

(No Model.)

B. T. McCHESNEY.
WASHING MACHINE.

No. 458,293.

Patented Aug. 25, 1891.

FIG. 1.

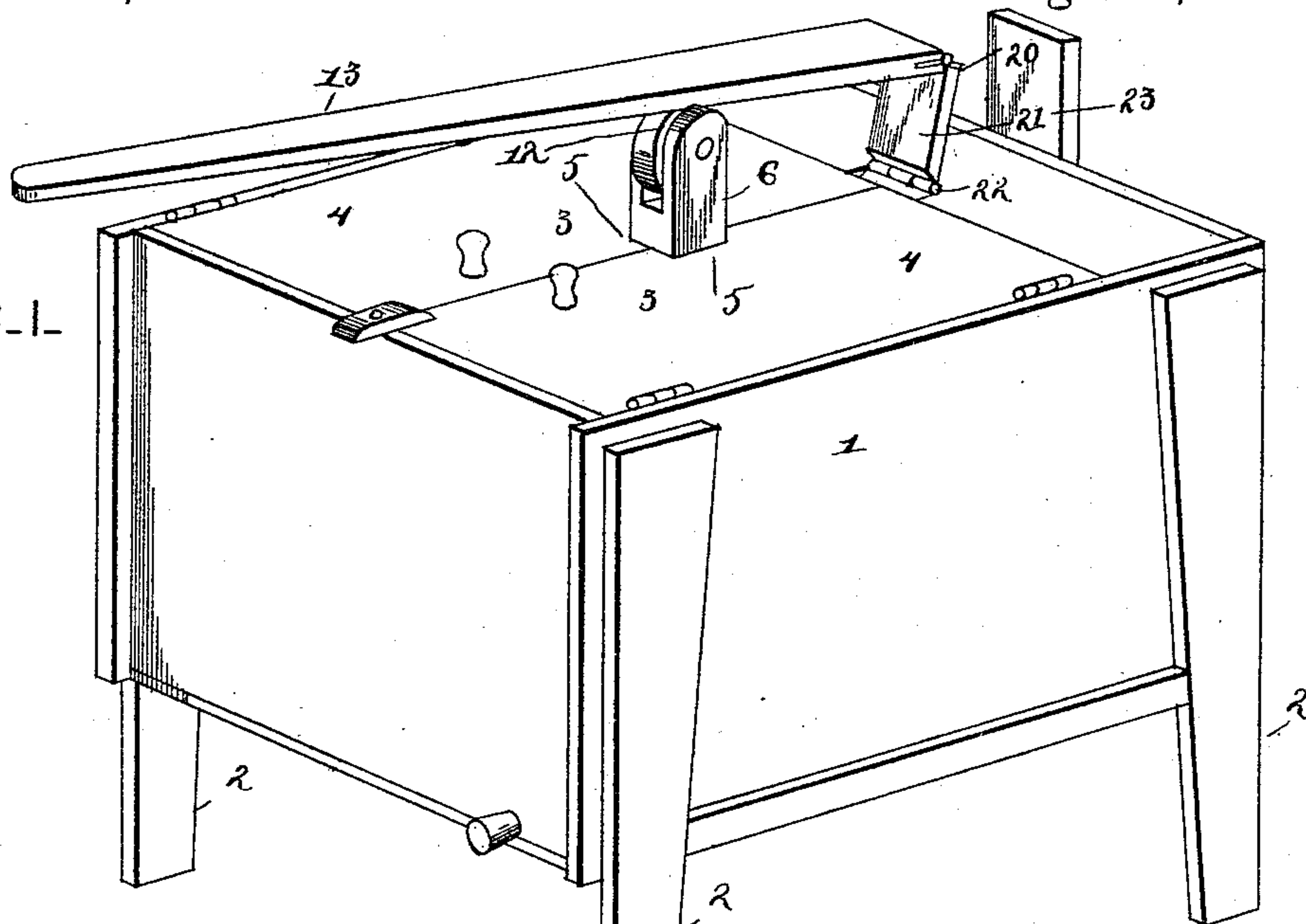


FIG. 2.

