

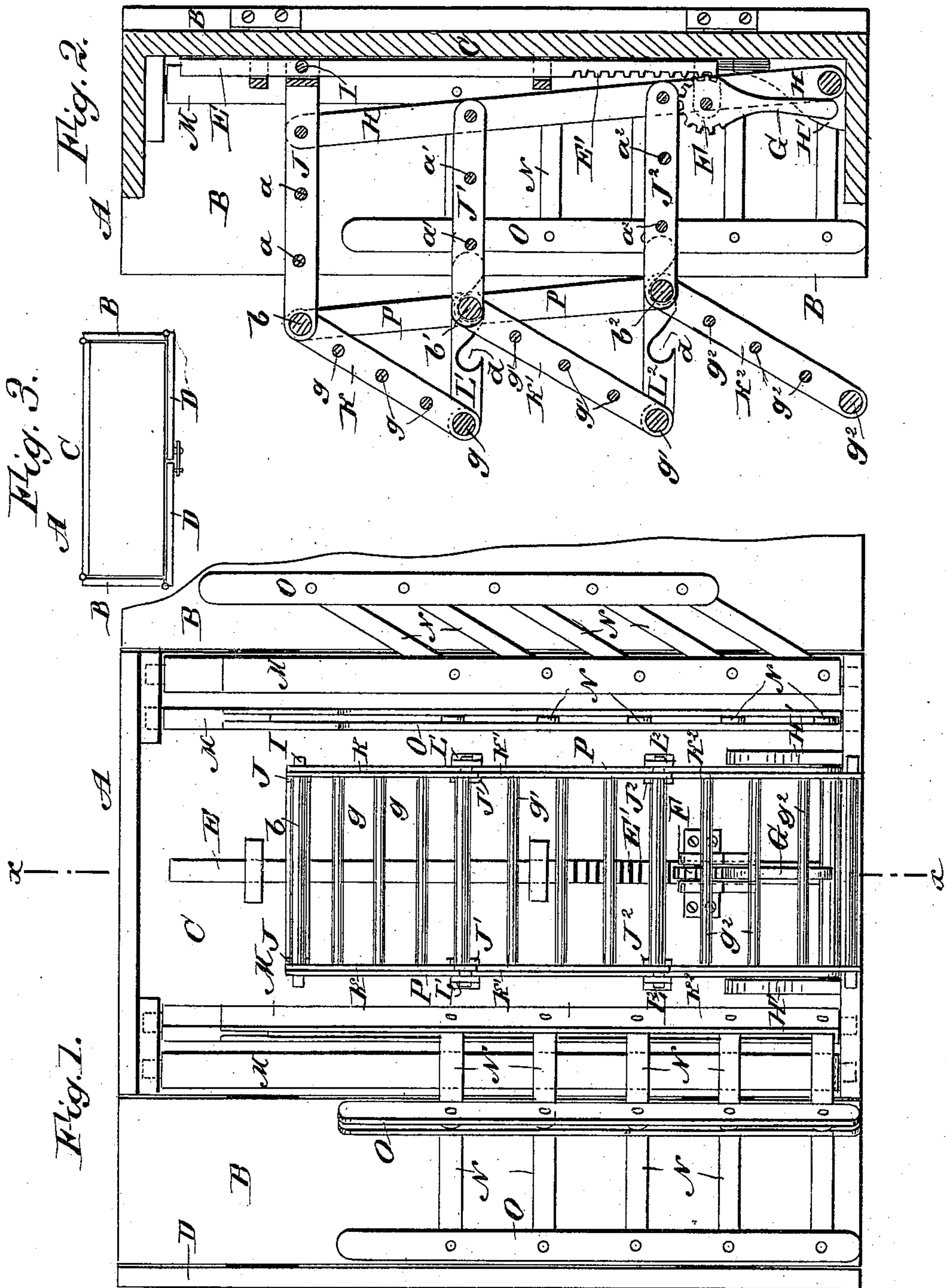
(Model.)

R. R. RICHARDSON.

CLOTHES DRIER.

No. 292,052.

Patented Jan. 15, 1884.



