

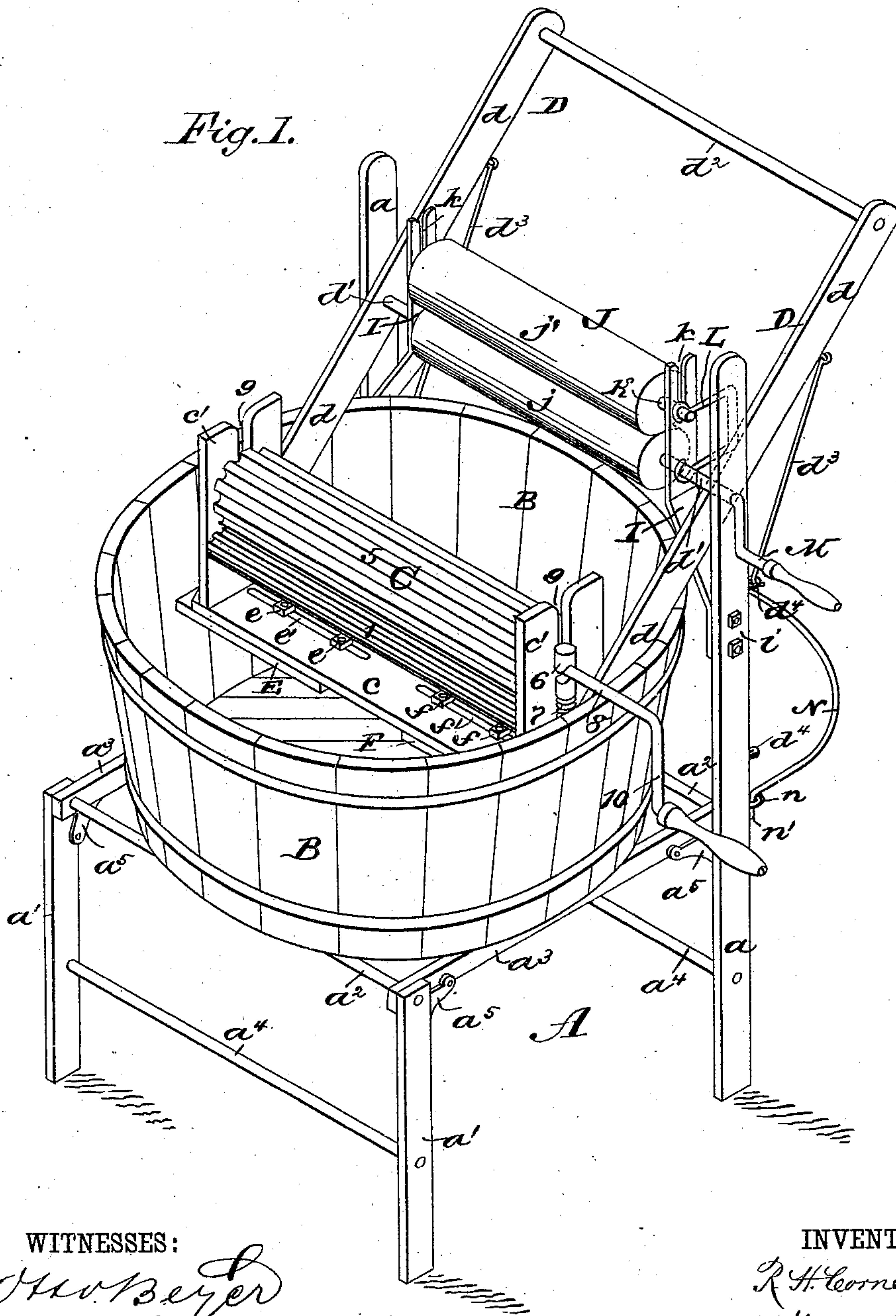
(No Model.)

2 Sheets—Sheet 1.

R. H. CORNETT.  
LAUNDERING MACHINE.

No. 351,626.

Patented Oct. 26, 1886.



WITNESSES:

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Otho Beyer  
C. Sedgwick

INVENTOR:

BY *R. H. Cornett*  
*Munn & Co*  
ATTORNEYS.

(No Model.)

