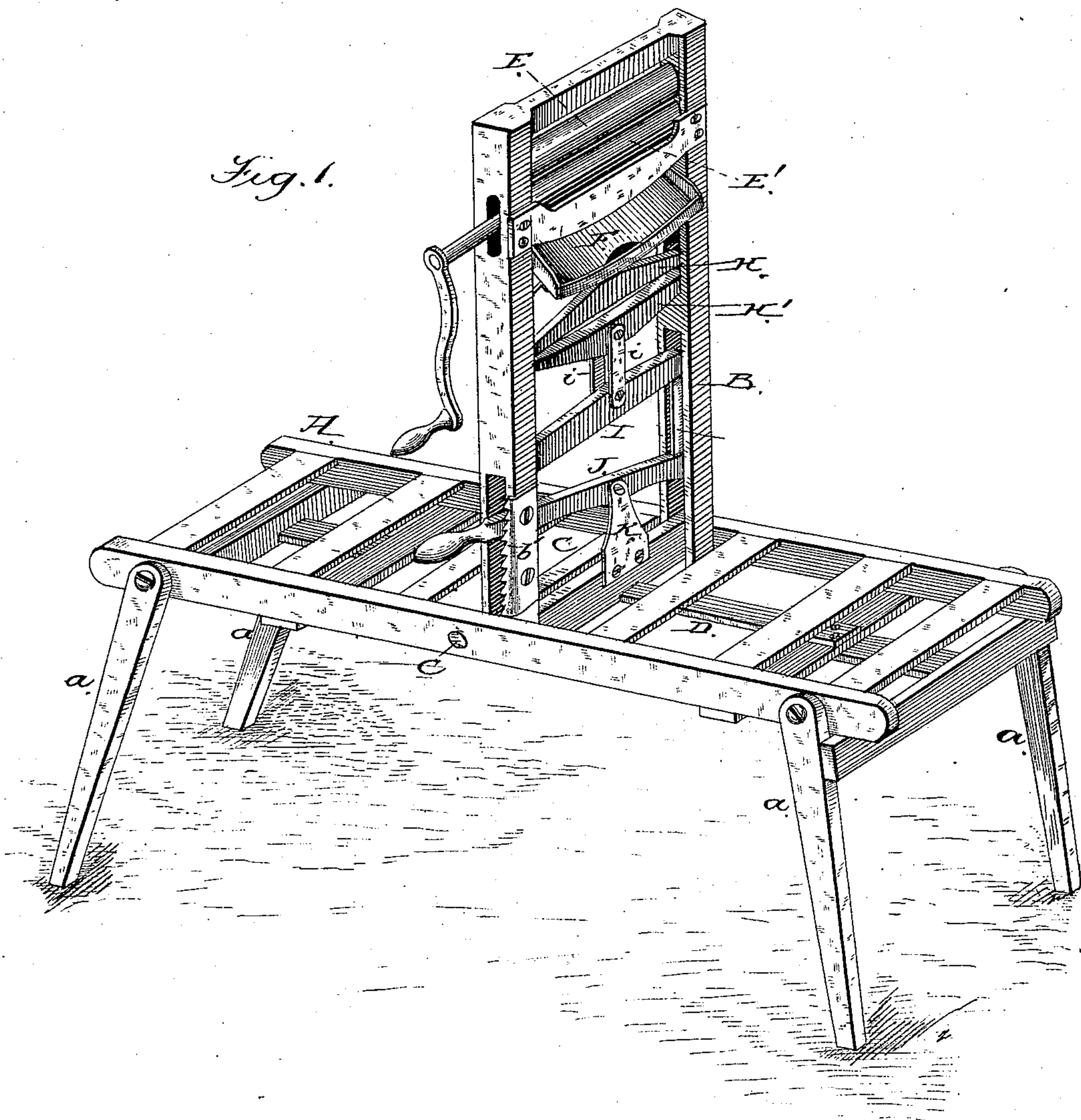


H. A. GORE.
Wringer.

No. 226,399.

Patented April 13, 1880.



