(No Model.)

H. F. CARRICO.

WASHING MACHINE.

No. 460,945. Patented Oct. 13, 1891.

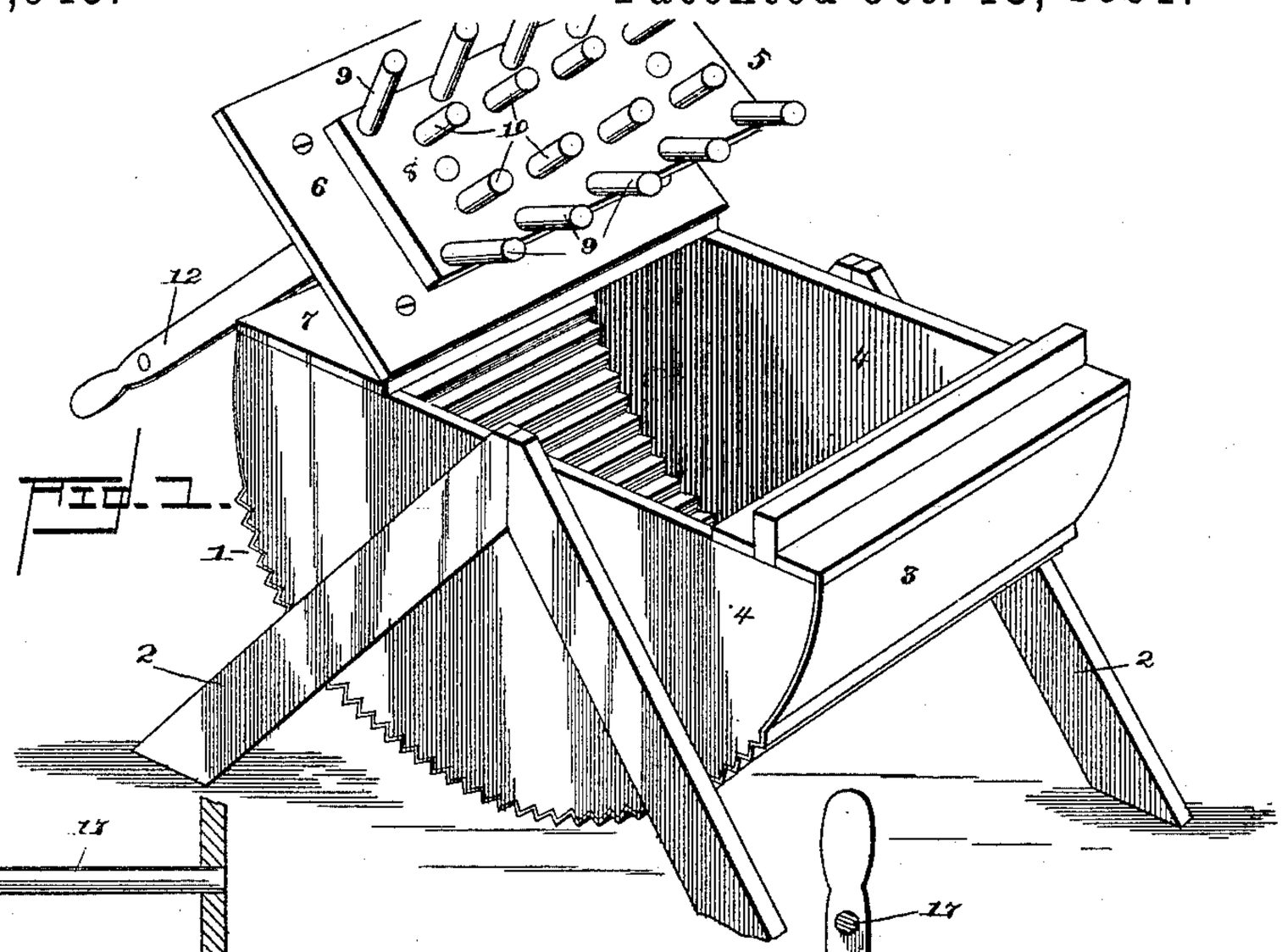

FIG. 1.