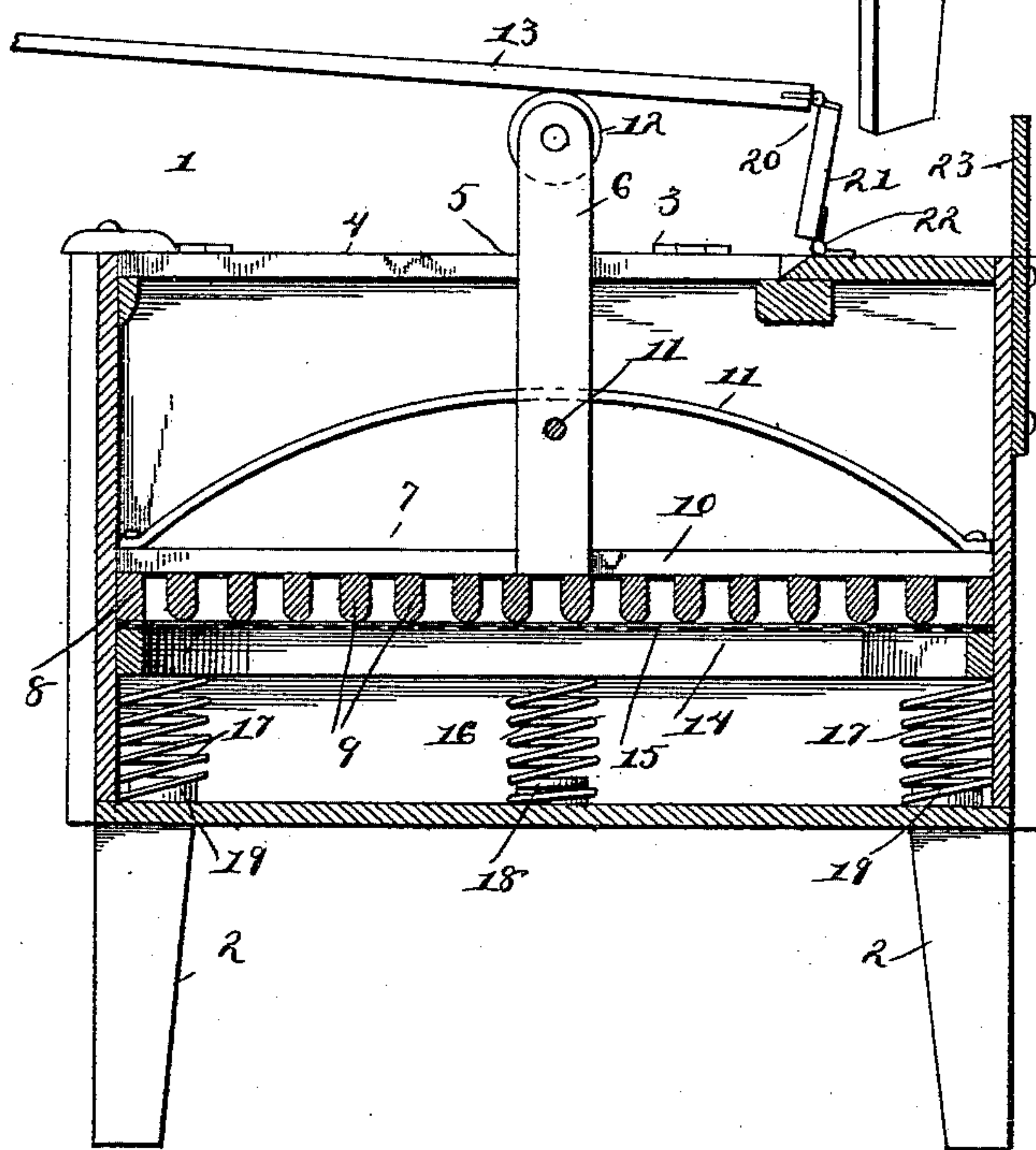
