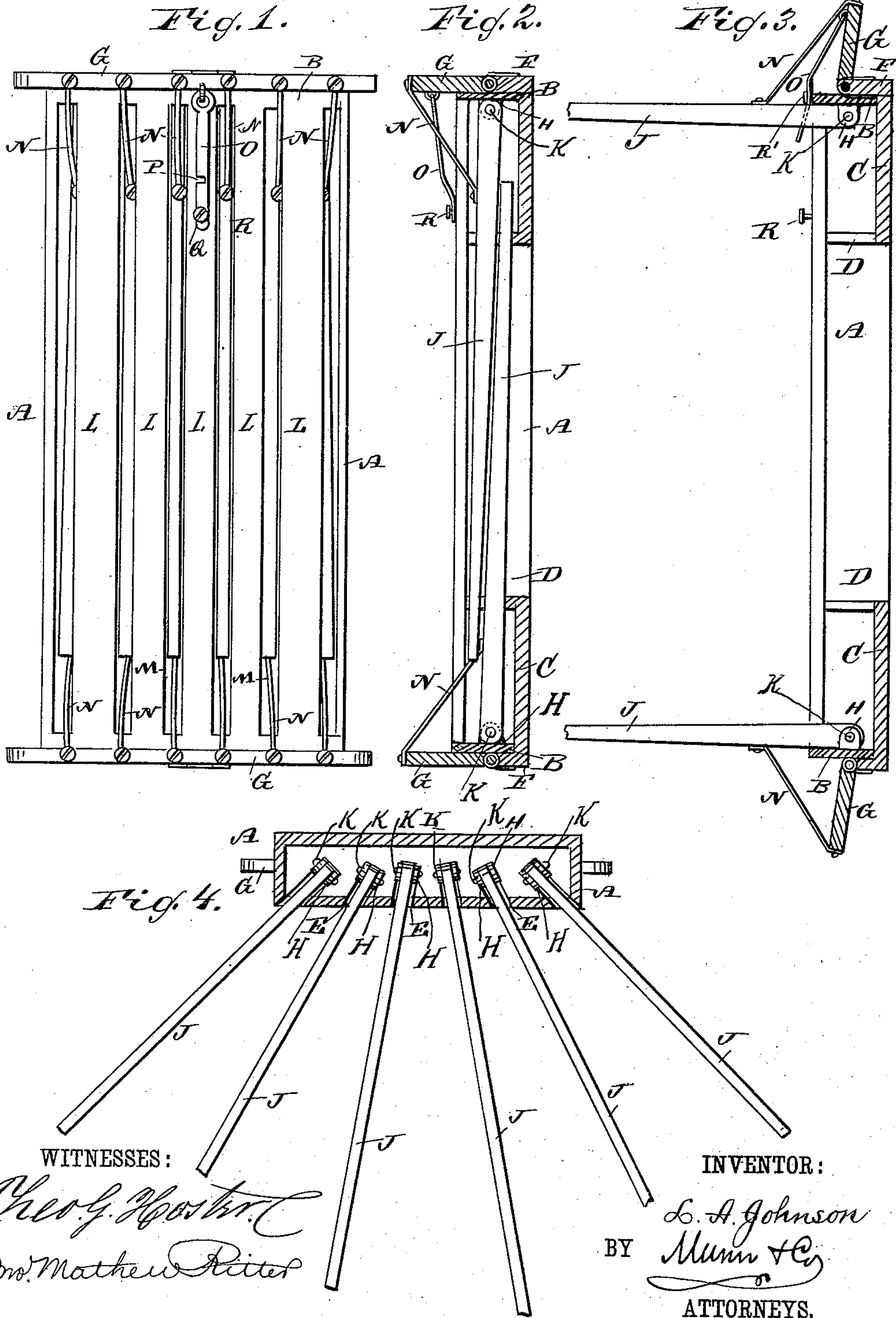


(Model.)

L. A. JOHNSON.
CLOTHES DRIER.

No. 330,711.

