

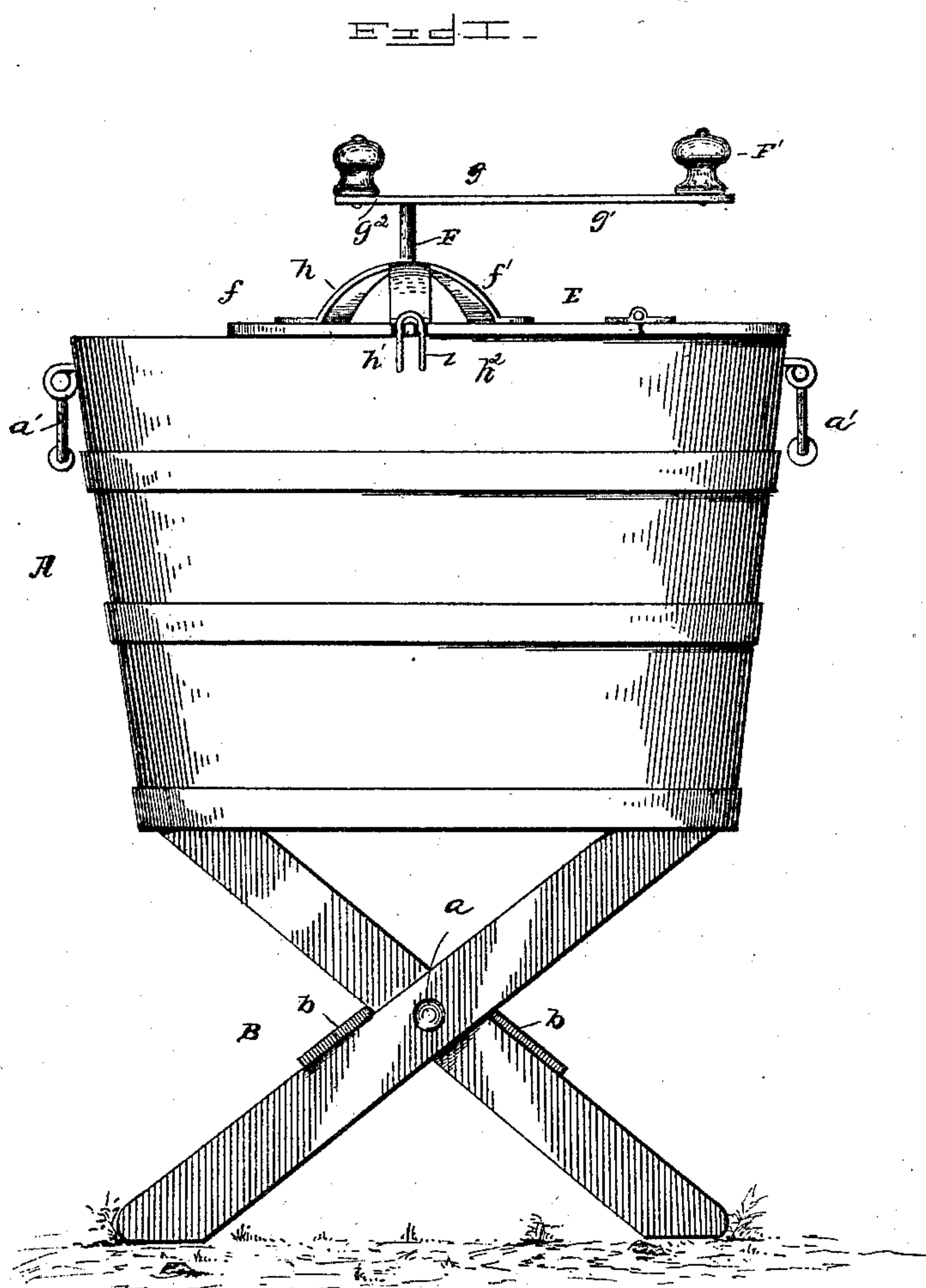
(No Model.)

2 Sheets—Sheet 1.

G. LAUBE.
WASHING MACHINE.

No. 427,582.

Patented May 13, 1890.



