

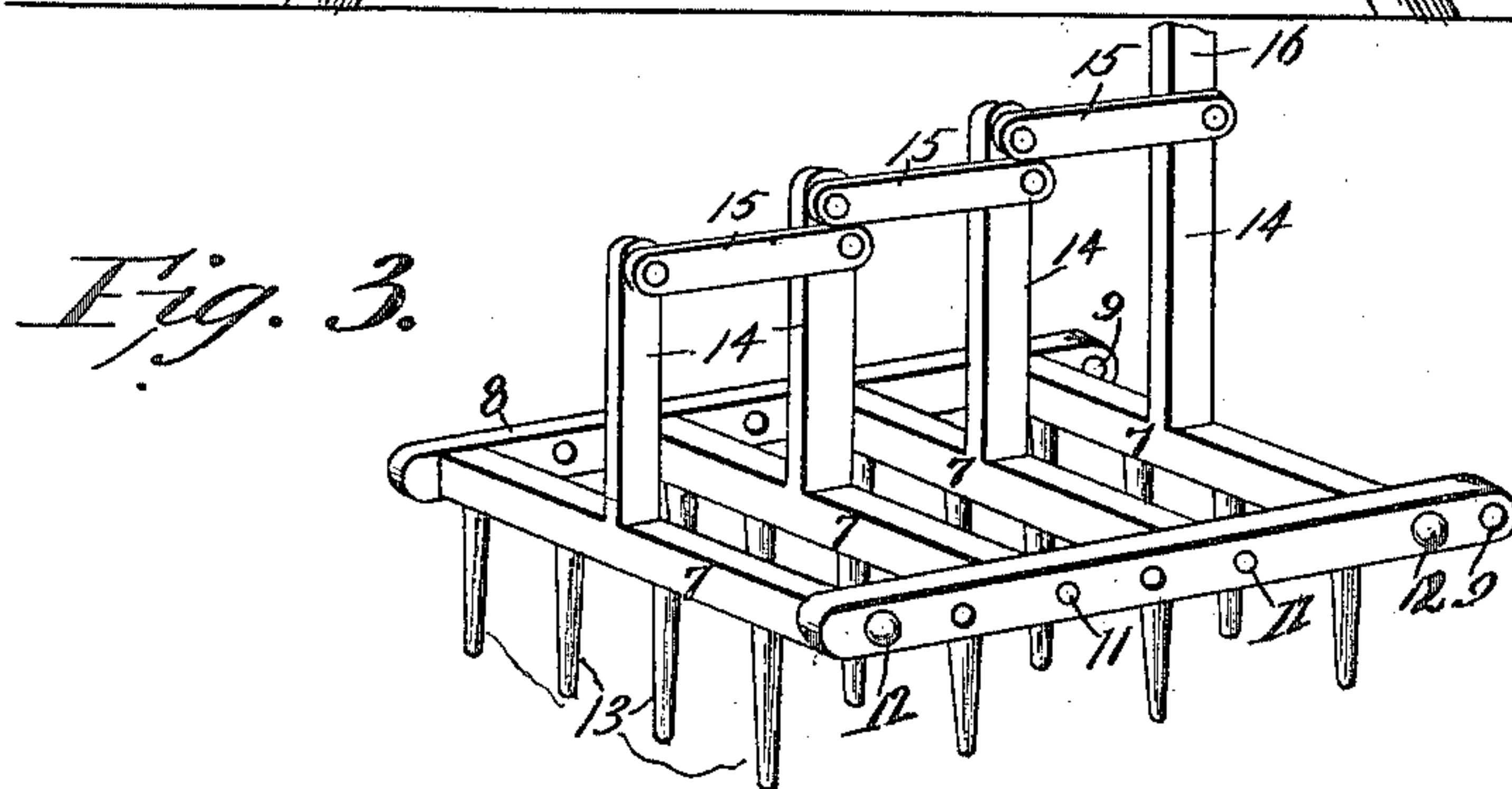
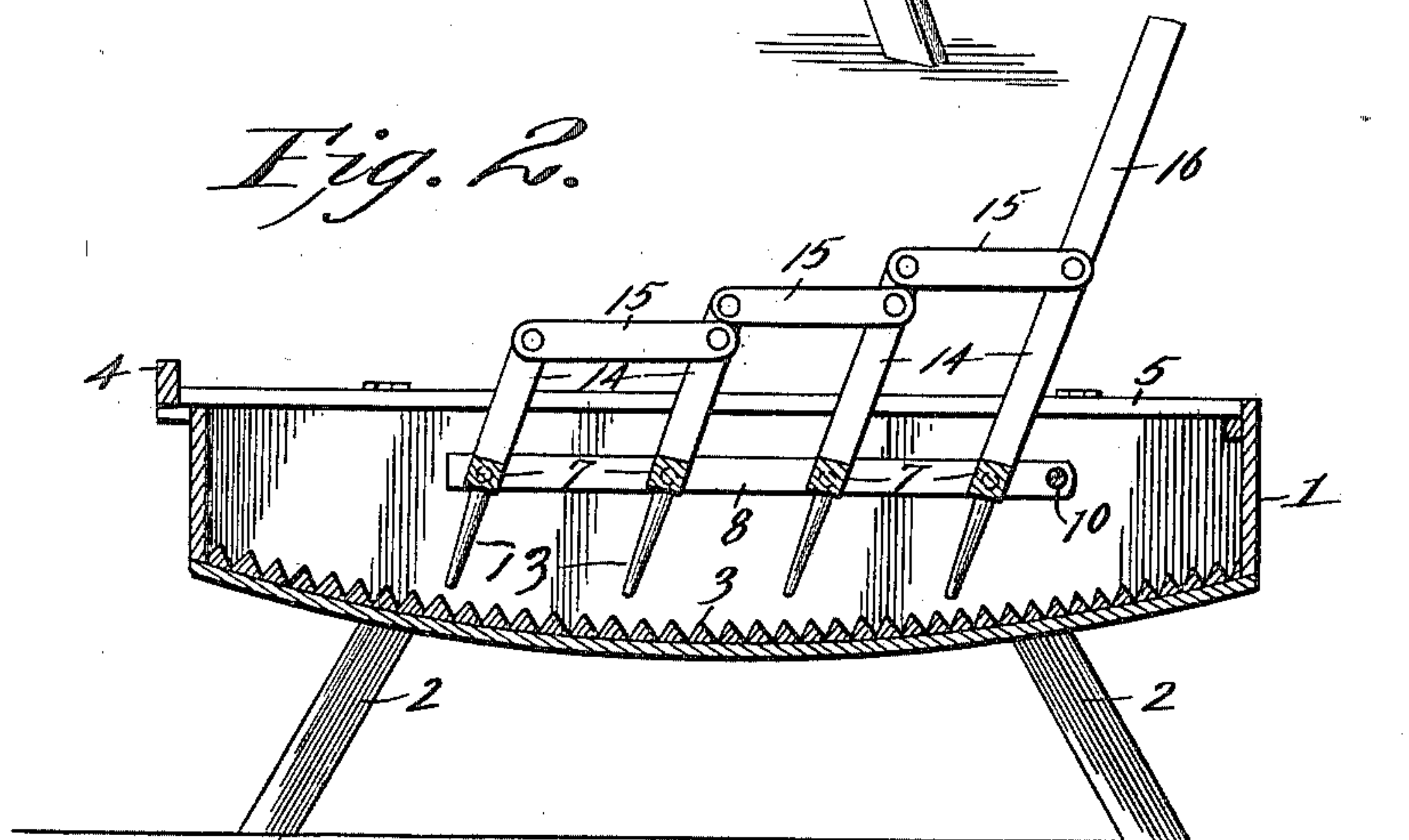