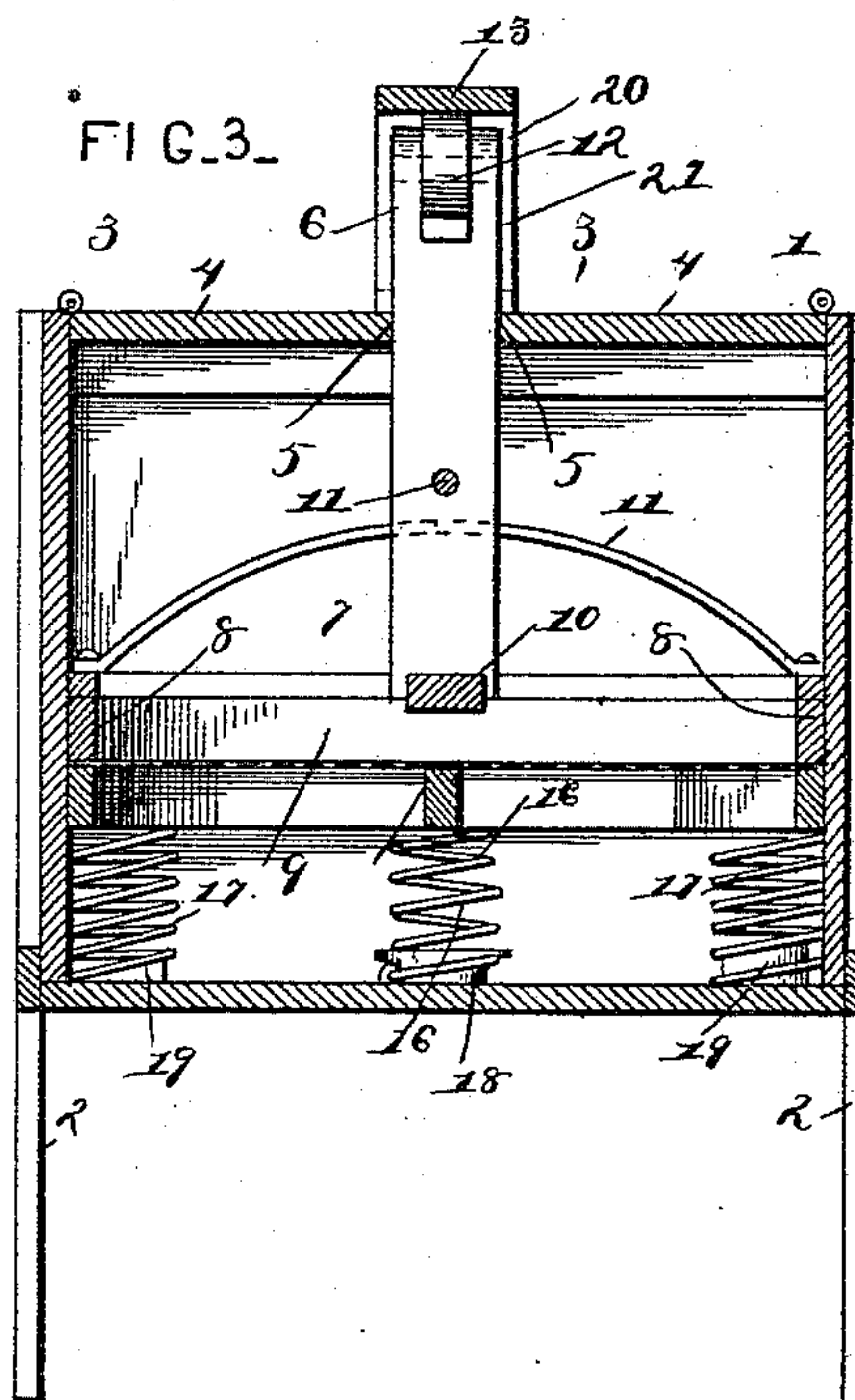


