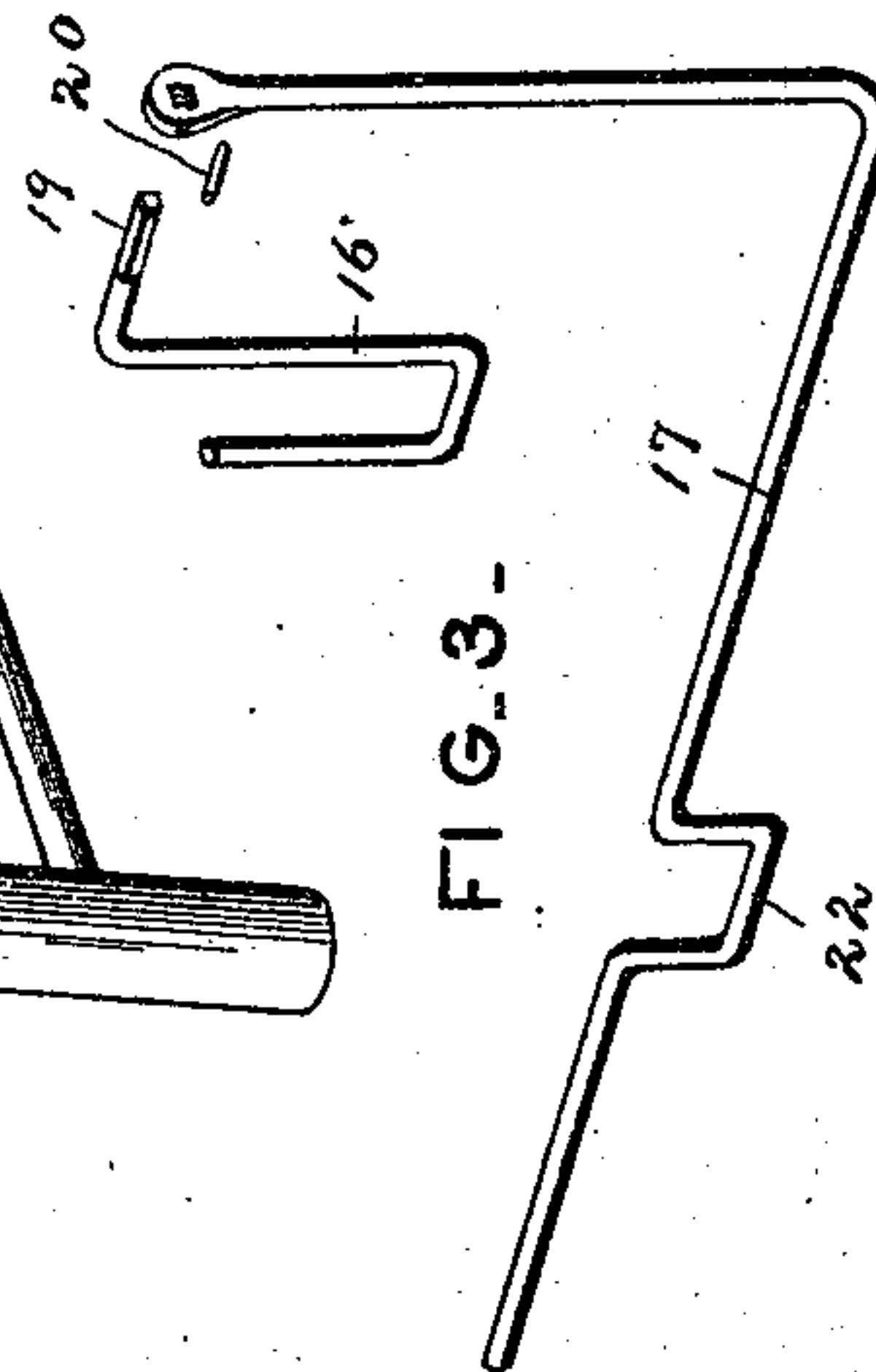


FIG. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

MARCIA MCKEEVER, OF PROMISE CITY, IOWA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 502,314, dated August 1, 1893.