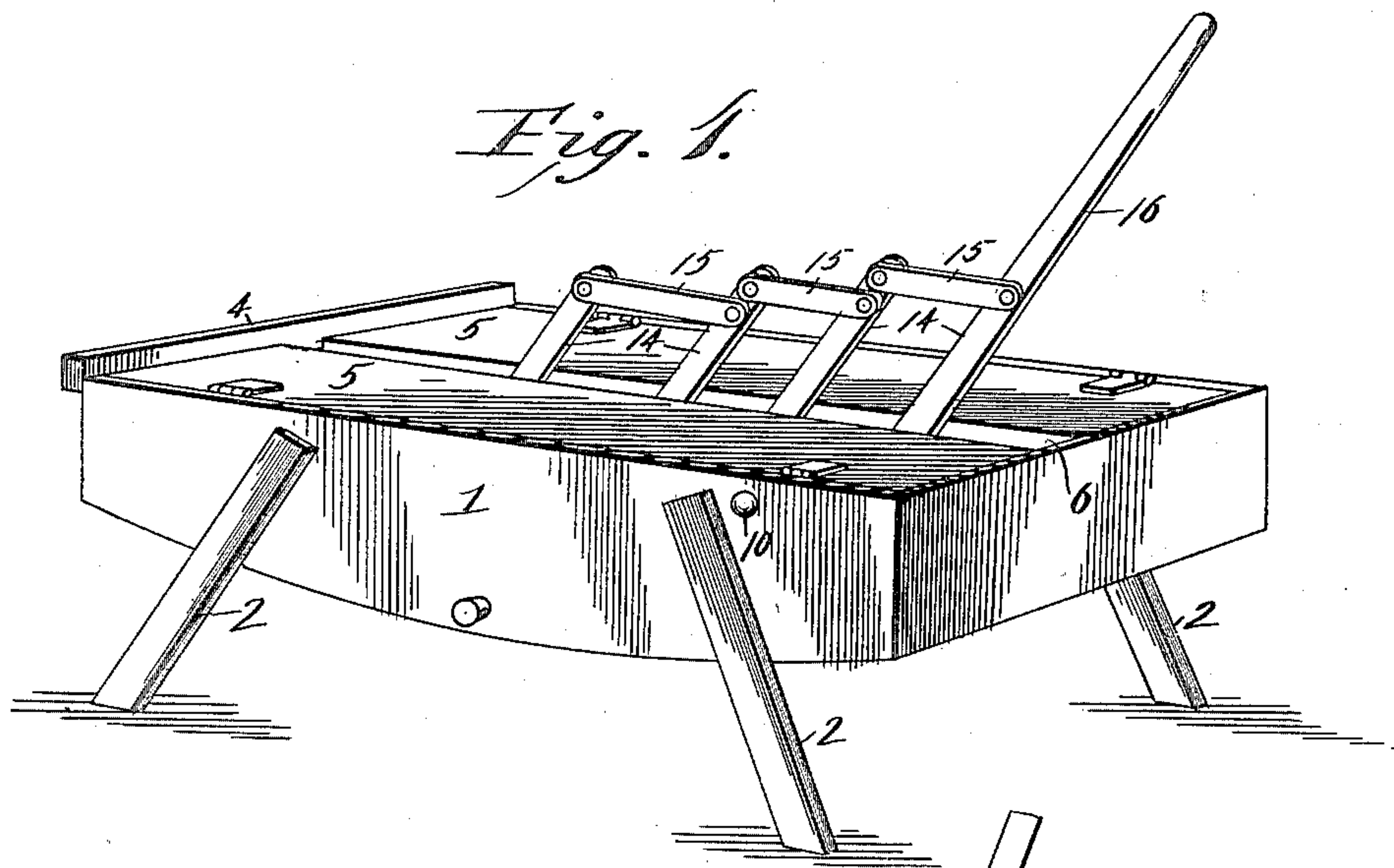
No. 661,393.