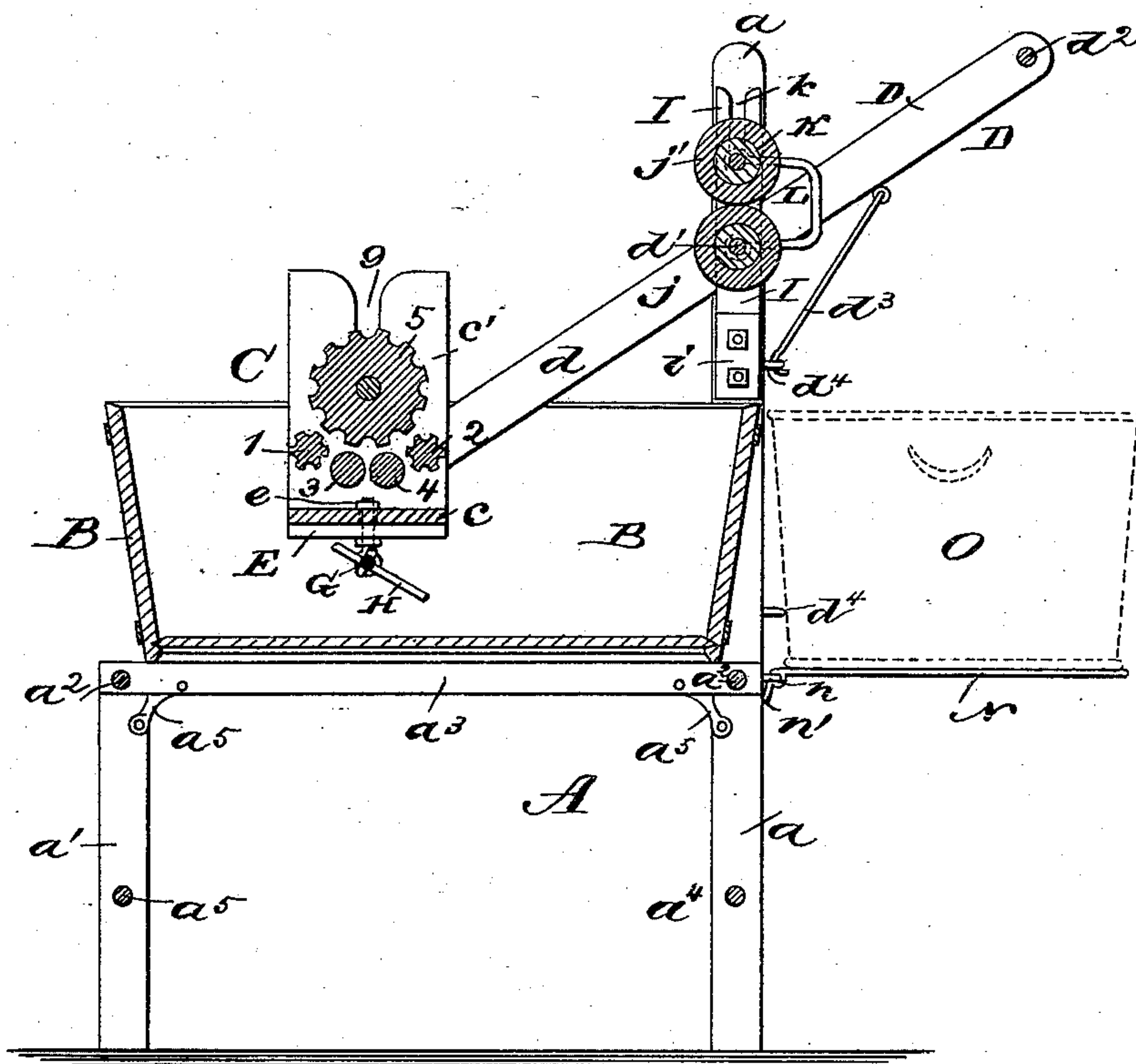
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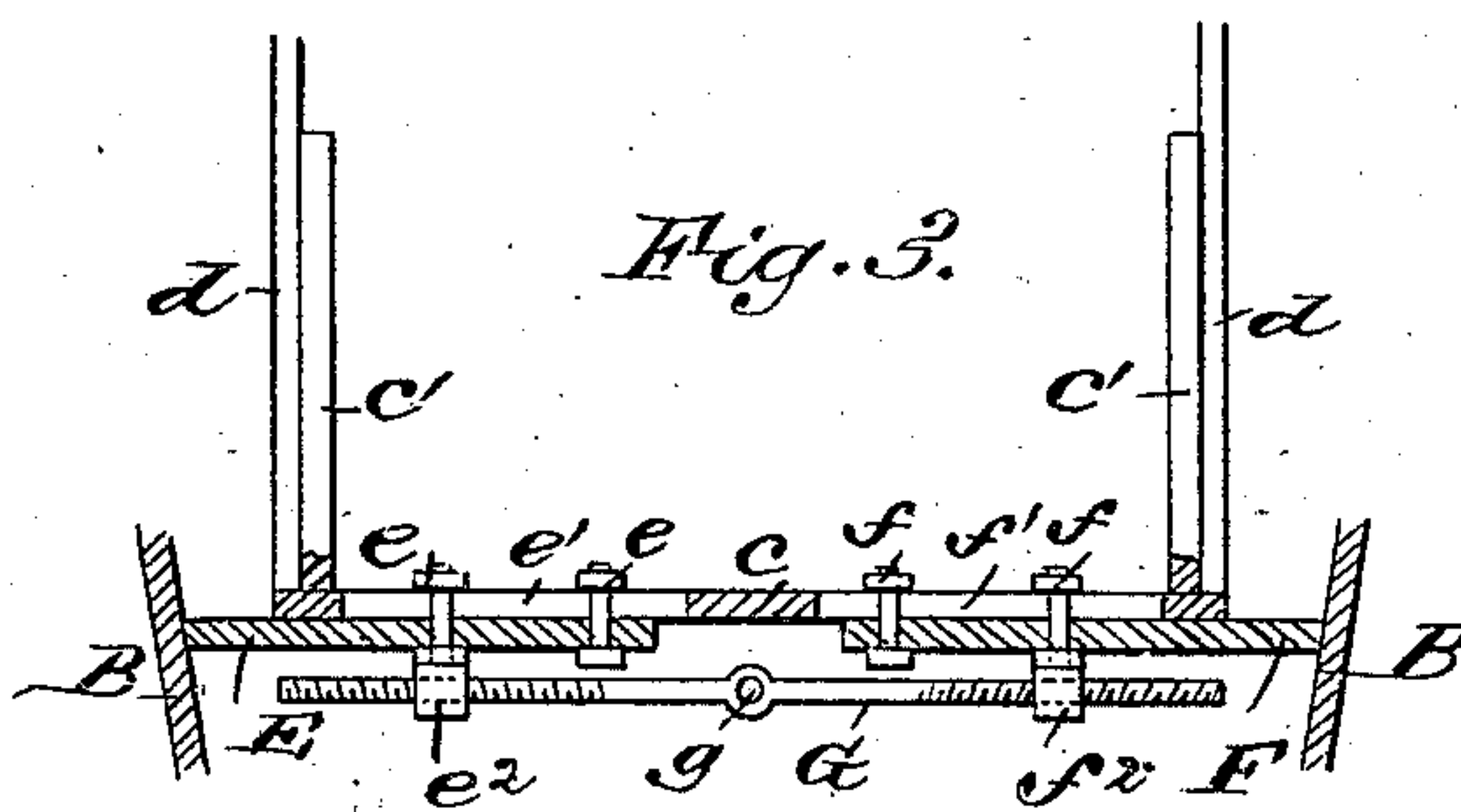
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*Fig. 2.*



