

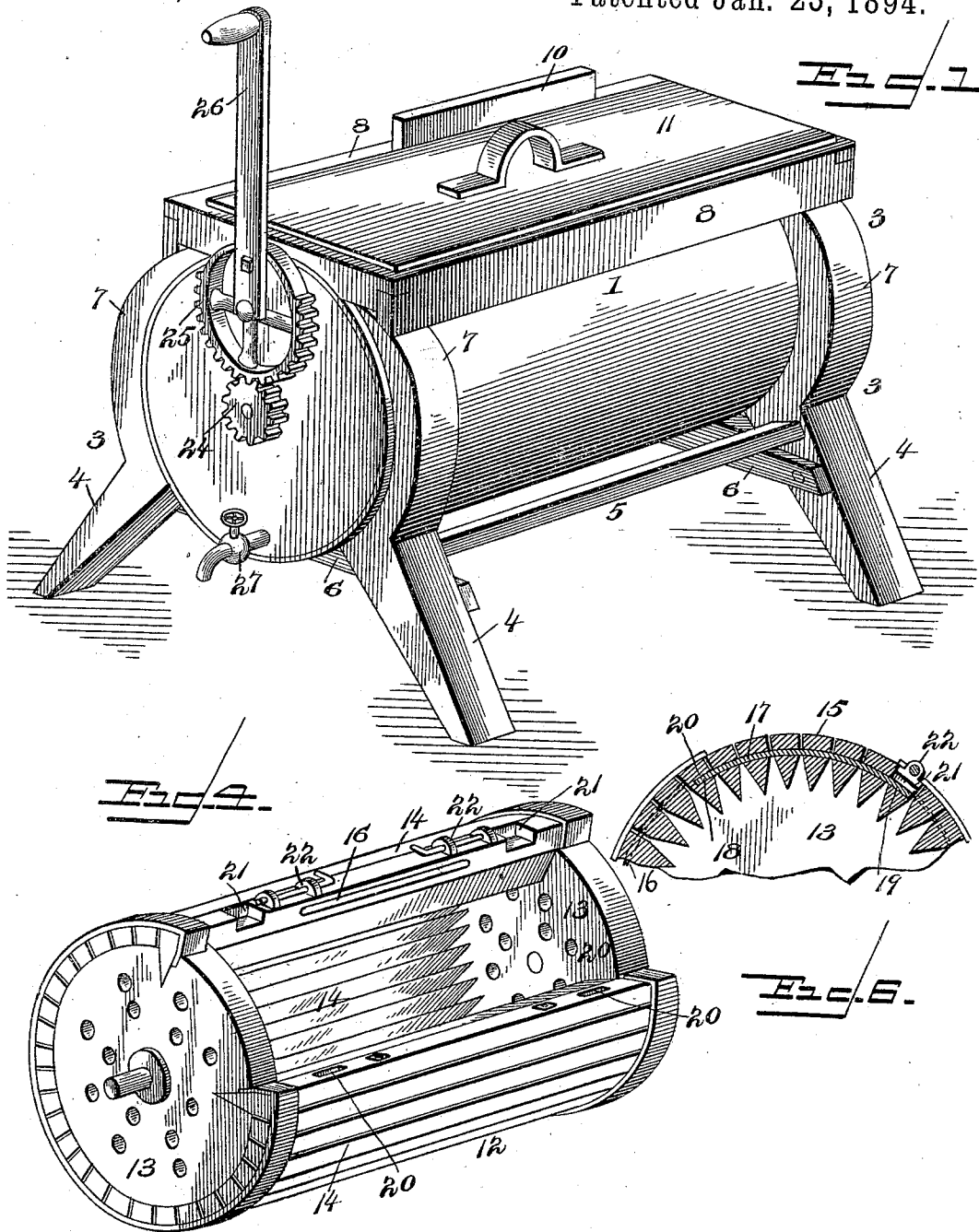
(No Model.)

2 Sheets—Sheet 1.

G. P. WALTER. WASHING MACHINE.

No. 513,374.