Witnesses
 Myron Myers
 Paul D. Stevens

Godfried Laube Inventor
By his Attorneys Myers & Co

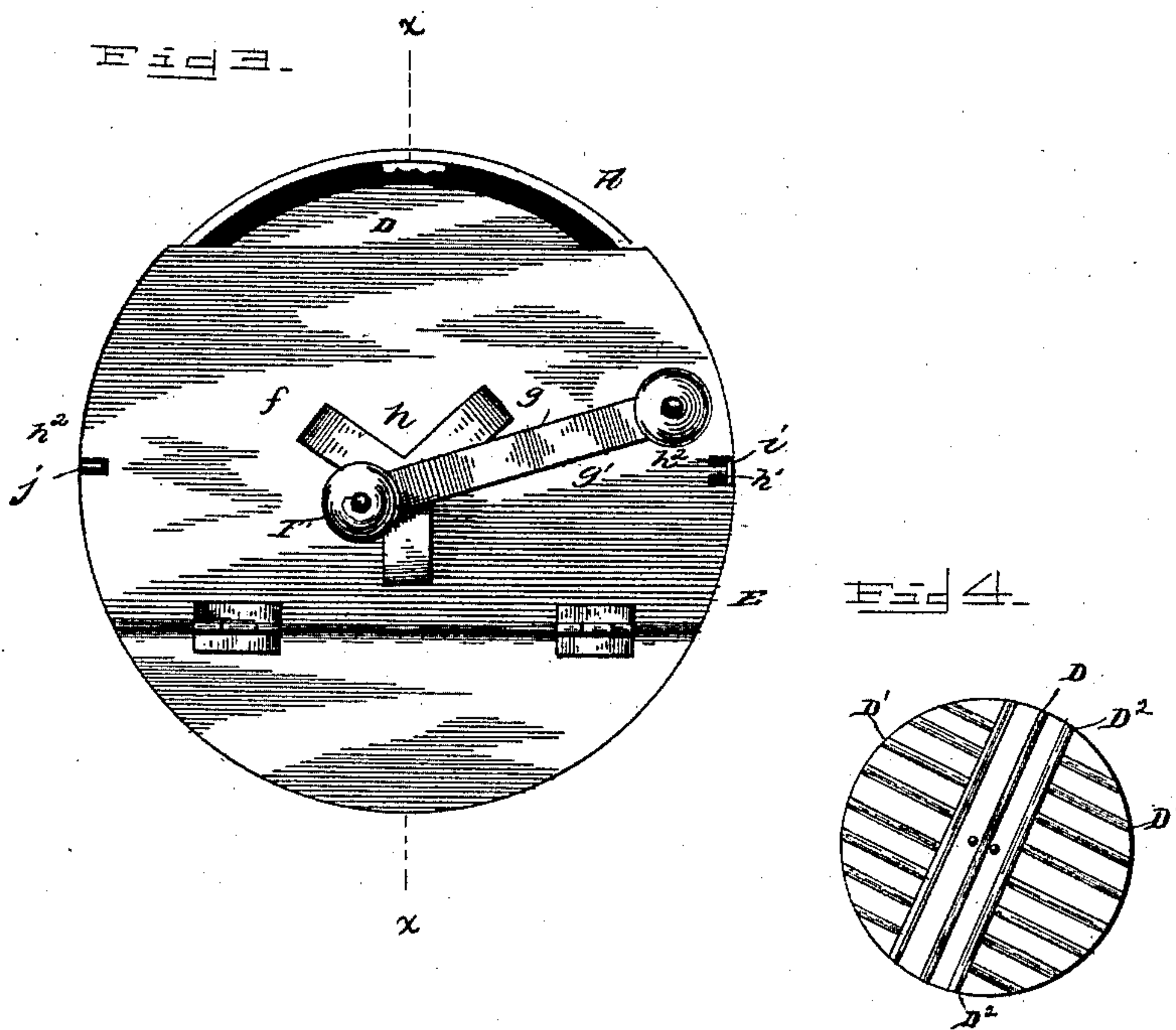
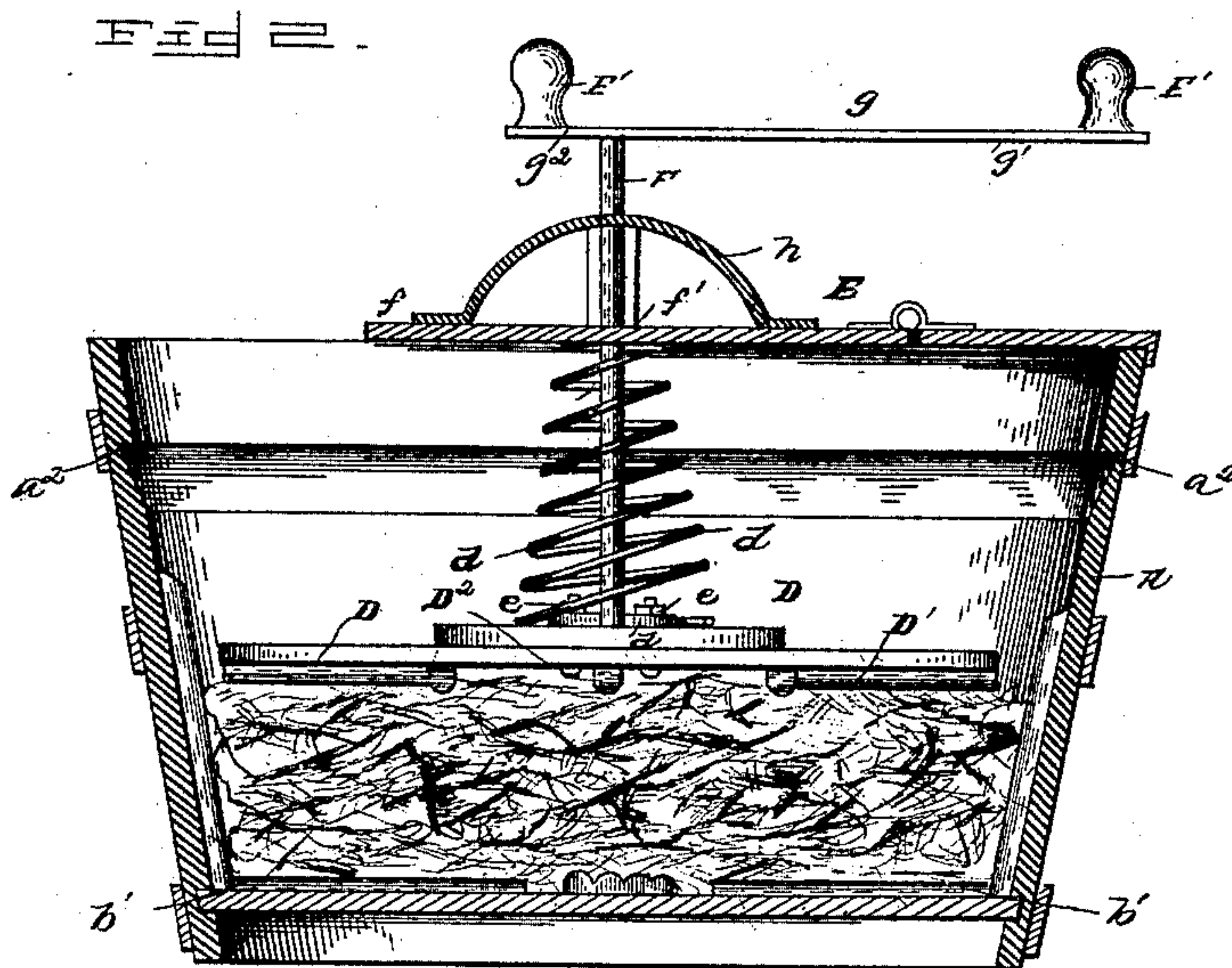
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UNITED STATES PATENT OFFICE.