*Fig. 3.*



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 C. Sedgwick

INVENTOR:

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Munn & Co

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# UNITED STATES PATENT OFFICE.

ROBERT H. CORNETT, OF LIVINGSTON, KANSAS.

## LAUNDERING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 351,626, dated October 26, 1886.

Application filed April 26, 1886. Serial No. 200,139. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT H. CORNETT, of Livingston, in the county of Stafford and State of Kansas, have invented a new and Improved Laundering-Machine, of which the following is a full, clear, and exact description.

My invention relates to laundering-machines for washing and wringing clothes, and has for its object to provide a simple, inexpensive, and effective machine of this class, which may be operated with economy of time and labor and without injuring the clothes.

The invention consists in certain novel features of construction of the laundering-machine, all as hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved laundering-machine. Fig. 2 is a central vertical sectional elevation of the same, with the basket which receives the clothes from the wringer indicated in dotted lines; and Fig. 3 is a detail sectional view illustrating the devices for clamping the washer in the clothes-holding tub.

The main frame A of the laundering-machine consists of tall corner-posts *a a* and short corner posts or legs *a' a'*, which are connected by upper rounds, *a<sup>2</sup>*, and cross-bars *a<sup>3</sup> a<sup>3</sup>*, on which the clothes-holding tub B is placed. Lower rounds, *a<sup>4</sup>*, connect the opposite posts and legs *a a'*, and braces *a<sup>5</sup>* at the corners of the frame hold it in open or unfolded condition, and when pins in the braces are removed the frame will fold up into comparatively small space.

The washer C of the laundering-machine comprises a base-piece, *c*, and opposite end pieces, *c' c'*, in which are journaled the lower series of rollers, 1 2 3 4, beneath the main roller 5, which is journaled in opposite notched heads 6, which are drawn downward by springs 7, and whereby the shaft 8 of roller 5 is carried downward in slots 9 of the end pieces, *c' c'*, to press the main roller 5 onto the clothes passed between the main roller and the bed-rollers to be washed. The rollers 1, 2, and 5 are corrugated lengthwise, and the rollers 3 4 have plain faces.