Application filed May 9, 1893. Serial No. 473,592. (No model.)

To all whom it may concern:

Be it known that I, MARCIA MCKEEVER, a citizen of the United States, residing at Promise City, in the county of Wayne and State of Iowa, have invented a new and useful Washing-Machine, of which the following is a specification.

The invention relates to improvements in washing machines.

10 The object of the present invention is to improve the construction of washing machines, and to provide a simple and efficient one capable of rapidly washing clothes without liability of tearing, wearing or otherwise
15 injuring the fabrics, and adapted to be easily operated by a person while sitting.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated
20 in the accompanying drawings and pointed out in the claims hereto appended.

In the drawings—Figure 1 is a perspective view of a washing machine constructed in accordance with this invention. Fig. 2 is a vertical longitudinal sectional view. Fig. 3 is a
25 detail perspective view of the bail and one hook.

Like numerals of reference indicate corresponding parts in all the figures of the drawings.
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1 designates an approximately semi-cylindrical washing machine body, supported by legs 2 and provided on its interior with a semi-circular or cylindrical rubbing surface 3, composed of a series of longitudinally disposed
35 slats provided at intervals with openings or perforations. The stationary rubbing surface co-operates in washing with an oscillating rubber 4, which is provided with a lower curved rubbing face conforming to the configuration of the stationary rubber 3. The oscillating rubber is composed of segmental end pieces 5 and 6 and longitudinal slats 7, which are provided on their lower faces with
45 projecting pins 8 which serve to carry the clothes being washed over the surface of the stationary rubber. The end piece 6 is rigidly secured to a cleat 9; and the other end piece 5 is connected by hinges 10 to a cleat 11; and
50 these cleats 9 and 11 are provided with central vertical perforations 12, which receive

pension hooks 15 and 16 connected with the ends of a swinging bail 17. The swinging bail is approximately rectangular and is disposed longitudinally of the body, extending
55 down the sides and along the bottom thereof. Its sides terminate in eyes, having square openings to receive squared ends of journals 18 and 19 of the suspension hooks 15 and 16, which are secured to the bail by pins 20. The suspension hook, which receives the cleat 10, has its vertical supporting portion 13 threaded and provided with a nut 21, which prevents the cleat leaving the suspension hook.
60 The cleat 9 is adapted to be lifted off the vertical portion 14 of the suspension hook 15 to swing the oscillating rubber upward as illustrated in Fig. 1 of the accompanying drawings to remove clothes from or to place them in the washing machine body. The vertical supporting portions of the suspension hooks permit the oscillating rubber to have a vertical movement or adjustment to accommodate
65 itself to the quantity of clothes being washed. The bail is provided at the middle of its horizontal portion with a depending bend 22, which increases the leverage, and which has attached to it a handle rod 23. The handle rod has a handle 24 at its outer end, and it enables the
70 machine to be conveniently operated while sitting.

It will be seen that the washing machine is simple and comparatively inexpensive in construction, that it is capable of rapidly and
75 effectively washing clothes, and that it will not tear, wear or otherwise injure them.

Changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or
80 sacrificing any of the advantages of this invention.

What I claim is—

1. In a washing machine, the combination of a washing machine body having a stationary
85 rubbing surface, suspension hooks arranged within the body and provided with journals extending through the same, said suspension hooks having vertical portions, one of which is provided with a nut, a bail connected to the
90 journals and provided with a handle, cleats provided with openings and arranged on the vertical portions of the supporting hooks, and an oscillating rubber hingedly connected to

one of the cleats and rigidly secured to the other, substantially as described.

2. In a washing machine, the combination of a washing machine body having a stationary
5 rubbing surface, suspension hooks arranged within the body and provided with journals extending through the body and having their outer ends squared, a bail extending down
10 the ends and along the bottom of the body and provided at its middle with a depending loop and having eyes at its ends provided with square openings secured on the squared

ends of the journals, a handle rod secured to the bend of the bail, and an oscillating rubber hingedly connected with one of the hooks 15 and detachably connected to the other, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

MARCIA McKEEVER.

Witnesses:

J. W. ARMSTRONG,
AMON WOODEN.