FIG. 3.



Witnesses

Geo. C. Frick.
J. F. Riley

Inventor

Bert T. McChesney

By *h75* Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

BERT T. MCCHESENEY, OF WORTHINGTON, MINNESOTA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 458,293, dated August 25, 1891.

Application filed December 27, 1890. Serial No. 375,980. (No model.)

To all whom it may concern:

Be it known that I, BERT T. MCCHESENEY, a citizen of the United States, residing at Worthington, in the county of Nobles and State of Minnesota, 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 simplify and improve the construction of washing-machines and enable the operation of washing to be performed at the expense of a small amount of labor on the part of the operator.

15 A further object of the invention is to enable clothes to be thoroughly washed without injuring the fabric, and to prevent the escape of the water during the operation of washing.

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

25 In the drawings, Figure 1 is a perspective view of a washing-machine constructed in accordance with this invention. Fig. 2 is a central vertical longitudinal sectional view. Fig. 3 is a transverse sectional view taken at right angles to Fig. 2.

30 Referring to the accompanying drawings, 1 designates a rectangular washing-machine body mounted on legs 2 and provided with a cover 3, composed of sections 4, hinged to the sides of the body and having their meeting edges provided with oppositely-disposed recesses 5, forming an opening, through which projects an upright 6 of a follower 7. The follower 7 is composed of a rectangular frame 8 and transverse slats 9, arranged at intervals in the frame and forming spaces or openings through which water may pass. The follower has rising centrally from it the upright 6, which is mounted on a longitudinal bar 10 and is supported by curved braces 11, arranged at right angles to each other and passing through perforations of the upright and having their ends secured to the sides and ends of the rectangular frame 8 of the follower, and the upper end of the upright is bifurcated and provided with a roller 12, ar-

13 during the operation of the machine.

In the operation of the machine the follower moves vertically in the washing-machine body and is supported upon a vertically-movable frame 14, which is rectangular and is provided with a wire screen or covering 15, upon which the clothes to be washed are placed. The frame 14 moves vertically with the expansion and contraction of springs 16 and 17, interposed between the frame 14 and the bottom of the body and arranged at the center and the four corners of the bottom, and the said springs force the frame and follower upward after being compressed by a downward stroke of the operating-lever, thereby greatly facilitating the operation of the machine and enabling the operation of washing to be performed at the expenditure of a small amount of labor on the part of the operator. The springs have their lower ends retained in place by blocks 18 and 19, and the upper ends of the springs support the frame.

75 The operating-lever 14 has one end formed into a handle, and the other end is connected by a hinge 20 to a block 21, which is connected with the top of the body by a hinge 22, and by hinging the lever to the block and similarly connecting the latter to the body a greater freedom of movement of the operating-lever is obtained, thereby greatly facilitating the operation of the machine. When the machine is not in operation, the lever is supported by a bar 23, secured to one end of the body and projecting upward therefrom.

85 It will be seen that the machine is simple and inexpensive in construction and is adapted to force the water through the clothes without injuring the fabrics, and is capable of being readily operated at the expense of a small amount of labor on the part of the operator.

What I claim is—

1. In a washing-machine, the combination of the body, the frame arranged within the body and supported by springs, the follower provided with an upright having its upper end bifurcated, the roller journaled in the bifurcation of the upright, and the operating-lever arranged to engage the roller, substantially as described.

2. In a washing-machine, the combination
of the body, the springs arranged on the bot-
tom of the body, the blocks securing the
springs to the body, the frame 14, provided
5 with the wire covering, the follower arranged
on the frame and composed of transversely-
arranged slats, the upright, and the curved
braces passing through the upright and hav-
ing their ends secured to the ends and sides of
10 the follower, and the operating-lever arranged

to engage the follower, substantially as de-
scribed.

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

BERT T. McCHESNEY.

Witnesses:

M. P. MANN,

P. G. JOHNSON.