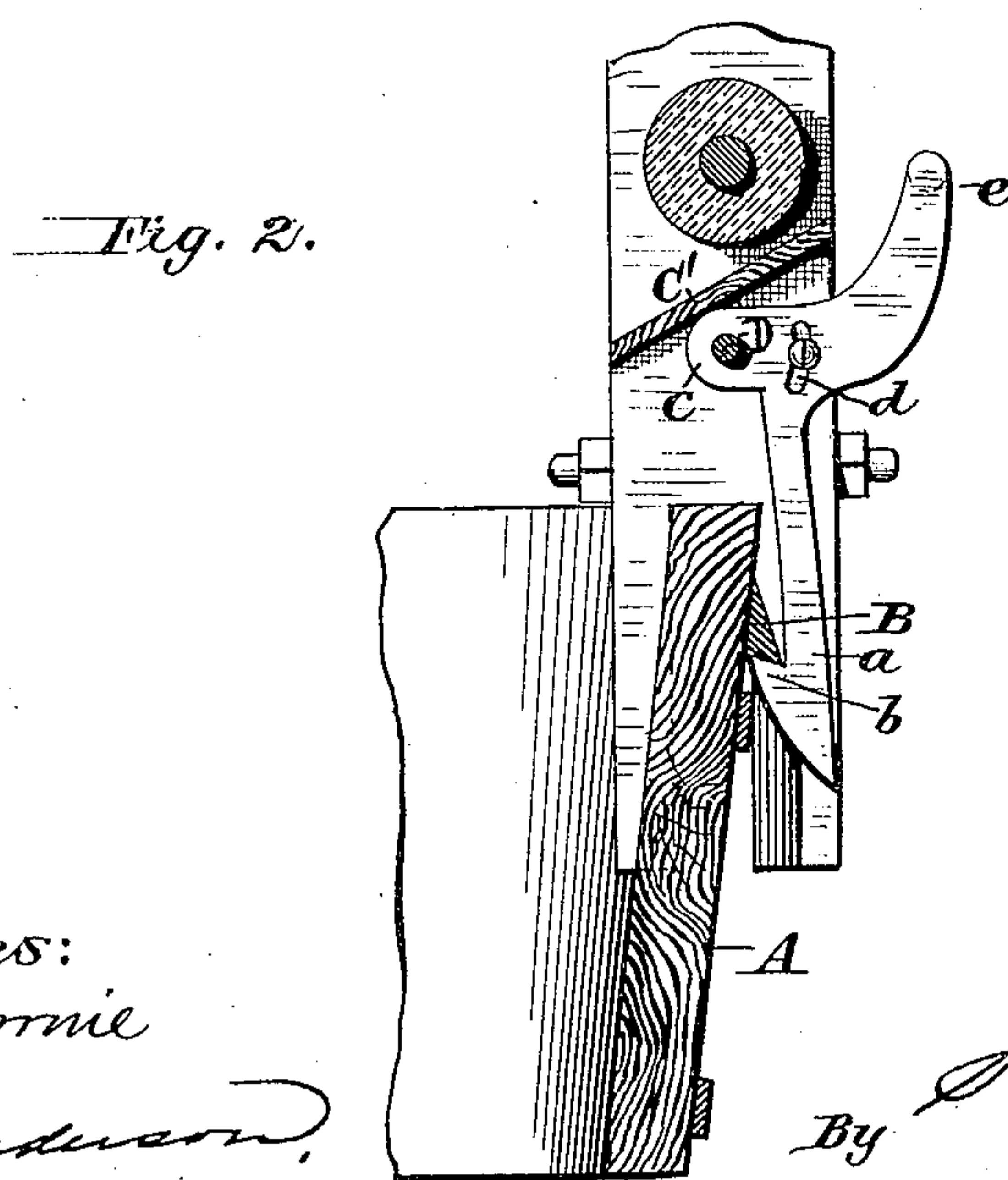
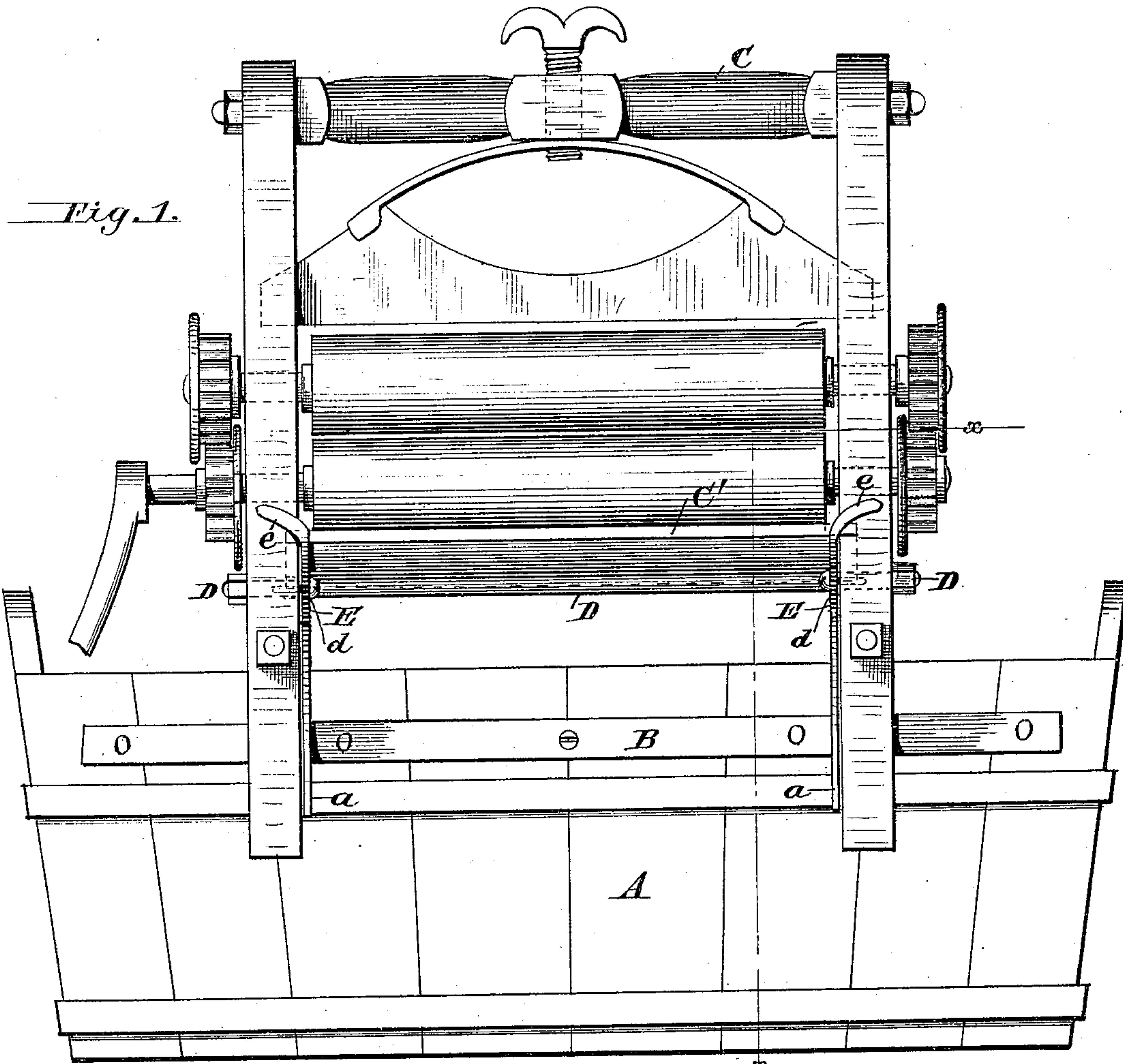