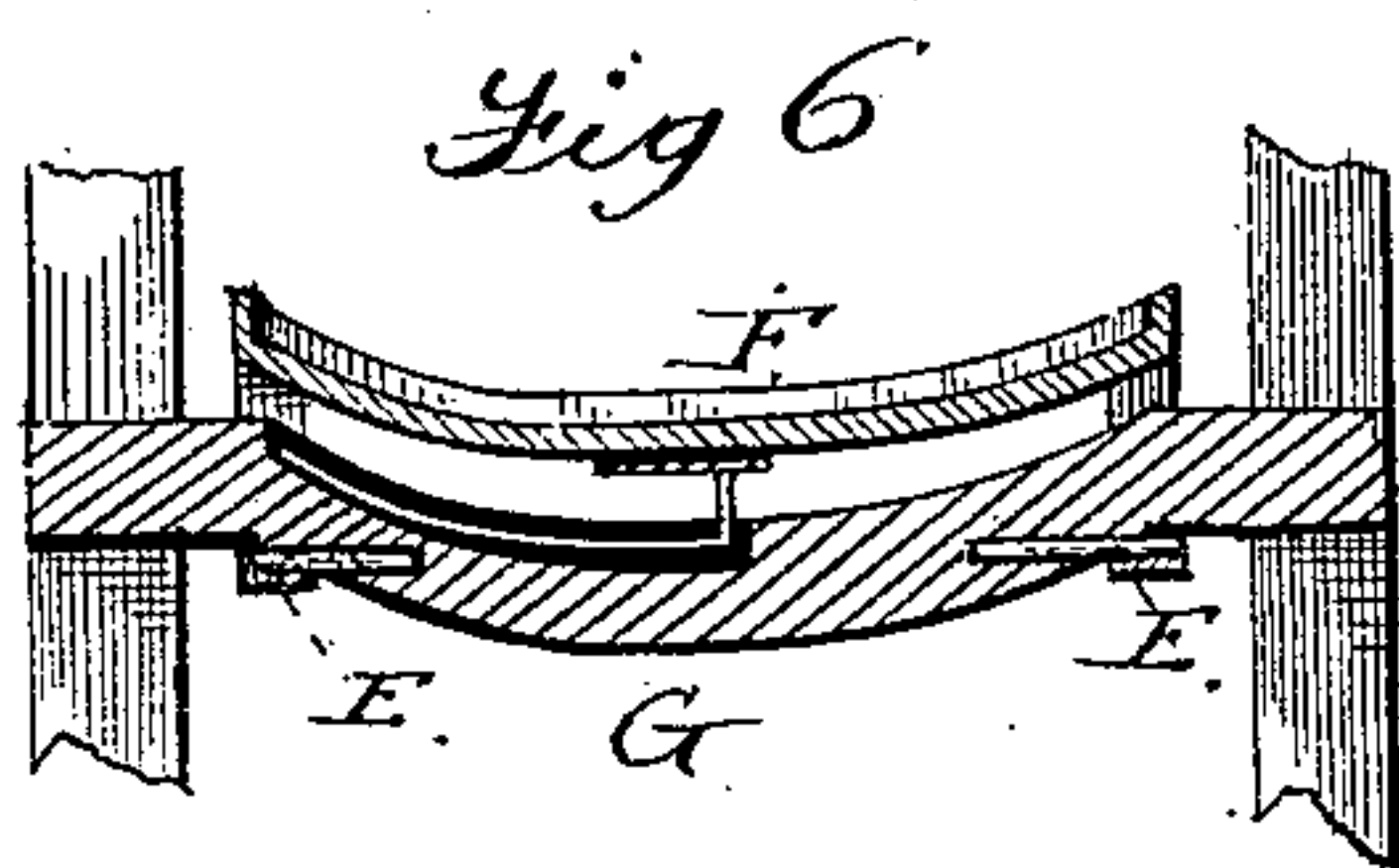
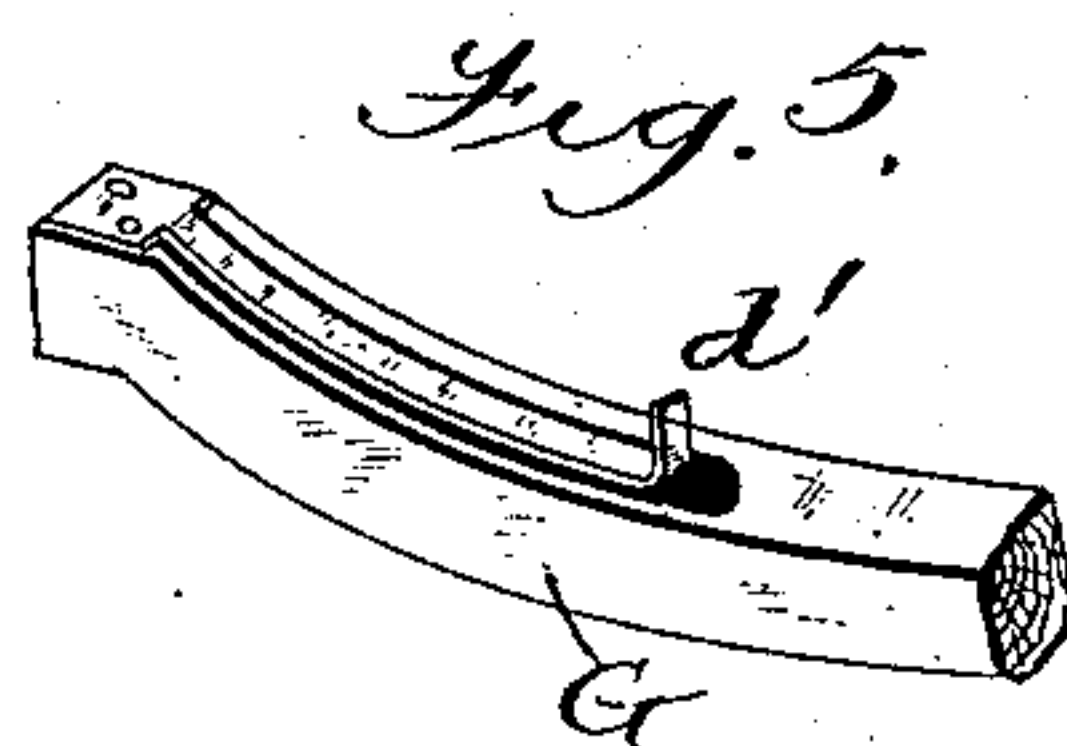
