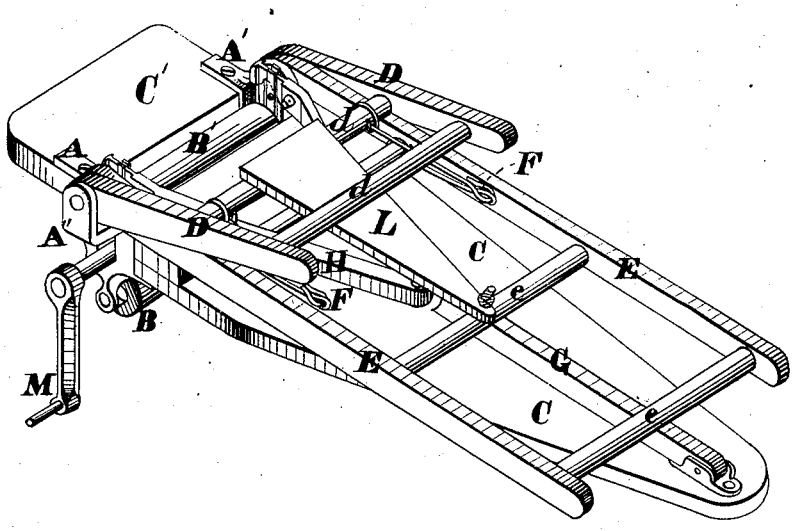
3 Sheets--Sheet 1.

# F. WAY.

## Combined Mangle and Ironing-Table.

No. 162,439. Patented April 20, 1875.

Fig. 1.

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## Combined Mangle and Ironing-Table.

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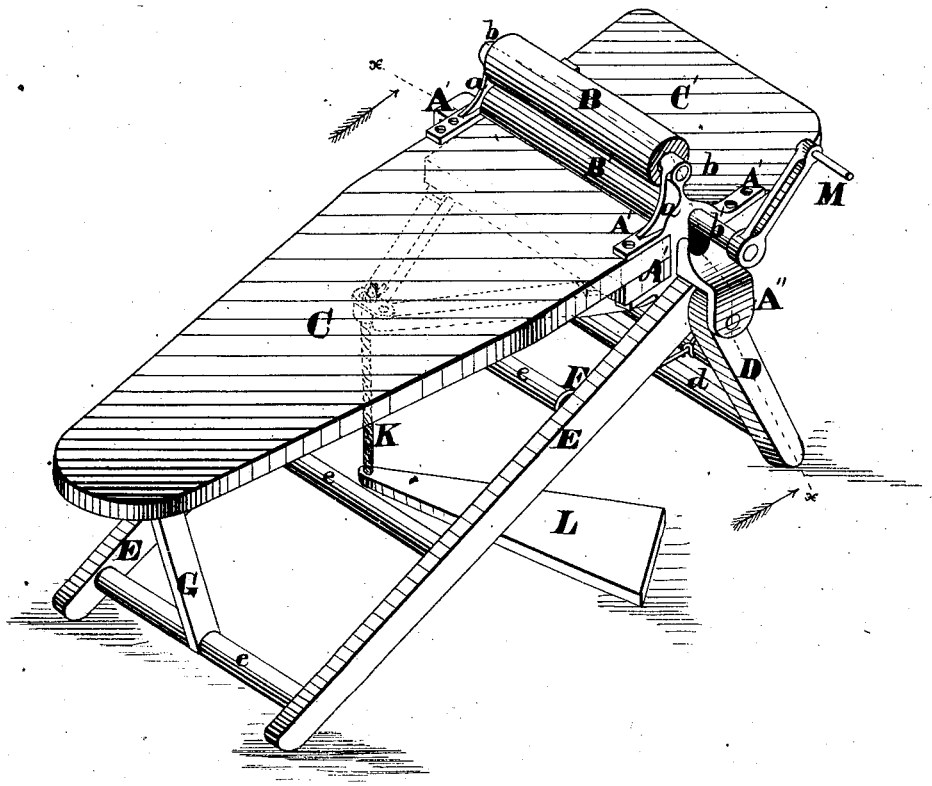
Fig. 2.

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## Combined Mangle and Ironing-Table.

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Fig. 3.