(No Model.)

G. A. CROOKER & B. F. EYER.
Clothes Wringer.

No. 238,764.

Patented March 15, 1881.



Witnesses:

W. D. Perrine
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Inventors.

By

H. S. Abbott.
Atty.

UNITED STATES PATENT OFFICE.

GEORGE A. CROOKER, OF NEWBURG, AND B. FRANKLIN EYER, OF SCOTLAND, PA.; SAID EYER ASSIGNOR TO SAID CROOKER.

CLOTHES-WRINGER.

SPECIFICATION forming part of Letters Patent No. 238,764, dated March 15, 1881.

Application filed October 20, 1880. (No model.)

To all whom it may concern:

Be it known that we, GEO. A. CROOKER and B. FRANKLIN EYER, citizens of the United States, residing at Newburg, in the county of Cumberland, and Scotland, in the county of Franklin, and State of Pennsylvania, have invented certain new and useful Improvements in Clothes-Wringers; and we 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

The object of our invention is to construct an automatic device for the rigid attachment of a clothes-wringer to the side of a tub; and it consists more particularly of a beveled metal cleat attached to the staves of a tub and gravity-latches attached to a wringer, as will be hereinafter more fully set forth.

Figure 1 is an elevation of a tub and wringer, showing our invention; and Fig. 2 is a section taken upon the line $x x$ of Fig. 1.

A represents an ordinary tub, to the outside of which we attach a beveled metal cleat, B, by means of wood-screws passing through the cleat and entering each stave, or by any other suitable means. The cleat B is in length about one-third the diameter of the tub and of any suitable breadth and thickness. We prefer to have it about an inch broad and beveled from an edge on top to about one-fourth of an inch in thickness at the bottom, to receive and hold the latch. The bottom of the cleat, being at a right angle with the back, presents an inclined surface for the catch when the cleat is attached to the inclined side of a tub, as shown in Fig. 2 of the drawings, thus adding to the security of the fastening.

C represents an ordinary clothes-wringer having two standards and the usual braces and tie-rods.

On the tie-rod D, next to the standards, are hung two gravity-latches, E E. (We prefer to hang these latches on the tie-rod on the inside of the standards; but if preferred they may be hung to the tie-rod on the outside of the standards, or they may be pivoted to the standards

by other means than the tie-rod.) The latches E are alike, and each is constructed with a dependent arm, a , the lower end of which is provided with a projection, b , to engage the cleat B, a backwardly-projecting arm, c , for pivotal attachment to the tie-rod, and an outward and upwardly projecting arm, e , as a lever for disengaging the projection b from the cleat B.

It will be observed that this form of construction places the pivot of the latch some distance back of the arms a and c and the point of contact with the cleat, thereby using the element of gravity and making the latch automatic in its action.

The slot d and screw are used to limit the play and hold the catch E in the precise position required to have the lower end of the arm a strike the beveled edge of the cleat B, and descend to its place and engage the cleat, as shown in Fig. 2 of drawings. This staple embraces the arm a and enters the standard.

In operating our device, lift the wringer by the upper brace by one hand and set it down astride of the staves of a tub, and it will assume the proper position, as shown in Figs. 1 and 2 of drawings, securely and rigidly fastened without further trouble. To release it, clasp both of the standards with the hands so that the fingers embrace the arms E, compress the arms, and lift up the wringer, and it is ready to be put on another tub. In view of the fact that a wringer must be attached and detached to tubs from eight to sixteen times in doing a day's washing, this celerity of movement becomes very important to the operator.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The combination of a wringer, C, a rod, D, gravity-latches E E, a beveled cleat, B, and tub A, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

GEO. A. CROOKER.
B. F. EYER.

Witnesses:

JOHN W. MAHON,
DAVID A. BEAM.