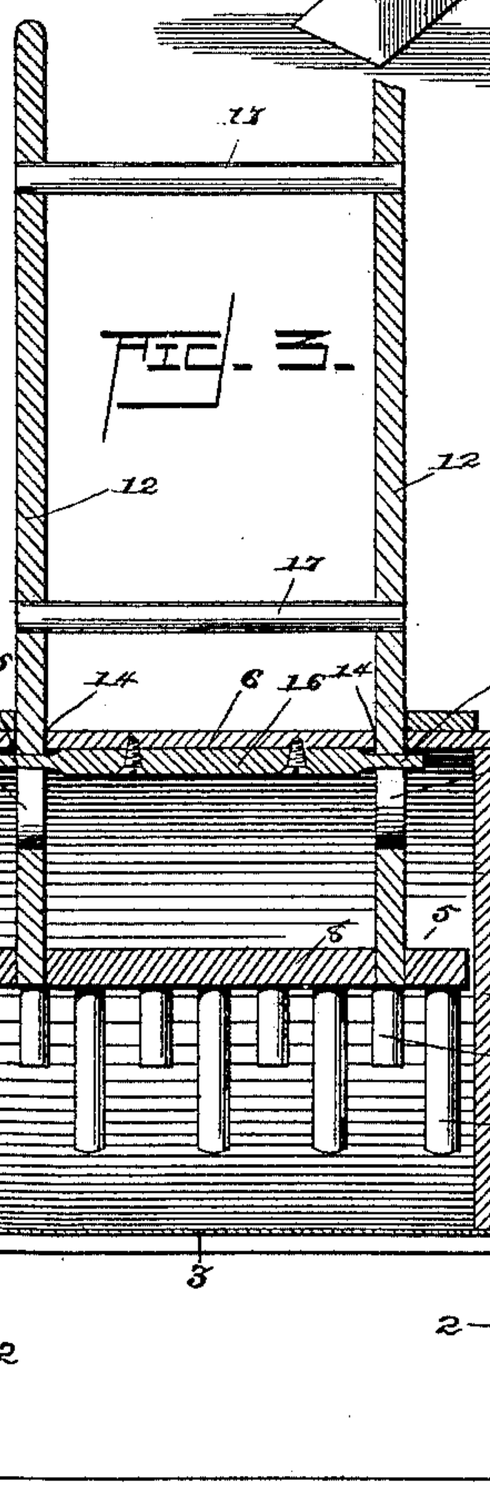

FIG. 3.