Patented Jan. 23, 1894.



Inventor

George P. Walter

By *his* Attorneys.

C. Snow & Co.

Witnesses
C. H. Stewart
N. H. Wiley

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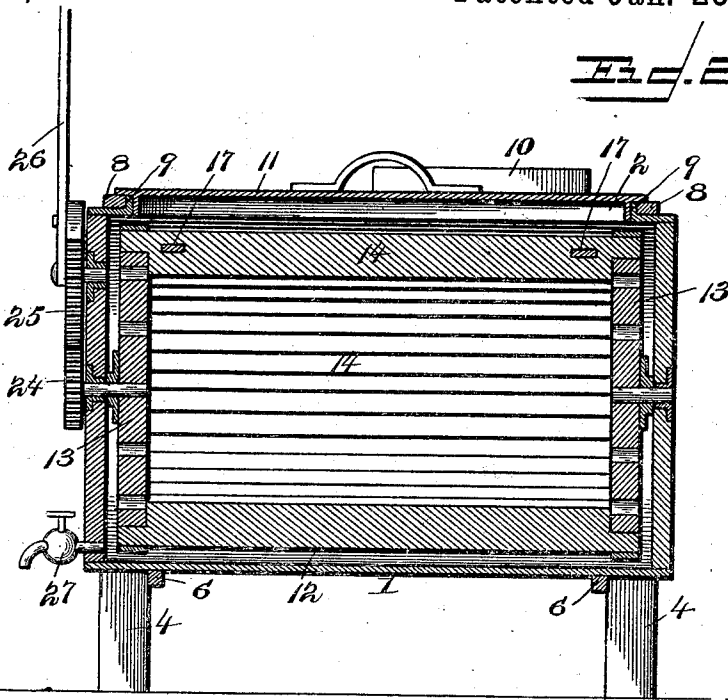


Fig. 2.

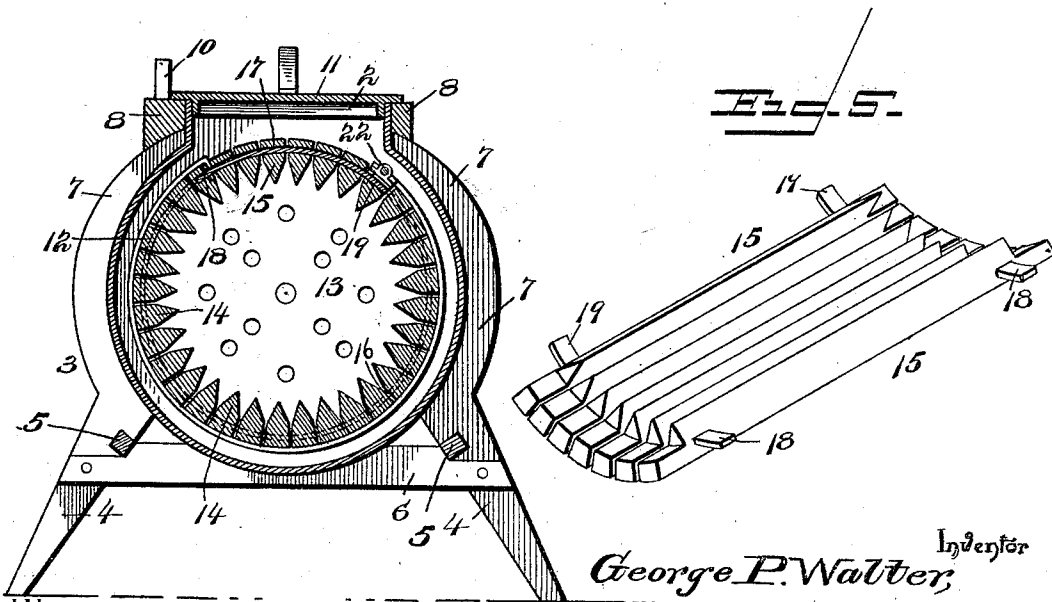


Fig. 5.

