

L. BECKER.
Clothes-Wringers.

No. 150,514.

Patented May 5, 1874.

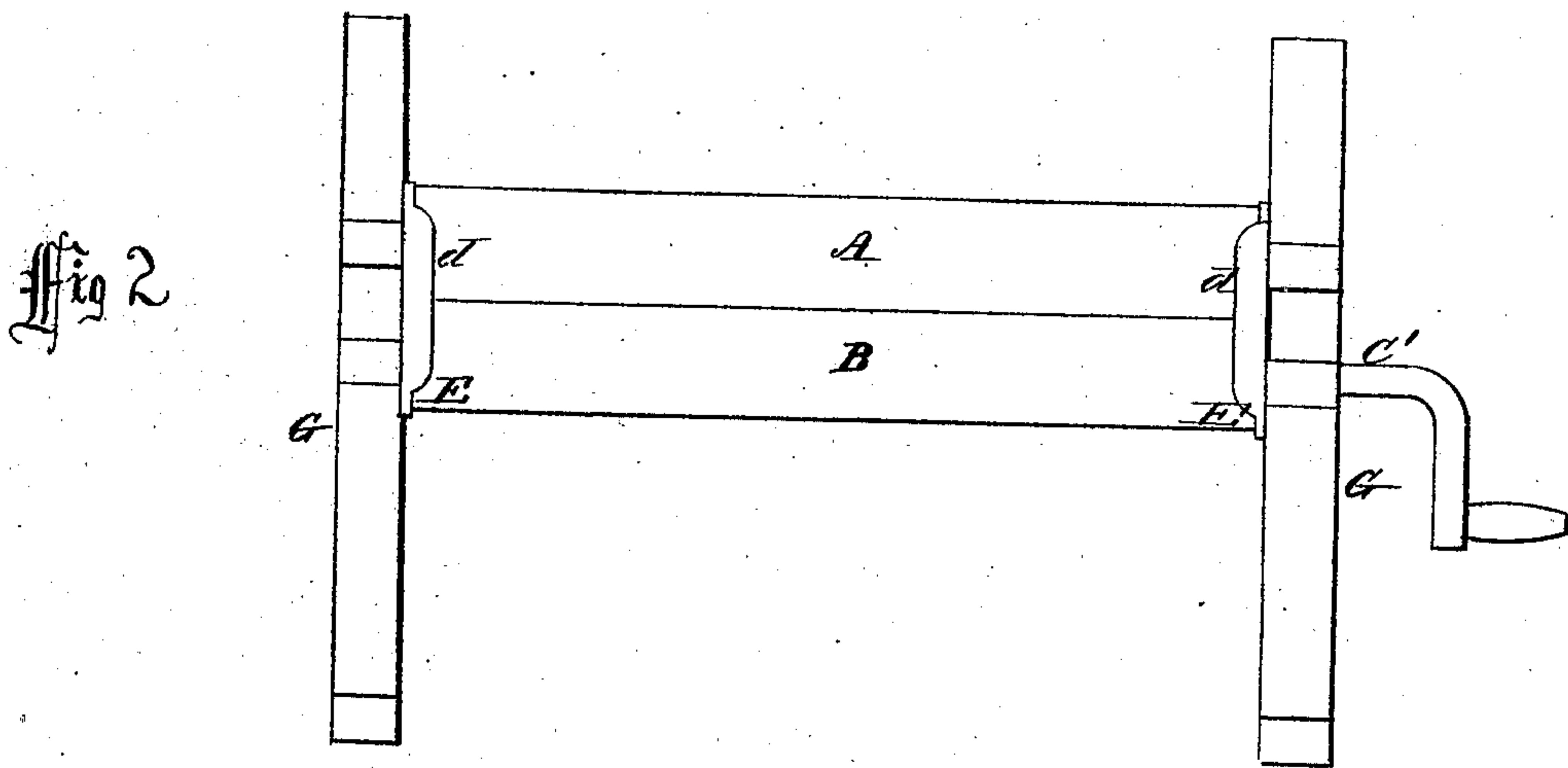