Patented Nov. 6, 1900.

H. F. CARRICO.
WASHING MACHINE.

(Application filed May 29, 1900.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY F. CARRICO, OF WINGO, KENTUCKY.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 661,393, dated November 6, 1900.

Application filed May 29, 1900. Serial No. 18,417. (No model.)

To all whom it may concern:

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

The invention relates to improvements in washing-machines.

The object of the present invention is to improve the construction of washing-machines and to provide a simple, inexpensive, and efficient one, adapted to be conveniently operated, and capable of enabling the operation of washing to be rapidly and thoroughly performed.

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 the washing-machine constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a detail perspective view of the agitator.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a washing-machine body supported by suitable legs 2 and provided at its bottom with a rubbing-surface 3, which may be constructed in any suitable manner and over which the clothes to be washed are carried, by the means hereinafter described, to rub the said clothes, and thereby effect the operation of washing. The washing-machine body is provided at one end with a wringer-supporting bar 4, and it has covers or lids 5, extending longitudinally of the washing-machine body and hinged at their outer edges to the side walls of the same and having their inner longitudinal edges spaced apart to provide a central longitudinal opening 6, and the said lids or covers are adapted to be swung outward laterally of the washing-machine body to afford access to the interior thereof and to enable clothes to be readily placed therein and removed therefrom.

The clothes are carried over the rubbing-surface of the bottom of the washing-machine by an agitator consisting of a series of trans-

versely-disposed rock-shafts 7, removably journaled in suitable bearings of parallel side bars 8, pivoted at one end to the sides of the washing-machine body to enable the agitator to swing upward and outward over one end of the same and to permit clothes to be conveniently distributed over the rubbing-surface of the bottom 3. The bars 8 are provided at one end with perforations 9 for the reception of the pivot, which may consist of a transverse rod 10 or any other suitable means.

The ends of the rock shafts or sections 7 are provided with journals 11, which are arranged in suitable bearing-openings of the side bars 8, and they may be retained therein by fastening devices 12, embedded in the journals of the end shafts or sections to retain the side bars thereon. The rock shafts or sections are provided with a series of depending arms 13, and they have centrally-arranged upwardly-extending arms 14, and the number of the rock shafts or sections may be varied by removing one or more of them.

The centrally-arranged arms 14, which extend through the opening formed by the lids or covers, are connected by links 15, and the arm of the rear rock shaft or section is extended to form a lever 16. The lever extends upward, as clearly shown in Figs. 1 and 2, and it is adapted to be oscillated to cause the pins or arms 13 to swing and carry the clothes or other fabrics over the rubbing-surface of the washing-machine body.

It will be seen that the washing-machine is exceedingly simple and inexpensive in construction, that it is easily operated, and that the independent links which connect the upwardly-extending arms of the rock shafts or sections communicate motion from one rock shaft or section to another, so that the depending arms or pins will be simultaneously oscillated in the same direction.

What is claimed is—

A washing-machine comprising a body, the longitudinal side bars located at the inner faces of the sides of the body and pivoted thereto near one end thereof and provided at intervals with perforations, the transverse rock-shafts having journals detachably arranged in the said perforations, said rock-shafts being provided with depending clothes-engaging arms and having upwardly-

extending arms 14 gradually increasing in length from one end of the body, one of the upwardly-extending arms forming a projecting handle located at one end of the body, the
5 fastening devices 12 detachably securing the side bars to the rock-shafts and adapted to permit the latter to be removed, whereby an agitator of the desired capacity may be provided and the short independent links 15 arranged at different elevations and detachably
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secured at their ends to the upwardly-extending arms, substantially as and for the purpose described.

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

HENRY F. CARRICO.

Witnesses:

ISAAC M. BRANN,
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