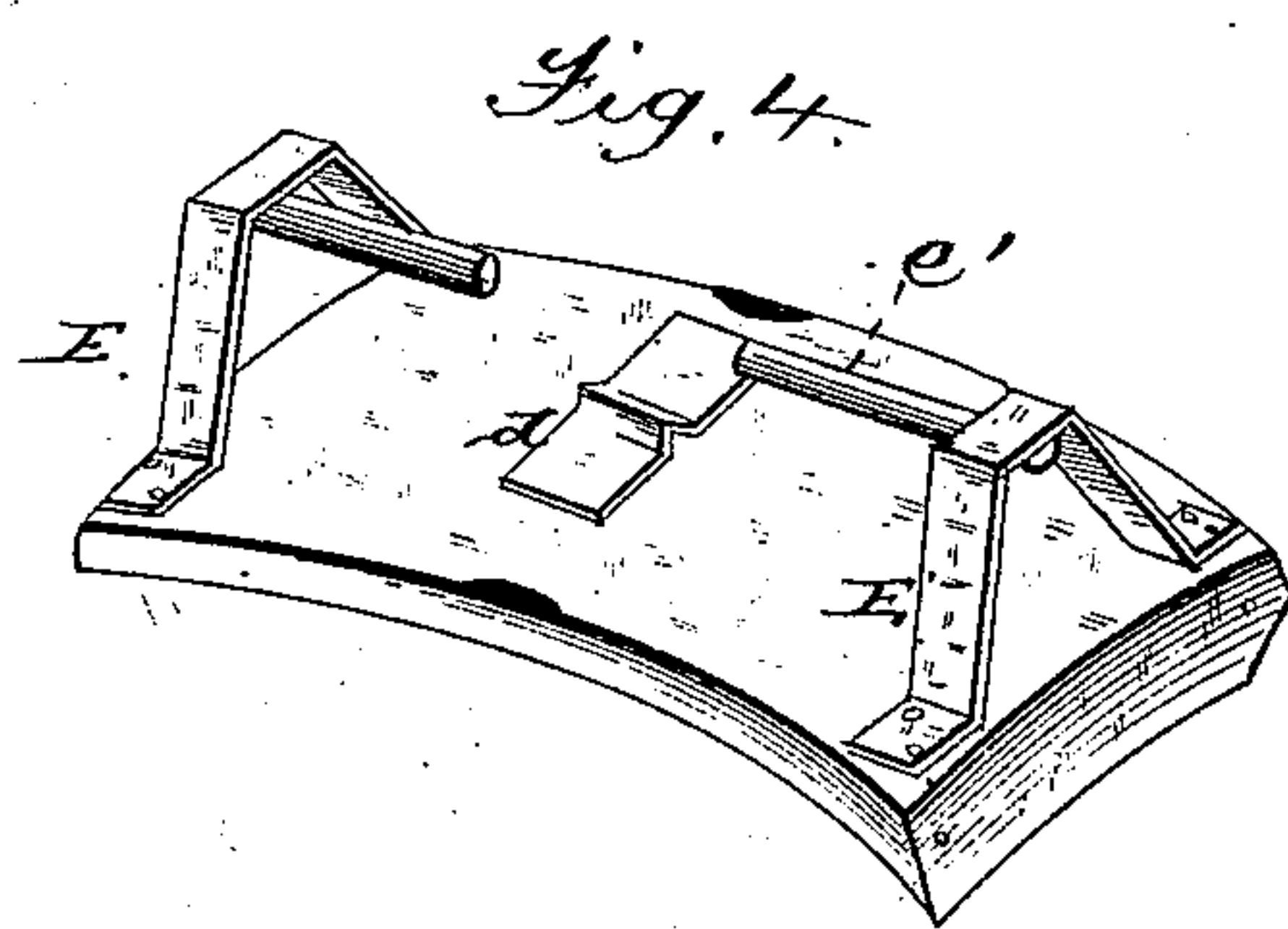
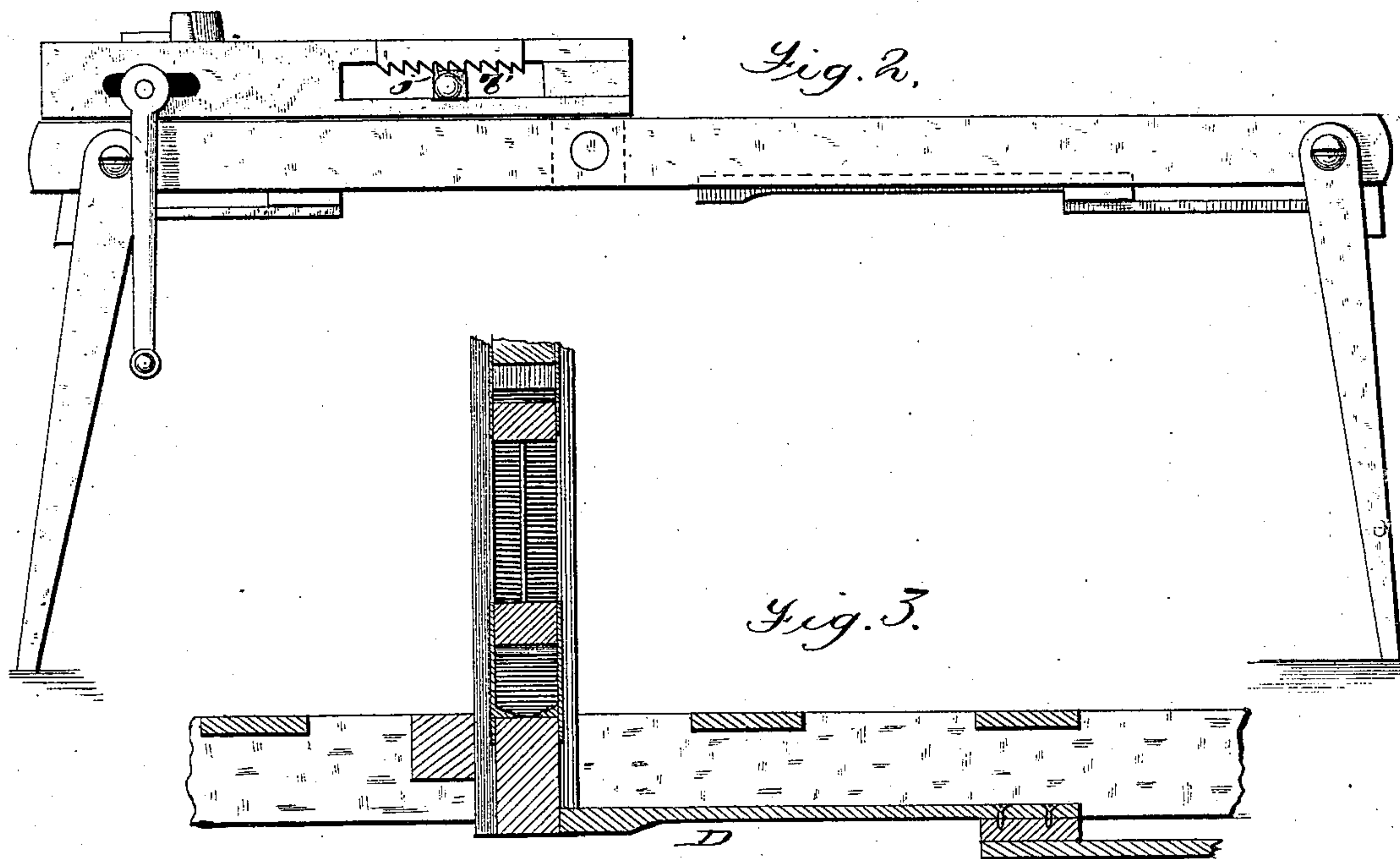
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UNITED STATES PATENT OFFICE.