Inventor
George P. Walter,

Witnesses
C. H. Stewart
J. H. Riley

By Two Attorneys,

Chas. H. Snow & Co.

UNITED STATES PATENT OFFICE.

GEORGE P. WALTER, OF BROWNWOOD, TEXAS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 513,374, dated January 23, 1894.

Application filed August 4, 1893. Serial No. 482,391. (No model.)

To all whom it may concern:

Be it known that I, GEORGE P. WALTER, a citizen of the United States, residing at Brownwood, in the county of Brown and State of Texas, 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, to increase their efficiency, and to provide one capable of thoroughly and rapidly washing clothes without wearing, tearing or otherwise 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. Fig. 2 is a longitudinal sectional view. Fig. 3 is a transverse sectional view. Fig. 4 is a detail perspective view of the rubbing cylinder, the cover being removed. Fig. 5 is a similar view of the cover or lid of the cylinder. Fig. 6 is an enlarged detail sectional view illustrating the manner of securing the cover or lid of the cylinder to the body thereof at one edge of the former.

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

1 designates a cylindrical washing machine body preferably constructed of sheet metal and provided at its top with a rectangular opening or mouth 2, and supported by a stand 3. The stand 3 is composed of legs 4 arranged in pairs at the ends of the cylindrical washing machine body and connected by longitudinal and transverse bars 5 and 6, and provided at their tops with curved arms 7, conforming to the configuration of and embracing the sides of the washing machine body, and supporting a rectangular frame 8 arranged around the mouth or opening of the washing machine body on the exterior of an upwardly extending flange 9. The rectangular frame 8 is provided at one side with a wringer board 10, which serves as conven-

ient means for mounting a wringer upon the washing machine. The transverse bars 6 are arranged beneath the washing machine body, and are provided with curved recesses at their upper faces to receive the body 1.

The washing machine body is provided with a cover 11 and has journaled in it a rotary rubbing cylinder 12, which is composed of circular perforated ends or heads 13 and peripheral rubbing slats 14, and is provided with a detachable cover 15. The slats of the cylinder are connected by or strung on copper wires 16, which are provided at their ends with nuts, and said slats have inwardly extending portions, which are triangular in cross-section and which form a rubbing surface on the interior of the cylinder with which the clothes come in contact during the operation of washing. The cover 15 of the cylinder is composed of similar slats arranged on metal strips 17, which pass through slots of the slats, and extend beyond the cover to form projections 18 and 19, adapted to engage sockets 20 and recesses 21 of the cylinder. The end slats of the cylinder at the sides of the cover opening are provided with the said sockets 20 and with the recesses 21; and that having the latter is provided with sliding bolts 22 to engage the projections 19 of the cover, whereby the latter is detachably secured to the cylinder. The slats of the cover 15 are constructed similarly to those of the cylinder body, and when the cover is in place the rubbing cylinder has a continuous rubbing surface and may be operated by complete rotations or semi-rotations which cause it to vibrate. One of the journals of the rubbing cylinder is extended through the washing machine body and carries a pinion 24, which meshes with a cog wheel 25, mounted on a stub shaft and having a handle 26 secured to it. The handle and the cog wheel are constructed for causing partial rotations or vibrations of the rubbing cylinder.

The washing machine body is provided at one end with a faucet 27 to enable the water to be drawn off after washing.

It will be readily apparent that the washing machine is exceedingly simple and inexpensive in construction, that it is capable of rapid and efficient washing, and that it will not injure the fabrics.

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

5 What I claim is—

In a washing machine, the combination of a body, a rubbing cylinder having an interior rubbing surface and provided with a cover opening and having sockets at one side thereof and recesses at the opposite side, a cover composed of slats and provided with metal

strips passing through the slats and projecting beyond it and engaging the sockets and fitting in the recesses, and fastening devices for detachably retaining the metal strips in the recesses, substantially as described. 15

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

GEO. P. WALTER.

Witnesses:

W. A. STOREY,
J. H. MAY.