

(No Model.)

W. THORNTON:
CLOTHES WRINGER.

No. 480,297.

Patented Aug. 9, 1892.

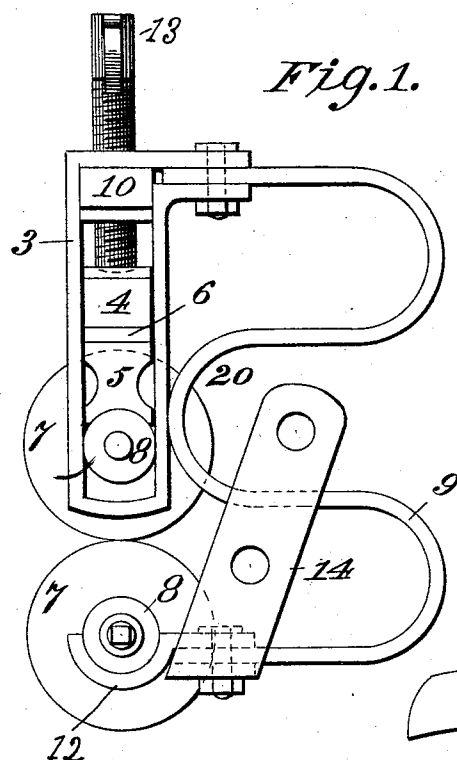


Fig. 1.

Fig. 4. Fig. 3.

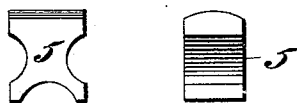
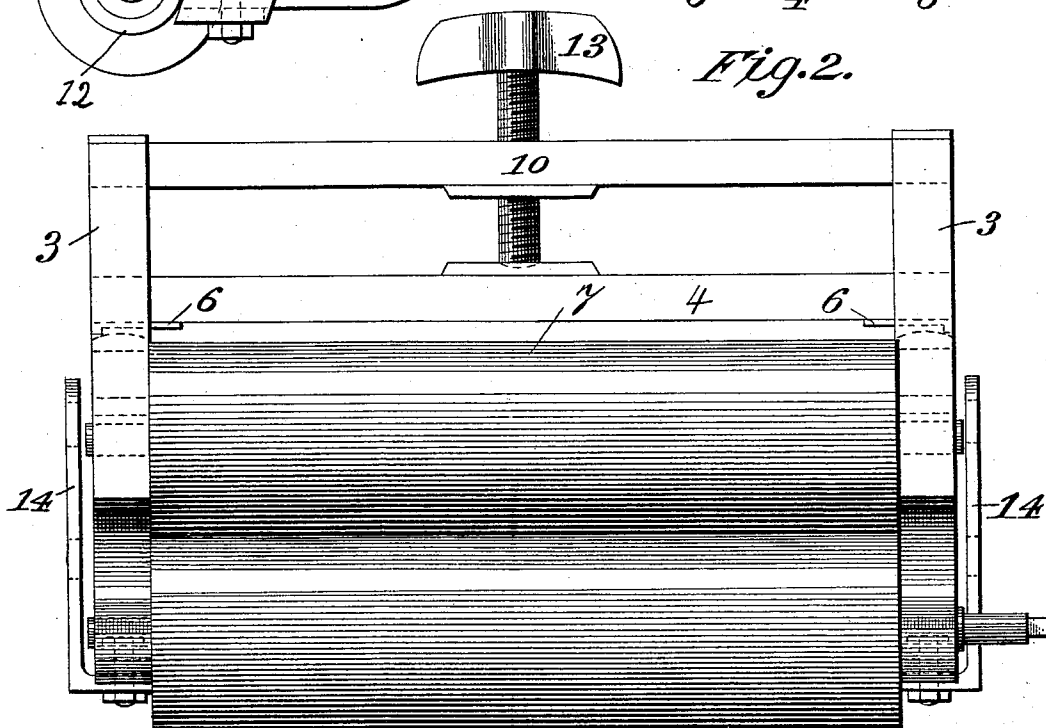


Fig. 5.



Fig. 2.



Witnesses:
Char. F. Luy.
C. M. Gladish.

Inventor:
William Thornton
by W. J. Gladish
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM THORNTON, OF CHATTANOOGA, TENNESSEE.

CLOTHES-WRINGER.

SPECIFICATION forming part of Letters Patent No. 480,297, dated August 9, 1892.

Application filed October 3, 1891. Serial No. 407,619. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM THORNTON, a citizen of the United States, residing at Chattanooga, in the county of Hamilton, in the State of Tennessee, have invented a new and useful Improvement in Clothes - Wringers; 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, and in which—

Figure 1 represents an end view. Fig. 2 is a front view. Fig. 3 is a front view of the top box. Fig. 4 is a side view of the top box, and Fig. 5 is a broken front view of the sliding bar.

Similar letters indicate corresponding parts. The invention consists of the novel construction hereinafter described and claimed.

In the drawings, the figure 20 designates the frame of my clothes-wringer, which is composed of two housings 3 3, a transverse connecting-bar 10, sliding bar 4, boxes 5 5, steels 6 6, and springs 9 9. The springs are made of steel, having several bends. The tops are bolted to the housings 3 3 and the bottom ends are bolted to the bearings 12. The springs are bent so that the middle bends will rest against the bottom ends of the housings 3 3, and thereby support the bottom ends and prevent them from being drawn back by the motion of the rollers 7 7. The boxes 5 5 move up and down in the housings 3 3. At

the lower ends of the springs there are brackets 14 bolted to them, with holes drilled in the brackets, so that they may be bolted to standards or to a bench or a tub to hold the wringer in place when in use. The housings 3 3 are connected at their tops by a transverse connecting-bar 10, which has a thumb-screw 13 in the middle, that bears on the middle of the sliding bar 4, so that by turning the screw the rollers can be brought tightly together or released from pressure. The steel pieces 6 6 are fastened to the sliding bar 4 and are bent at their outer ends, so as to hook over the boxes 5 5 and retain them in place.

The boxes 5 5, Figs. 3 and 4, are made in the shape as shown, the tops of the boxes 5 (see Fig. 3) being rounded.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, in a clothes-wringer, of two rollers, two housings connected at the top to springs having several bends, the middle bend of each spring resting against the lower end of a housing and having the bearings for the journals of the lower roller bolted to the ends of the springs, substantially as herein shown and described.

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

WILLIAM THORNTON.

Witnesses:

LILLIAN P. GLADISH,
I. M. GLADISH.