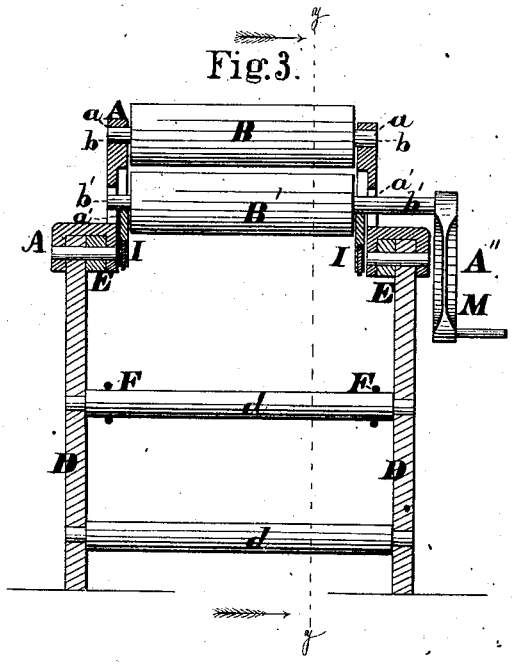
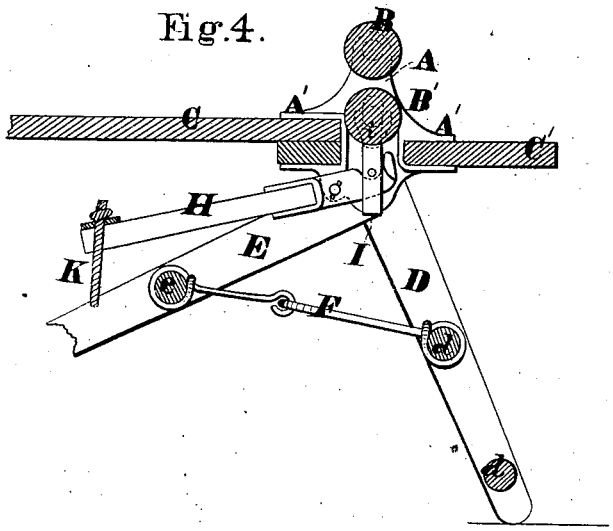



Fig. 4.

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# UNITED STATES PATENT OFFICE.

FRANCIS WAY, OF SPRINGFIELD, OHIO.

## IMPROVEMENT IN COMBINED MANGLE AND IRONING-TABLES.

Specification forming part of Letters Patent No. **162,439**, dated April 20, 1875; application filed April 12, 1875.

*To all whom it may concern:*

Be it known that I, FRANCIS WAY, of Springfield, in the county of Clarke and in the State of Ohio, have invented certain new and useful Improvements in Combined Mangle and Ironing-Board; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a perspective view of my improved device as arranged for storage. Fig. 2 is a like view of the same arranged for use. Fig. 3 is a vertical cross-section upon line *x x* of Fig. 2; and Fig. 4 is a vertical longitudinal section upon line *z z* of Fig. 3.

Letters of like name and kind refer to like parts in each of the figures.

The design of my invention is to combine, in a convenient form, an ironing-board and mangle which, when not in use, may be stored in a small compass; and it consists in the construction and combination of parts whereby the desired result is produced, substantially as is hereinafter specified.

In the annexed drawings, A represents a metal frame provided at its upper end with a bearing, *a*, for one journal, *b*, of a mangle-roller, B, and at a lower point with a vertically-elongated opening, *a'*, which receives and contains one journal, *b'*, of a second roller, B', the arrangement shown enabling said lower roller to be adjusted vertically toward or from said upper roller. Projecting horizontally outward from each side of the frame A is a recessed lug, A', one of which receives the end of an ironing-board, C, while within the opposite lug is secured a table, C', that forms an extension of said board. Upon the outer lower side of each frame-piece A is provided a socket, A'', within which is pivoted one end each of two rails, D and E, the first of which rails has about one-half the length of said second rail. Each pair of rails D or E is connected together by means of a number of cross-bars, *d* or *e* respectively, so as to form the same supporting frames or legs, which are connected together by means of two chains or jointed rods, F and F, that are secured to and extend between the upper cross-bars of said frames, said rods being for the purpose of limiting the spread of the same. A bar, G, is hinged, at one end, to or upon the lower side near the rear end of the ironing-board C, and has its opposite end recessed out, so that when turned downward to the position shown in Fig. 2 said end shall rest upon and embrace the lower cross-bar *e* of the supporting-frame E, and enable said bar to furnish a support for the rear portion of said ironing-board. In order that the lower roller B' may be moved toward the upper roller B, when it is desired to press clothing between them, a lever, H, is pivoted near one end upon the inner face and in rear of the center of each frame-piece A, with its shortest portion directly beneath the journal *b'* of said roller B'. A bar, I, having at its upper end a half-round socket, *i*, that conforms to and embraces the lower side of the journal *b'*, extends from thence downward to and is loosely connected with the end of the lever H, the arrangement being such as to cause said bearing-bar and said journal, with its roller, to be raised whenever the rear end of said lever is depressed. The levers H and H extend rearward and inward, and are connected together at their rear ends, from whence a cord, K, extends downward to and is connected with one end of a treadle, L, the other end of which latter part rests upon the floor, within convenient reach of the foot of the operator, who, by pressing downward upon said treadle, can raise the lower roller and produce any desired degree of pressure upon articles placed between the same and the upper roller. A crank, M, secured upon one of the journals of the lower roller completes the device, which is used in the ordinary manner, either as a mangle or as an ironing-board. When not in use, the brace G is released from engagement with the cross-bar *e*, and folded against the lower side of the board C, and the supporting-frame E is then in like manner folded against the same, after which the front support D is turned inward against said frame E, the whole device, thus arranged, occupying comparatively little space, and being in convenient shape for storage.

Having thus fully set forth the nature and

merits of my invention, what I claim as new is—

In combination with the mangle and ironing-board constructed as shown, the pivoted supporting-frames D *d* and E *e*, the brace-rods F and F, and the brace-bar G, substantially as and for the purpose specified.

In testimony that I claim the foregoing, I have hereunto set my hand this 13th day of March, 1875.

FRANCIS WAY.

Witnesses:
J. J. SMITH,
GEORGE W. DALIE.