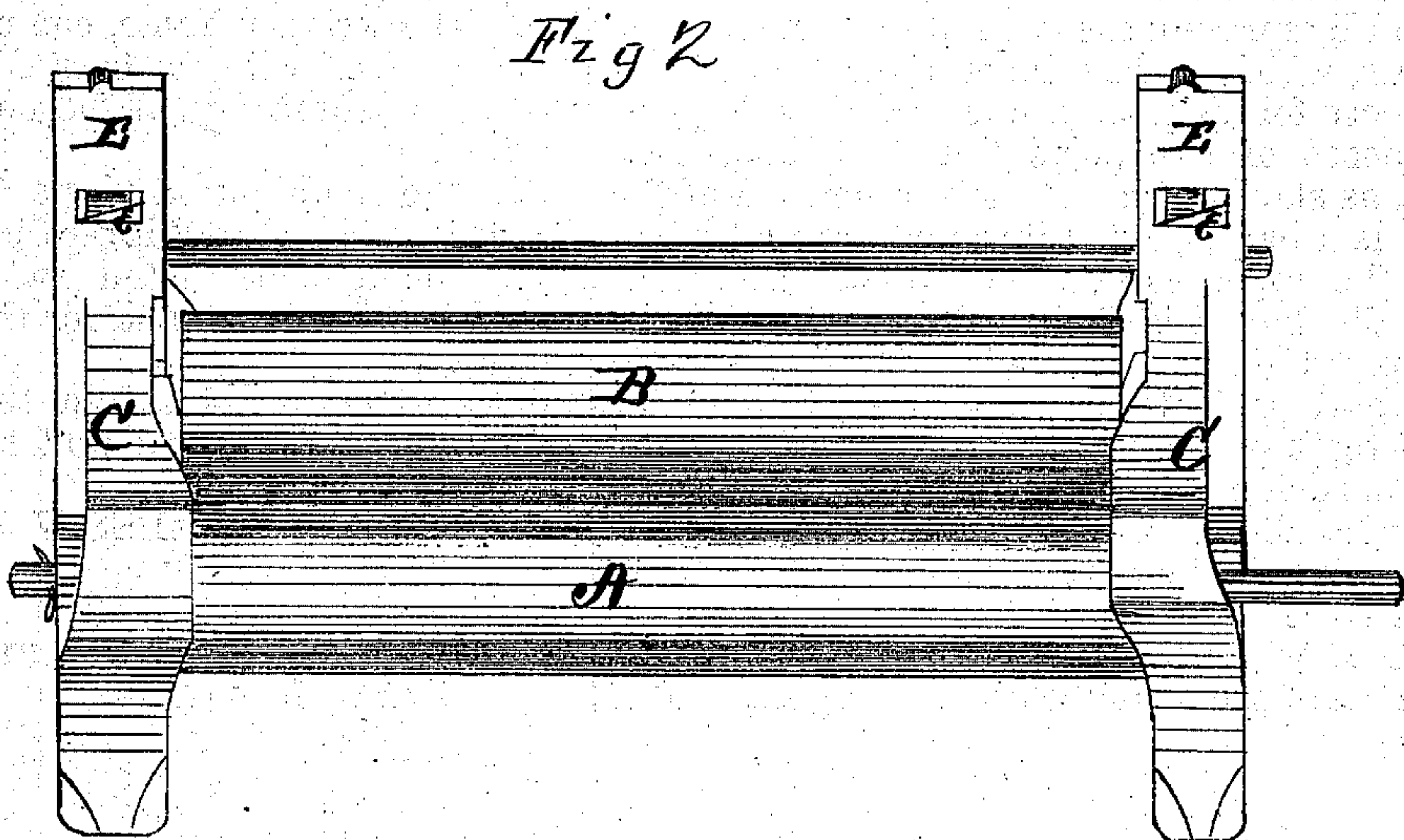
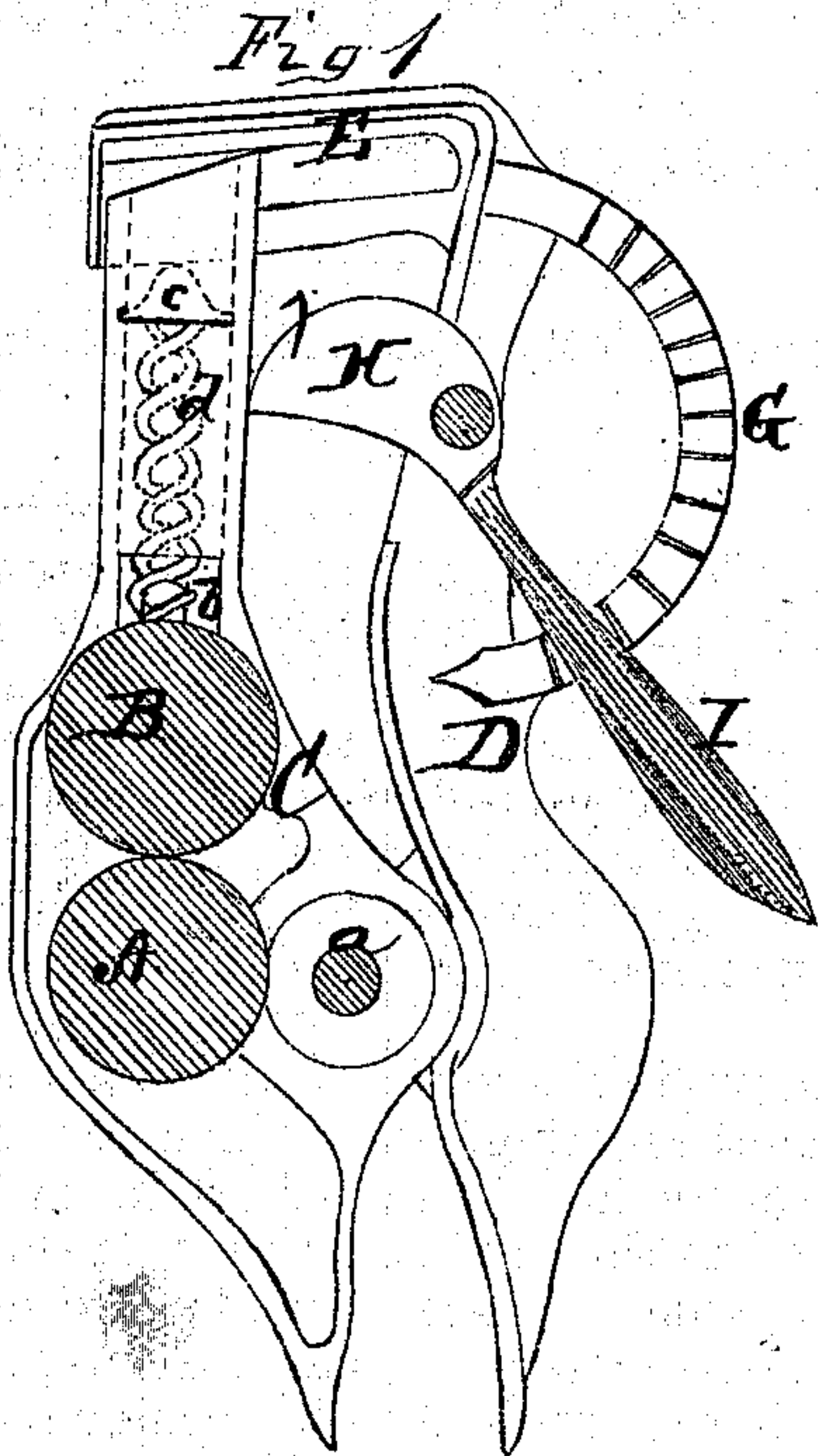