WITNESSES:

Wm. Beyer
C. Sedgwick

INVENTOR:

R. R. Richardson
BY *Munn & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT RUSSELL RICHARDSON, OF LARAMIE CITY, WYOMING TERRITORY.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 292,052, dated January 15, 1884.

Application filed August 9, 1883. (Model.)

To all whom it may concern:

Be it known that I, ROBERT R. RICHARDSON, of Laramie City, in the county of Albany and Territory of Wyoming, have invented a new and Improved Clothes-Rack, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved combined clothes-horse and press or closet, which can be erected or folded very easily and rapidly, does not occupy much space when folded, and in which press or closet the clothes-horse is contained when folded.

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-rack, showing it partly erected. Fig. 2 is a cross-sectional elevation of the same. Fig. 3 is a plan view of the same closed.

A press or closet, A, is provided with sides B, hinged to the edges of the back C, and with doors D, hinged to the free edges of the hinged sides. A bar, E, having a rack, E', formed on its lower end, is held to slide in the direction of its length on the middle of the inner surface of the back C, and with a rack, E', a pinion, F, engages, which is formed on the end of a lever, G, pivoted to jaws projecting from the inner surface of the back at the lower part of the same. Two bars, H, are pivoted at their lower ends to the plates H' on the rear part of the bottom of the closet A, and the upper ends of the bars H are pivoted to arms J, pivoted to the ends of an iron rod, I, held on the upper part of the sliding bar E. The arms J are connected by a series of rods, a and b. The bars H are pivoted to the arms J, a short distance from the pivoted ends of J. Arms J' and J² are pivoted to the bars H, and are united by rods a' b' and a² b², respectively. To the outer ends of the arms J J' J² bars K K' K² are pivoted, and to the free ends of the bars K' K² bars L' L² are pivoted, which are provided with notches in the under edges. The bars K K' K² and L L' L² are united by a series of rods, g, g', and g², respectively. Near each edge of the back of

the closet vertical bars M are pivoted to the top and bottom, and at each edge of the back, to turn on their vertical axes, and to the said bars M bars N are pivoted, the opposite ends of which are pivoted to bars O, thus permitting the bars O to be folded against the bars M. Bars P are pivoted to the outer ends of the bars J, J', and J².

The clothes-rack is adjusted as follows: When the clothes-rack is not in use, the bar E, the bars H, J, J', J², K, K', K², L, L', L², and P are folded against the inner surface of the back of the closet, and the bars N and O are also folded against the back of the closet. If the clothes-rack is to be used, the lever G is swung downward, whereby the bar E will be moved upward, and the arms or bars J J' J² will be swung downward. The free ends of the bars K K' K² are swung outward, and the bars K K' are held at the desired inclination by passing the end rods, b' b² of the bars J' J² into the notches d of the bars L' L². The bars O are swung down, and the frames thus formed are swung outward from the middle of the back of the closet more or less, until they have the desired required angle to the inner surface of the back of the closet. The sides and doors of the closet are swung outward, to give the closet a better bearing, and to expose all the clothes on the racks to the air.

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

1. The combination, with a closet having the back C, a vertical slide-rack on the middle thereof, a supporting-frame, and a pinion-lever, of frames, pivoted to the standard and connected with the rack, substantially as shown and described.

2. The combination, with the closet having a vertical slide, E, carrying the cross-rod I on the middle of its back, of the bars H, pivoted at their lower ends to plates H', the connected arms J, pivoted to cross-rod I and bars H, the arms J' J², united by rods a' b' a² b², and pivoted to bars H, the bars K K' K², pivoted, respectively, to arms J J' J², the notched bars L L' L², pivoted to and united with bars K K' K² by rods g g' g², and the

bars P, pivoted to the outer ends of the bars J J' J², as and for the purpose specified.

3. The combination, with a closet, of the sliding rack-bar E, the bars H and P, the
5 bars J J' J², united by suitable rods, the bars K K' K², pivoted to the bars J J' J², and united by suitable rods, and the bars L' L²,

pivoted to the bars K K', and provided with notches *d*, and united by rods, substantially as herein shown and described.

ROBERT RUSSELL RICHARDSON.

Witnesses:

N. R. STRONG,

THOMAS RICHARDSON.