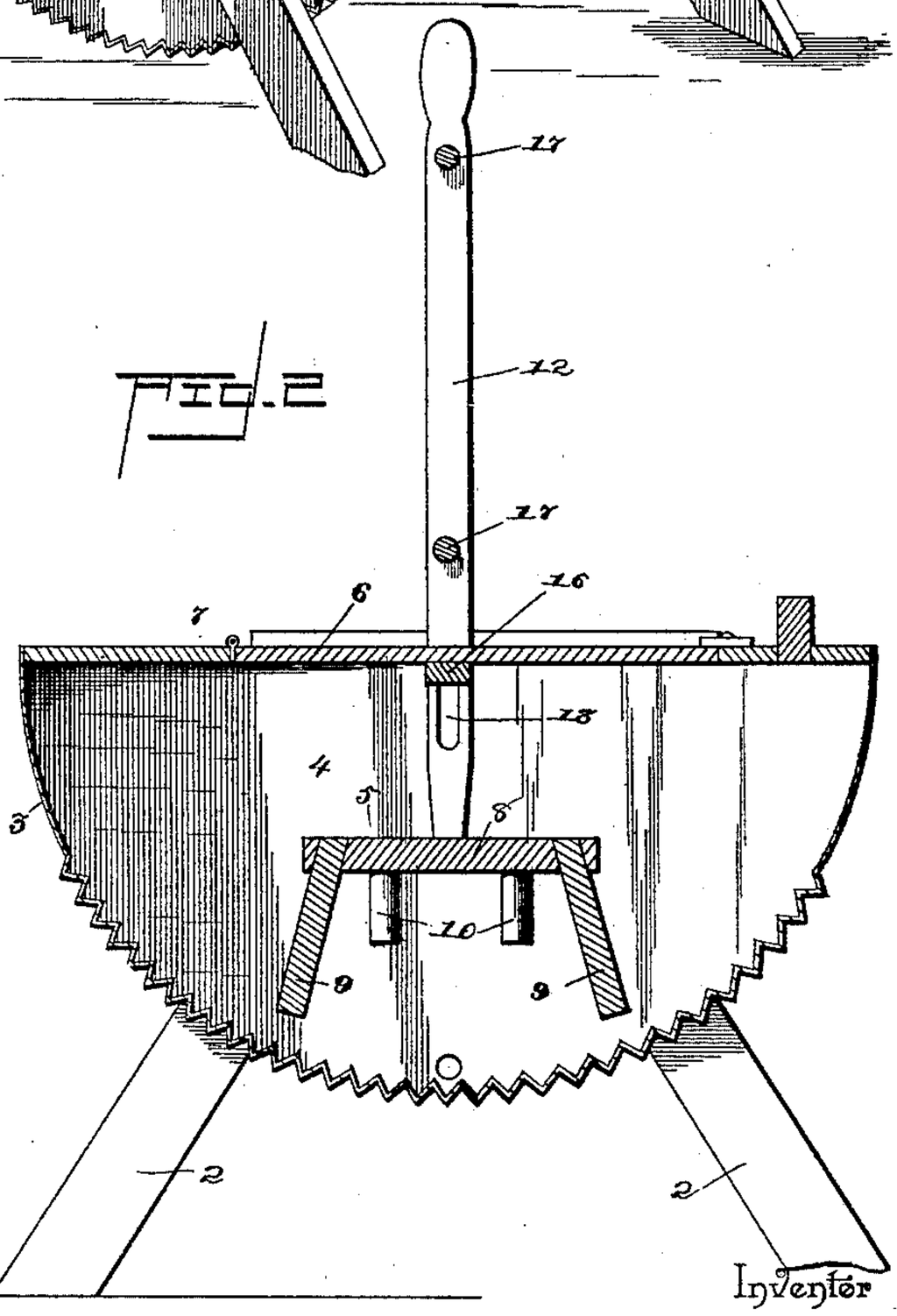

FIG. 2.

Witnesses

E. L. Duvall Jr.

N. G. Riley

Inventor

Henry F. Carrico.

By his Attorneys,

Cachow & Co.

UNITED STATES PATENT OFFICE.

HENRY F. CARRICO, OF PADUCAH, KENTUCKY.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 460,945, dated October 13, 1891.

Application filed March 4, 1891. Serial No. 383,728. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. CARRICO, a citizen of the United States, residing at Paducah, in the county of McCracken and State of Kentucky, have invented a new and useful Agitator for Washing-Machines, of which the following is a specification.

The invention relates to improvements in washing-machines.

The object of the present invention is to simplify and improve the construction of washing-machines and to enable clothes to be thoroughly cleaned without liability of injuring them.

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 claim hereto appended.

In the drawings, Figure 1 is a perspective view of a washing-machine constructed in accordance with this invention, the cover being swung back to show the rubber. Fig. 2 is a longitudinal sectional view. Fig. 3 is a transverse sectional view.

Referring to the accompanying drawings, 1 designates an approximately semi-cylindrical washing-machine body supported on inclined legs 2 and provided with a continuous sheet-metal bottom 3, which connects the segmental sides 4 of the body. The sheet-metal bottom 3 is provided with series of angular corrugations to provide a rubbing surface, against which the clothes are moved by an oscillating rubber 5.

The oscillating rubber 5 is suspended from a hinged section or cover 6 of the top 7 of the washing-machine body, and it consists of a rectangular board 8, provided on its lower face with series of projecting pins or fingers 9 and 10. The fingers 9 and 10 are arranged in longitudinal rows, and the fingers 9 are the longer and are arranged at the edges of the board and slightly diverge, and the shorter fingers 10 are arranged in longitudinal rows and alternate with the long pins or fingers, being arranged opposite the intervals of the latter.

The oscillation of the rubber is produced by handles 12, which are provided near their lower ends with slots 13 and are arranged in slots 14 of the hinged section or cover 6 and are fulcrumed on rounded ends 15 of a bar 16, secured to the lower face of the hinged section or top and having its rounded ends spanning the slots 14. The lower ends of the handle are seated in openings or sockets of the rectangular board 8, and the handles are connected near their upper ends by rods 17.

The hinged cover or section is locked in its closed position by pivoted buttons, and the top 7 of the washing-machine body is provided near one end with a strip for the attachment of a wringer.

From the foregoing description and the accompanying drawings the construction, operation, and advantages of the invention will readily be understood.

What I claim is—

The combination, in a washing-machine, of the semi-cylindrical body having a bottom provided with a rubbing surface, the hinged section or cover provided with slots 14, the fulcrum-bar 16, secured to the inner face of the hinged section or cover and having its ends rounded and spanning the slots 14, the handles connected by rods and provided with slots 13 to receive the ends of the fulcrum-bar, and the rubber comprising the rectangular board having openings or sockets to receive the lower ends of the handles and the long and short pins 9 and 10, the long pins being arranged in longitudinal rows at the edges of the board and the short pins arranged in rows and located opposite the intervals of the long pins, substantially as described.

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

HENRY F. CARRICO.

Witnesses:
PHIL. S. HISAY,
LEE D. POTTER.