Patented Nov. 17, 1885.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LEONARD A. JOHNSON, OF CANDOR, NEW YORK.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 330,711, dated November 17, 1885.

Application filed July 31, 1885. Serial No. 173,152. (Model.)

To all whom it may concern:

Be it known that I, LEONARD A. JOHNSON, of Candor, in the county of Tioga and State of New York, have invented a new and Improved Clothes-Drier, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved clothes-drier, which is simple in construction, strong and durable, and which can be folded very compactly.

The invention consists in the construction and combination of parts and details, as will be fully set forth and described hereinafter, and particularly pointed out in the claims.

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

Figure 1 is a front view of my improved clothes-drier folded; Fig. 2, a cross-sectional elevation of the same folded. Fig. 3 is a cross-sectional elevation of the same adjusted for use. Fig. 4 is a sectional plan view of the same adjusted for use.

The frame of the clothes-drier is formed of the two side pieces, A, united by the end pieces, B. The back edges of the side pieces, A, are united at the top and bottom by the boards C, in the inner or adjacent edges of which the cross-pieces D are secured, which pieces D have guide-slots E diverging from the centers of the said cross-pieces D. On the outer surface of each end piece, B, a bar, F, is secured, on the edge of which a bar, G, is hinged, which is of such width that when it is swung down on the end piece its swinging edge projects beyond the edge of said end pieces, as shown in Fig. 2. In jaws H, on the inner sides of the end pieces, the arms J are pivoted by pins K, firmly secured in the ends of said arms. On the front edges of the end pieces, B, a series of slats, L, are secured, between which slots M are formed, extending from the top to the bottom of the device. Each arm J is connected by a wire, N, with the swinging edge of the adjacent bar G, the wires N all being of the same length. The arms J are slightly shorter than the frame on which they are hung. On the swinging edge of the top bar, G, a latch, O, is pivoted, which has two notches, P and Q, short distances from each

other on the free end. Headed pins R R' project from one slat L near the upper end of said slat.

The operation is as follows: The device is hung vertically on the wall, and when it is not in use the lower arms J are behind the slats L, and the upper arms J are folded upon the lower arms. The arms are held in place by holding the upper bar, G, horizontal, as shown in Fig. 2, by passing the pin R into the end notch Q of the brace O. As long as the upper bar, G, is held horizontally the upper arms J can not be swung outward, nor can the lower arms J, which are below them. When the holder is to be used, the brace O is disengaged from the pin R, and the upper arms J are swung up into the horizontal position, and the lower arms also. The lower arms rest on the lower end of piece B, and the upper arms are held by the wires or rods N, which are held by the bar G, braced by the brace O from the pin R', which is in the notch P. The arms when in a horizontal position diverge, as shown in Fig. 4, the guide-slots E and the beveled edges of the slats L causing the said arms to diverge while being swung out.

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

1. In a clothes-drier, the combination, with a frame, of arms pivoted in the same, a bar pivoted to the frame at the pivoted ends of the arms, and of rods connecting the said bar and the arms, substantially as herein shown and described.

2. In a clothes-drier, the combination, with a frame, of arms pivoted in the same, a cross-bar having diverging slots for guiding the arms, and of a bar hinged on the end of the frame and connected by rods with the arms, substantially as herein shown and described.

3. In a clothes-drier, the combination, with a frame having slats secured on its front, of arms pivoted in the frame and adapted to swing through the slots between the slats, and of locking-bars for holding the arms when the same are swung out through the slots between the slats, substantially as herein shown and described.

4. In a clothes-drier, the combination, with a frame, of the slats L, the arms J, hung in the

frame at the top and bottom, bars hinged on the ends of the frame, arms pivoted at the ends of the frame, and rods connecting said arms with the hinged boards, substantially as herein shown and described. 10

5 In a clothes-drier, the combination, with a frame, of the arms J, pivoted in the same, the bars G, hinged on the ends of the frame,

rods connecting the hinged bars and the arms, a notched brace on one of the swinging bars, and pins on the front of the frame, substantially as herein shown and described.

LEONARD A. JOHNSON.

Witnesses:

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