To the end pieces, *c' c'*, of the washer C are

fixed the lower ends of side bars, *d d*, of a frame, D, which is pivoted by its cross-rod or shaft *d'* in the posts *a a* of the frame A, and the outer upper ends of the bars *d d* are connected by a round, *d<sup>2</sup>*, which serves as a handle by which the frame D and the washer C may be swung on the pivot-shaft *d'* to lift the washer from the tub. Stay-rods *d<sup>3</sup> d<sup>3</sup>*, connected to frame D, may be hooked into eyes or staples *d<sup>4</sup>* on the posts *a*, to hold the washer within the tub, or at an elevation out of the tub.

To bind the washer to the tub and hold it securely or rigidly therein, so it may be properly worked by turning the handle 10 of the shaft 8 of the main roller 5, I place beneath the base-piece *c* of the washer a couple of clamp plates, E F, in which are held bolts *e e f f*, which pass through slots *e' f'* of the base-piece *c* of the washer, and have nuts threaded on them above the base-piece to hold the plates E F to the base-piece and yet allow them to be moved endwise thereon. One of each of the bolts *e f* is provided with a large head, as at *e<sup>2</sup> f<sup>2</sup>*, and these heads are bored and tapped to fit right and left hand screw-threads cut on the opposite end parts of a shaft, G, which, when turned one way by inserting a rod or lever, H, into an eye, *g*, of the shaft, will cause the aligned clamp-plates E F to be moved from each other to carry their outer ends forcibly against the opposite sides of the tub to clamp the washer therein, and when the screw G is turned the other way the clamp-plates will be moved toward each other and from the tub, to allow the washer to be swung therefrom by tilting the frame D. To the opposite frame-posts *a a* there are fixed at *i i* the lower ends of brackets I I, which are bent inward and extend upward inside of the opposite side bars, *d d*, of the frame D. The pivot-shaft *d'* of this frame passes through these brackets I I, whereby increased support and stiffness are given both the shaft and the brackets. On the pivot-shaft *d'*, between the opposite brackets I I, there is fixed the lower roller, *j*, of the wringer J, the upper roller, *j'*, of which is fixed to a shaft, K, which is journaled within slots *k k* in the upper parts of the brackets I I, and U-shaped springs L L are connected at their extremities to the respective shafts *d' K*, and normally draw the upper roller, *j'*, toward the lower roller, *j*, and cause the rollers to



wring clothes passed from the tub between them, when the wringer is operated, by turning a crank, M, formed on or fixed to the shaft *d'* of the lower roller.

5 To the frame-posts *a a* there are held by eyes or staples *n n* the extremities of a bowed metal-rod frame, N, which has stop-lips *n'*, which hold the frame in horizontal position when it is turned down, and so it may give  
10 substantial support to a basket, O, as shown in dotted lines in Fig. 2, and into which basket the wrung clothes fall from between the wringer-rollers.

It is obvious that the wringer J of the laundering-machine will maintain an operative  
15 position whether the washer C be clamped in the tub B, as in Figs. 1 and 2, or whether the washer be swung upward from or clear of the tub by tilting the frame D on the pivot-shaft  
20 *d'*; hence the wringer may be used when the washer is in either position. Any suitable eyes or staples may be provided on the frame-posts *a a*, into which the rods *d'* may be hooked to hold the washer raised clear of the water  
25 and clothes in the tub for better access to the clothes for passing them to and through the wringer.

When the tub B is removed from the frame A, the frames A D, with the attached washer  
30 and wringer, may all be folded together in small space for transportation or storage.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

1. A laundering-machine comprising a 35 frame, A, adapted to support a clothes-holding tub, as at B, and having posts *a a*, a frame, as at D, pivoted in posts *a a*, a washer, as at C, attached to the lower end of the frame D, and adapted to be supported thereby in the 40 tub B, and a wringer, J, comprising rollers *j j'* and springs L, and one of said rollers fixed to the pivot-shaft of the frame D, substantially as described, for the purpose set forth.

2. A laundering-machine comprising a 45 frame, A, having posts *a a*, a frame, D, pivoted to said posts, a washer, C, held to the lower end of frame D, brackets I I, fixed to the posts *a a*, a wringer, J, supported in brackets I I, and comprising rollers *j j'* and springs 50 drawing one roller toward the other, and the shaft *d'* of one roller being also the pivot-shaft of the frame D, substantially as described, for the purposes set forth.

3. In a laundering-machine, the combina- 55 tion, with the washer base-piece *c*, of adjustable clamp-plates E F, held thereto, and a right-and-left screw, G, engaging nuts fixed to said clamp-plates, substantially as herein set forth.

ROBERT H. CORNETT.

Witnesses:

WM. GLASSCOCK,  
E. H. DURHAM.