GODFRIED LAUBE, OF HURON, (DAKOTA TERRITORY,) SOUTH DAKOTA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 427,582, dated May 13, 1890.

Application filed October 28, 1889. Serial No. 328,423. (No model.)

To all whom it may concern:

Be it known that I, GODFRIED LAUBE, a citizen of the United States of America, residing at Huron, in the county of Beadle and Territory of Dakota, have invented certain new and useful Improvements in Washing-Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The object of my invention is to produce a highly-efficient and comparatively inexpensive family washing-machine; and the invention consists in the peculiar construction, combination, and arrangement of the
15 parts, substantially as hereinafter more fully shown and described.

In the accompanying drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a cross-section on the lines $x x$ of Fig. 3, and
20 Fig. 3 is a plan view thereof. Fig. 4 is an inverted plan view of the rubber.

The tub A of my washing-machine having outlet-cock A' may be made in any suitable or ordinary manner. In practice it is supported upon stool B, consisting of two pairs
25 of legs hinged together by means of pivotal bar a , and when spread apart secured in position by contact with cross-bars $b b$.

The bottom of tub A is provided with horizontal ribbed strips $b' b'$, which converge toward the center of the tub, and its inner walls are provided with similar vertical strips suitably spaced apart. Tub A, having handles a' , is also provided near the top on its
35 inner periphery with an inclined groove, forming a fender a^2 , which is designed to prevent its fluid contents from being splashed over the top of the tub when agitated. As water splashed from a tub by agitation thereof is
40 thrown against the inner wall of the tub and thence over it, fender a^2 serves to arrest the same, and thus retains the water in the tub under the agitation to which in practice it is subjected.

45 My washing-machine rubber D consists of a disk-shaped board having disposed thereon between it and the lid E a spiral spring d ,

which is designed to force wooden rubber D beneath the water. The ends of spiral spring d are secured to lid E at top, and also to rubber D at bottom, by any ordinary mechanical expedient. On the lower face of rubber D is provided a series of ribs D' and D^2 , the former projecting across the bottom of the disk and the latter between rib D' and the edge of the
55 disk, as shown.

To rubber D shaft F is rigidly secured by means of nutted bolts $e e$ and re-enforcing-strip d' . Shaft F, which projects through a corresponding aperture in lid f , is provided
60 with double crank g , having a long arm g' and a short arm g^2 , the former for rotating rubber D with one hand, and the latter for simultaneously and suitably compressing the clothing with the other hand, said crank being rigidly secured to shaft F. Crank g
65 is provided with wooden handles F' . Shaft F is disposed in an orifice in metallic guide h , which guide projects above lid f , and thus prevents the cranks from being brought in contact
70 therewith. Lid f has formed in its edge on one side two notches cut a short distance apart to form a tongue h' , over which fits a wire loop or staple i , and in its edge opposite thereto a single notch, which has projecting
75 therethrough lengthwise staple j . It will be seen that by the insertion of a pin in staple j the lid will be held securely in position and may be readily removed when desired.

Having thus fully described my invention, 80 what I claim, and desire to secure by Letters Patent, is—

In a washing-machine, the tub thereof provided with an inclined groove near its top, forming a fender for preventing the water
85 from being splashed therefrom, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

GODFRIED LAUBE.

Witnesses:

WM. H. BROWN,
F. E. CHAPIN.