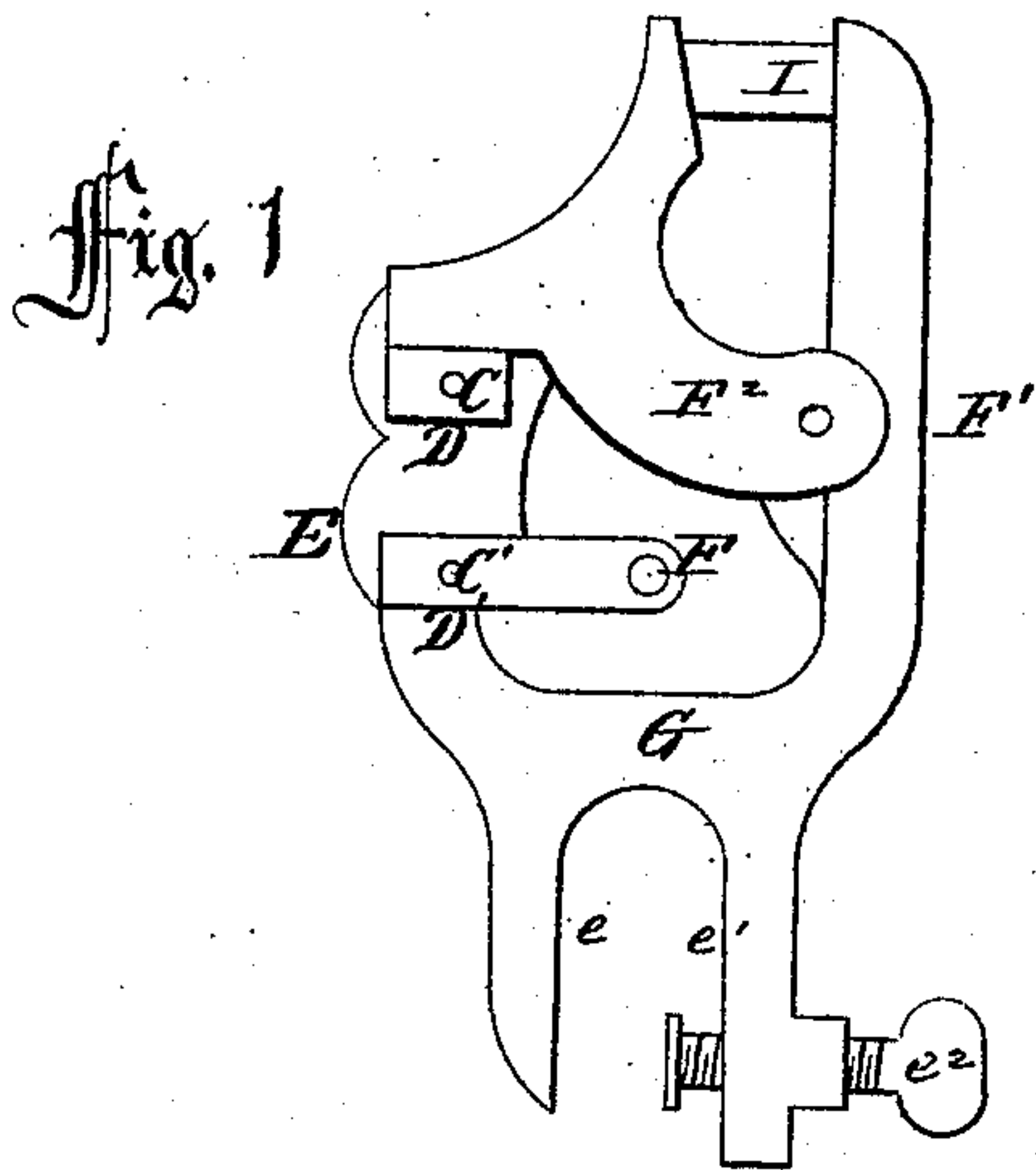
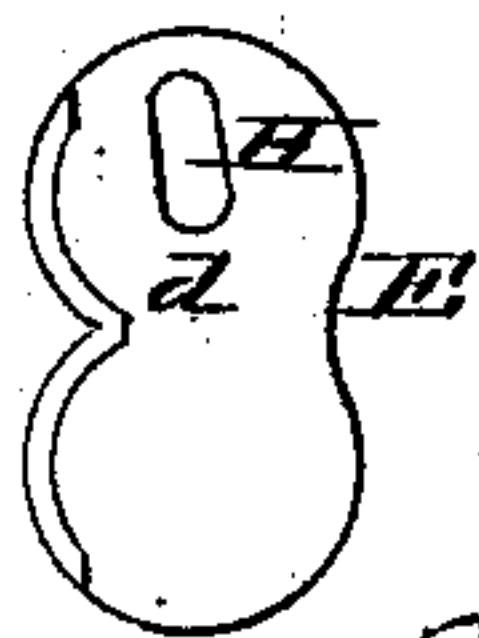


