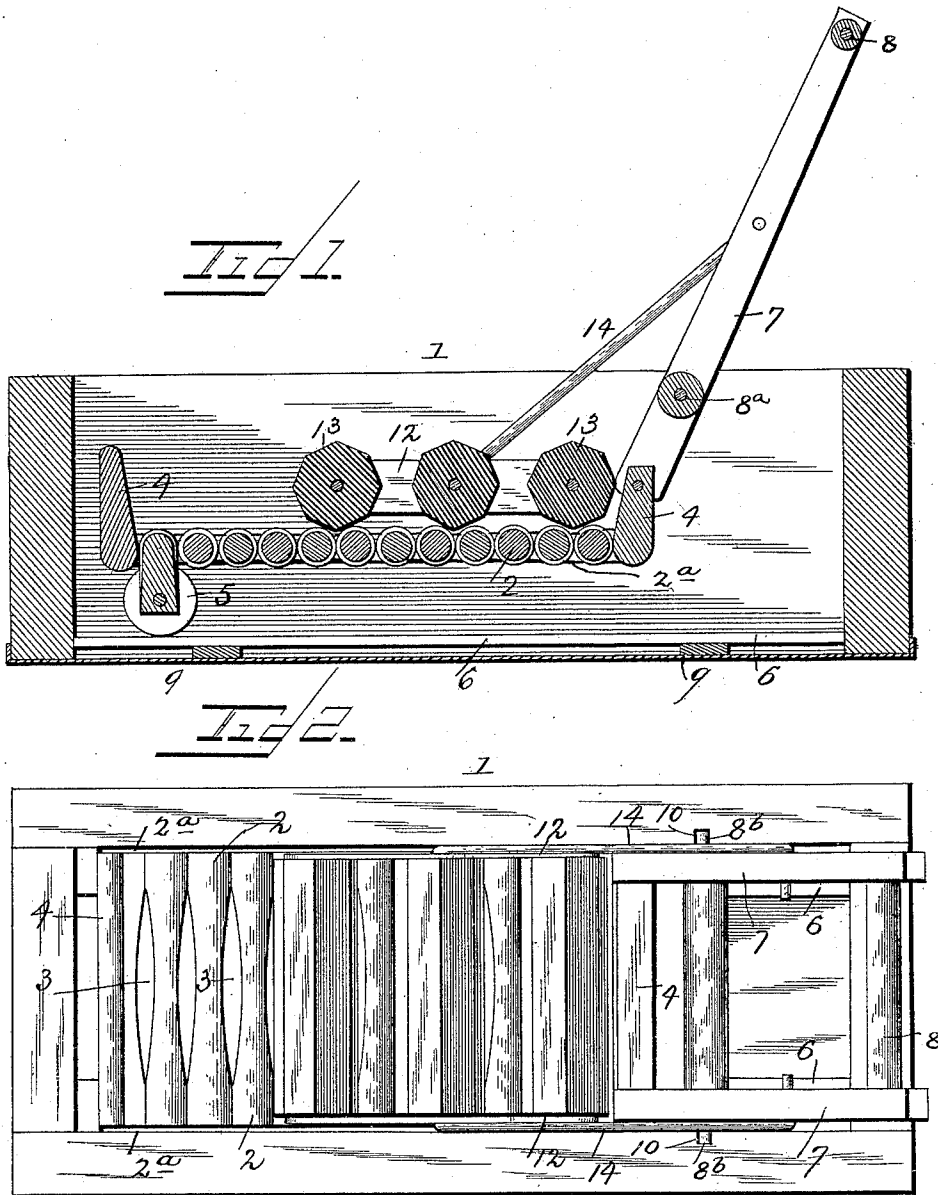


(No Model.)

G. S. TURPEN.
WASHING MACHINE.

No. 469,612.

Patented Feb. 23, 1892.



WITNESSES:

F. L. Ourand.
W. L. Bloomer

INVENTOR:

George S. Turpen,
by James Duggan & Co.
Attorneys

UNITED STATES PATENT OFFICE.

GEORGE SIDNEY TURPEN, OF WEATHERFORD, TEXAS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 469,612, dated February 23, 1892.

Application filed August 26, 1891. Serial No. 403,763. (No model.)

To all whom it may concern:

Be it known that I, GEORGE SIDNEY TURPEN, a citizen of the United States, and a resident of Weatherford, in the county of Parker and State of Texas, have invented certain new and useful Improvements in Washing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in washing-machines, the object being to provide a machine of this character which shall be simple and economical in construction and reliable and efficient in use.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a central longitudinal section of a washing-machine constructed in accordance with my invention. Fig. 2 is a plan view of the same.

In the said drawings, the reference-numeral 1 designates a suds-box, preferably rectangular in form, although it may be made in any other shape found convenient or desirable.

The numeral 2 denotes the bed upon which the clothes are supported, and which is capable of being reciprocated back and forth in the suds-box. This bed consists of a number of transverse wooden cylinders or bars connected together at the ends by means of horizontal bars 2^a. These bars are made slightly tapering from each end toward the center, so as to form spaces 3, which serve as passageways for the water and the dirt removed from the clothes. At each end the bed is provided with upwardly-extending guards 4, which prevent the clothes from falling off the bed, and on the under side at one end are rollers 5,

which run upon longitudinal bars 6, connected together by transverse bars 9, which rest upon the bottom of the suds-box. These bars, however, may be dispensed with, if desired, and the rollers rest directly upon the suds-box bottom. To the guard at the opposite end of the bed is pivoted a lever consisting of the side bars 7 and transverse bars 8 and 8^a. The bar 8 is provided with journals 8^b, which project through the side bars and have their bearings in slots 10 in the edges of the sides of the suds-box. The rubber, between which and the bed the clothes to be washed are held, consists of side plates 12, in which are journaled rollers 13. The side plates are connected with the side bars 7 of the lever by means of rods 14.

The operation is as follows: A suitable quantity of suds is placed in the suds-box and the clothes to be washed are placed upon the bed. By now working the lever back and forth the clothes will be rubbed between the rubber and bed and the dirt removed in a rapid and efficient manner.

Having thus described my invention, what I claim is—

A washing-machine comprising a suds-box, the bed consisting of the transverse cylinders connected together, the upwardly-projecting guards at each end, the rollers journaled at one end of the bed, the lever pivoted at the other end thereof and to the suds-box, the rubber consisting of the side plates and the roller journaled therein, and the rods connecting said rubber to the lever, substantially as described.

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

GEORGE SIDNEY TURPEN.

Witnesses:

E. P. NICHOLSON,
M. STRAIT.