(No Model.)

I. N. TURNBAUGH.

WASHING MACHINE.

No. 589,319. Patented Aug. 31, 1897.

Fig. 1.

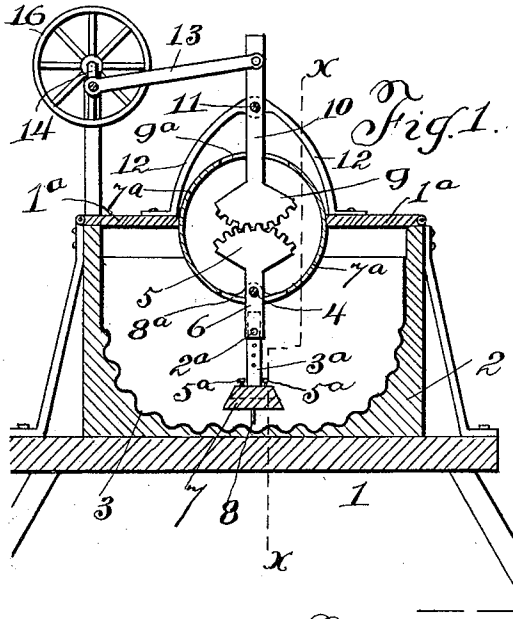


Fig. 3.

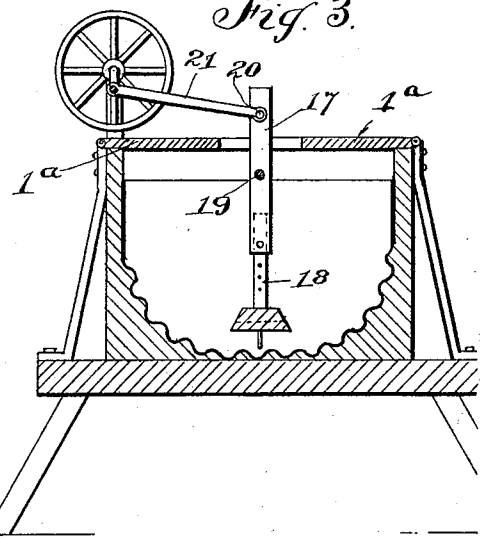


Fig. 1a.

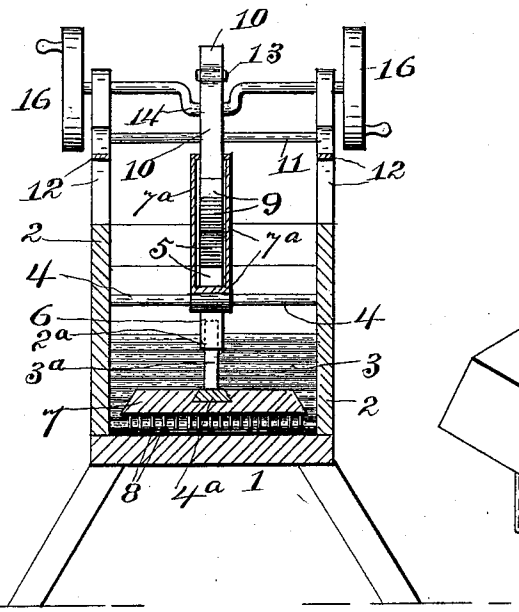
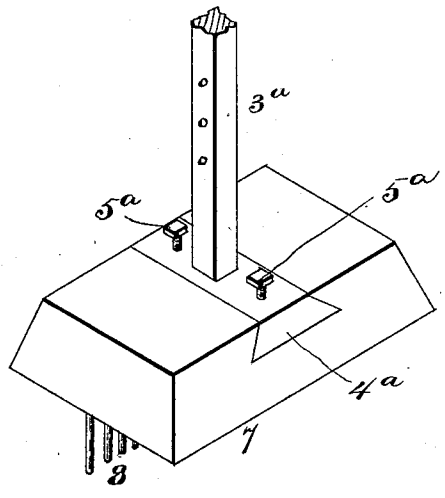


Fig. 2.



Witnesses:
C. F. Belt.
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ISAAC N. TURNBAUGH, OF PANACA, NEVADA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 589,319, dated August 31, 1897.

Application filed January 2, 1897. Serial No. 617,806. (No model.)

To all whom it may concern:

Be it known that I, ISAAC N. TURNBAUGH, a citizen of the United States, residing at Panaca, in the county of Lincoln and State of Nevada, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to washing-machines, and particularly to such machines employing a reciprocating rubber; and its novelty will be fully understood from the following description and claims when taken in connection with the annexed drawings.

The object of the invention is to provide a simple, inexpensive, and durable washing-machine of new and novel construction of parts.

A further object of the invention is to provide a novel means for operating the rubber.

The invention consists in the novel construction and arrangement of parts, as will hereinafter be fully described, and set in the appended claims.

In the accompanying drawings, forming part of this application, Figure 1 is a central section of my improved washing-machine. Fig. 1ª is a section on the line *x x*, Fig. 1, with the lid thrown back. Fig. 2 is a perspective view of the rubber. Fig. 3 is a section of a modification.

The same numeral references denote the same parts throughout the several figures of the drawings.

The base or stand 1 is provided with a clothes-receptacle 2, having a corrugated bottom 3, and with suitable hinged lids 1ª. Pivoted to the receptacle 2 on a rod 4 is a toothed sector 5, having a depending arm 6, to which arm is adjustably secured by a pin 2ª the standard 3ª of the clothes-rubber 7. The latter consists of a block of substantially the same width as said receptacle, having prongs or projections 8 extending close to the corrugated bottom. The standard 3ª has a tongue 4ª detachably secured to the rubber by set-screws 5ª. A like sector 9 meshes with the said sector 5 and has an upwardly-extending arm 10 pivoted upon a rod 11, supported at each end in brackets 12 from the body of the machine.

The upper end of the arm 10 has secured to it one end of a pitman 13, the other end of the latter being attached to a crank-shaft 14, operated by hand crank-wheels 16, supported from the body of the machine.

A circular hood 7ª is suspended from the pivot-rod 4 to inclose the sectors, and has openings 8ª and 9ª for the sector-arms 6 and 10.

Referring to the modification shown in Fig. 3, the arm 17 extends from the plunger-rod 18 and is pivoted on a rod 19, and from the latter extends upward, where it is connected at 20 with the pitman 21, thus dispensing with the sectors and making a single and direct connection between the rubber and the pitman.

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

1. The combination, with a receptacle, of the bracket at each end of the machine, the toothed sector pivoted from the brackets, a like sector pivoted in the receptacle and meshing with said toothed sector, said like sector being provided with a sleeve, the standard vertically adjustable in the sleeve and having a tongue, and the pronged rubber having a groove in which the said tongue is adapted to be adjusted at right angles to the said standard, as set forth.

2. The combination, with a receptacle, of the bracket at each end of the machine, the toothed sector pivoted from the brackets, a like sector pivoted in the receptacle and meshing with said toothed sector, said like sector being provided with a sleeve, the standard vertically adjustable in the sleeve and having a tongue, and the pronged rubber having a groove in which the said tongue is adapted to be adjusted at right angles to the said standard, and the cylindrical hood suspended from the pivot of the said toothed sector to inclose the said two sectors, as set forth.

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

ISAAC N. TURNBAUGH.

Witnesses:
Mrs. C. M. TURNBAUGH,
CHRISTIANA SYPHUS.