Fig. 3



Leander Becker

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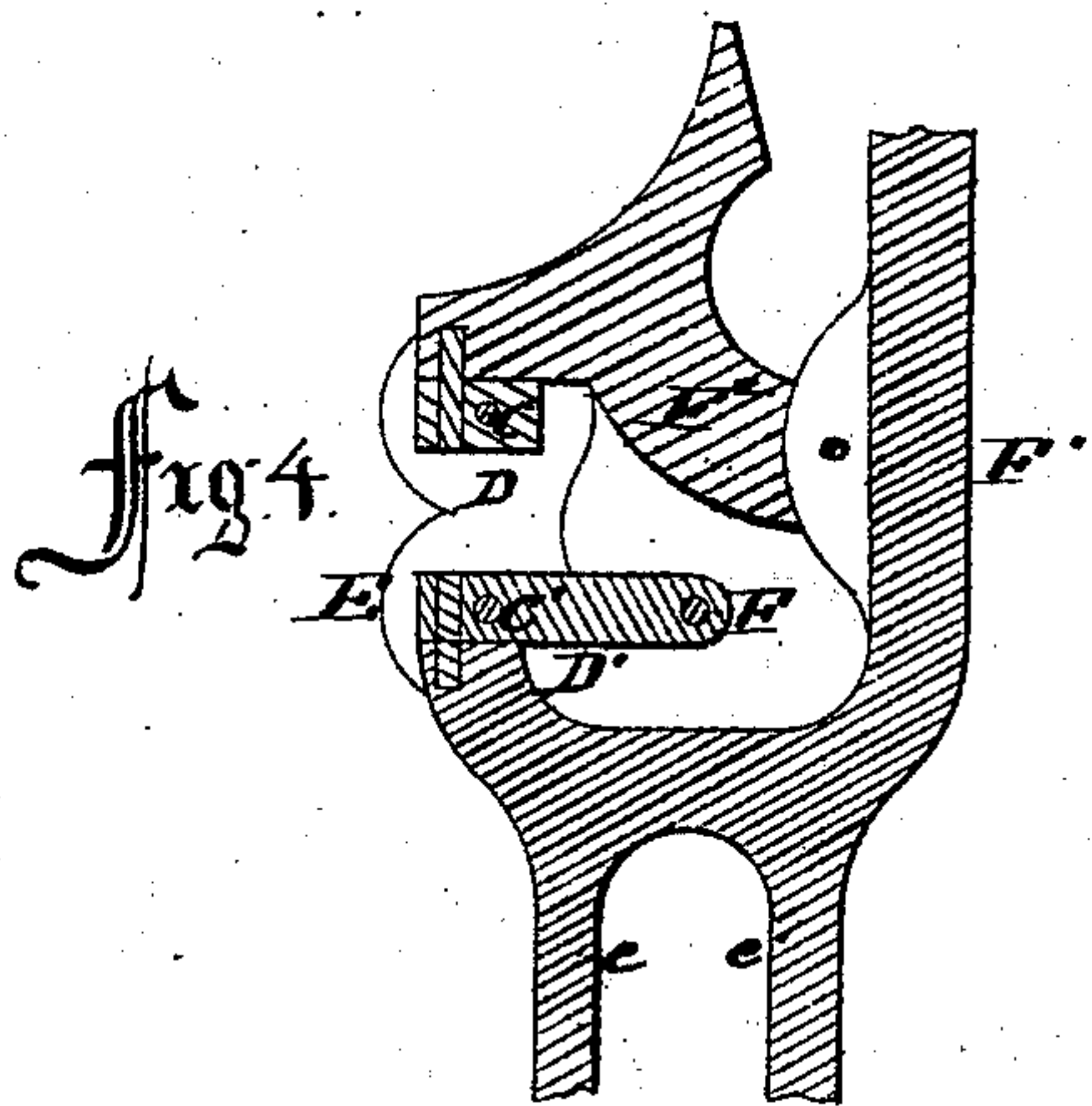
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2 Sheets--Sheet 2.