CHARLES V. MEAD.

Improvement in Clothes-Wringers.

No. 119,384.

Patented Sep. 26, 1871.



Witnesses:

F. L. Ousand
C. L. Evert

Inventor

Char. V. Mead.
per Alexander Mason
att'y.

UNITED STATES PATENT OFFICE.

CHARLES V. MEAD, OF TRENTON, NEW JERSEY.

IMPROVEMENT IN CLOTHES-WRINGERS.

Specification forming part of Letters Patent No. 119,384, dated September 26, 1871.

To all whom it may concern:

Be it known that I, CHARLES V. MEAD, of Trenton, in the county of Mercer and in the State of New Jersey, have invented certain new and useful Improvements in Clothes-Wringer; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a clothes-wringer, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a transverse vertical section, and Fig. 2 is a front view of my clothes-wringer.

A and B represent the two rollers of the clothes-wringers, which rollers have their bearings in side pieces forming the frame. Each side piece is composed of two parts, C and D, hinged together, as shown at *a*. At the upper end of the part D is a bar, E, extending forward and into a slot in the upper end of the part C. The front end of the bar E is T-shaped to cover the slot in the part C on the front side. On the rear side of the part D is formed a semicircle, G, with ratchet-teeth on the inner side, and in the center of said semicircle is pivoted an eccentric, H, with lever or handle I. This eccentric bears against the rear side of the part C, so that when the lever I is forced downward the upper ends of the parts C D will be separated, thus closing the lower ends of the same below the hinge *a*; and if

said ends be placed over the edge of a wash-tub, round or square, the wringer will be firmly attached to the same. The levers I I have each a projection to catch in the racks G and thus hold the entire apparatus firmly. The lower roller A has stationary bearings in the parts C of the frame, while the upper roller B has its bearings in movable journal-boxes *b* placed within the upper ends of the parts C, which are made hollow for this purpose. The journal-boxes *b b* are, by means of spiral springs *d*, connected with blocks *e*, which bear against the under sides of the bars E E, so that when the eccentrics H H fasten the wringer to the tub said blocks will at the same time be forced downward, thus bringing the rollers closer together and increasing the tension of the springs *d d*.

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

1. The wringer-frame, composed of the parts C C and D D, with the bars E E hinged together at *a*, substantially as herein shown and described.

2. The combination of the frame C D E, racks G, eccentrics H, and levers I with the rollers A B, all being constructed and arranged to operate substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 3d day of August, 1871.

CHARLES V. MEAD. [L. S.]

Witnesses:

WILLIAM H. C. MURPHY,
JAMES S. AITKIN.

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