HENRY A. GORE, OF GOSHEN, INDIANA, ASSIGNOR OF ONE-HALF OF HIS
RIGHT TO CHARLES W. WALKER.

WRINGER.

SPECIFICATION forming part of Letters Patent No. 226,399, dated April 13, 1880.

Application filed January 3, 1880.

To all whom it may concern:

Be it known that I, HENRY A. GORE, of Goshen, county of Elkhart, and State of Indiana, have invented a new and useful Improvement in Wringers; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, and in which—

10 Figure 1 is a perspective view of a wringer with my improvements attached. Fig. 2 is a side view with the wringer folded. Fig. 3 is a partial section through *x x*, (the spring.) Fig. 4 is a partial section through *y y*. Figs. 5 and 15 6 are details referred to.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

20 In the drawings, A represents a stand or table, to which the wringer is secured. This table is provided with the folding legs *a a*.

The frame-work B is rigidly secured to the shaft C, which has its bearings *c* in the frame-work of the table. By this construction it is 25 evident that as the frame B is folded down, as shown in Fig. 2, the frame will be allowed to lie parallel to and flat upon the surface of the table.

30 To a cross-beam of the table I secure the spring D, which, bearing against the lower edge of the frame B, as shown in Fig. 1, holds the frame in an upright position.

When it is desired to fold down the frame 35 B it is only necessary to depress the spring D below the edge of the frame, and the frame is then free to turn with the shaft C and fold back on the table.

40 Within the frame B are journaled the wringing-rolls E E', the latter provided with an ordinary crank-arm for operating the same. Immediately beneath these rolls is secured the adjustable drip-pan F, so arranged that the water may be led to either side of the frame, 45 as may be desired. On the bottom of this pan, and near its center, I secure the double-faced cam *d*, which works over the pin *d'*, placed below the center of the curved cross-bar G.

50 Below and attached to each end of the drip-

pan are the yokes *e*, rigidly attached to the spring-bar *e'*, passing longitudinally into the ends of the curved cross-bar G.

It is evident from this construction that the drip-pan cannot remain on a horizontal plane, 55 but will be at an incline on the one side of the frame or the other, as may be desired.

The pan itself is constructed with a curved bottom, so as to throw the water to the center, and in this curve it corresponds to the 60 curve of the bar G.

Around the pan is a raised edge to prevent the escape of the water except through the openings *f*.

Below the cross-bar G are the double spring- 65 bars H H', the former, at its center, bearing against the cross-bar G, and at its ends against H', which is, in turn, connected to the lever I by the pivoted arms *i*. The lever I is operated by means of the lever J, pivoted to the post 70 K. The lever J is provided with the pawl *j*, which catches in the ratchet-teeth *b'*, secured to the frame B, as shown in Fig. 1.

It is evident that by means of this lever, with the pawl and ratchet, the wringer may 75 be adjusted to any pressure required, the several parts moving vertically in grooves on the inner side of the main uprights of the frame B.

Having thus explained my invention, what I claim as new, and desire to secure by Let- 80 ters Patent, is—

1. The stand or table A and frame B, rigidly secured to the shaft C, journaled in the table, whereby the frame is capable of being 85 folded back on the table, in combination with the spring D, all constructed and arranged to operate substantially as and for the purpose set forth.

2. The curved drip-pan F, provided on its bottom with the double-faced cam *d*, the yoke 90 *e*, and pivotal bar *e'*, in combination with the curved cross-bar G, provided with the central pin, *d'*, all constructed to operate substantially as and for the purpose set forth.

Witness my hand this 25th day of Decem- 95 ber, A. D. 1879.

HENRY A. GORE.

Attest:

M. I. BECK,
A. J. CARMIER.