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UNITED STATES PATENT OFFICE.

LEANDER BECKER, OF YORK, PENNSYLVANIA.

IMPROVEMENT IN CLOTHES-WRINGERS.

Specification forming part of Letters Patent No. 150,514, dated May 5, 1874; application filed February 27, 1874.

To all whom it may concern:

Be it known that I, LEANDER BECKER, of York, in the county of York and State of Pennsylvania, have invented certain new and useful Improvements in Clothes-Wringers; and I 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is an end view of my invention. Fig. 2 is a side view, and Fig. 3 is a detail view. Fig. 4 is a vertical sectional view through the frame-castings at one end of the machine.

This invention has relation to clothes-wringers; and consists in the novel construction and combination of parts, as hereinafter specifically described and claimed.

Referring to the accompanying drawings, A B designate, respectively, the upper and lower wringing-rolls, made of any suitable material. C C' designate the shafts of said rolls, journaled to the boxes D D', and passing through plates E E, arranged between said boxes and the ends of the rolls, and provided with double segmental flanges *d d*, projecting inwardly from the outer edges of the plates, coinciding with the cylindrical shape of the rolls, and forming fenders or guards, to prevent the clothes from being dragged down between the ends of the rolls and the plates. The shaft C' is extended at one end, to receive a crank for operating the rolls. F is a transverse rod, for supporting the clothes and guiding them from the rolls. Said rod is supported by extensions of the box D', as shown. G G designate the castings constituting the main frame of the wringer. *e e'* represent arms depending from the frame-castings, to embrace the

edge of the wash tub or box of a washing-machine, to which the wringer is secured by means of a thumb-screw, *e*², arranged as shown. To the uprights F¹ of the frame-castings are hinged, about midway between the depending arms *e e'* and the top of said uprights, the arms F². The arms F² and castings G are, respectively, pivoted to the boxes D D', so that the frame may be adjusted laterally, to adapt the wringer to tubs of different sizes, or washing-machines of different shapes and sizes. H H designate curved slots in the plates E E, through which pass the ends of the shaft of the upper roller, so arranged in order that said roller may adjust itself to the bulk of the clothes passing under it. The desired pressure is exerted upon said adjustable roll by means of the india-rubber springs I, interposed between the upper extensions *f* of the arms F² and the uprights F¹, as shown.

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

1. The combination, with the castings G, having the pendants *e e'* and upright F¹, of the arms F², pivoted to said uprights, and resting on or attached to the boxes D, and the springs I, interposed between the pivoted arms and uprights, substantially as described and shown.

2. In combination with the arms F², provided with pivots, as shown, the castings G and journal-boxes D D', as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of February, 1874.

LEANDER BECKER.

Witnesses:

GEO. G. HYDE,
ELIAS EYSTER.