

W. H. UREN.
Clothes-Drier.

No. 214,474.

Patented April 15, 1879.

Fig. 1.

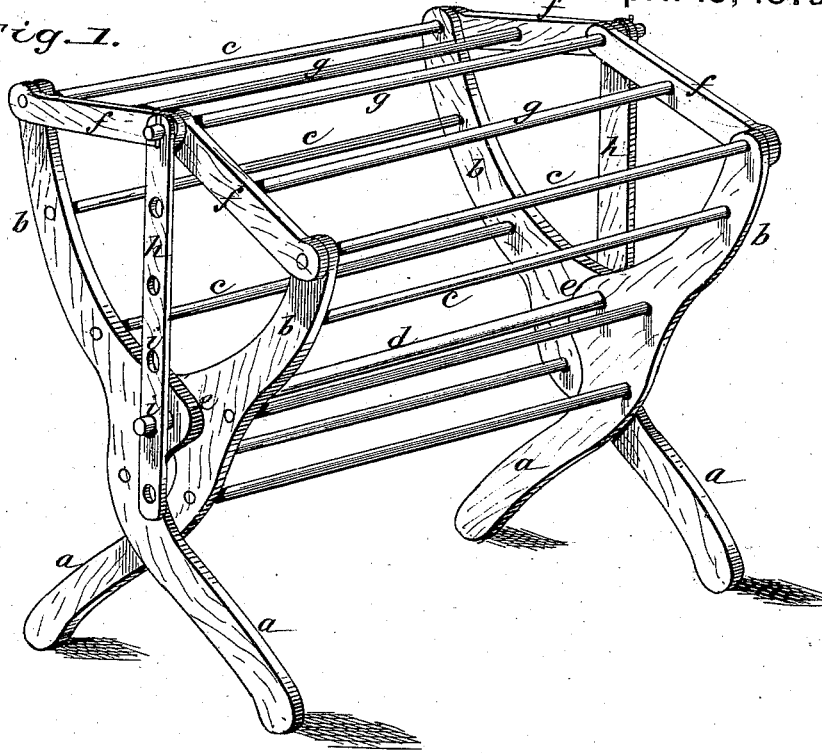
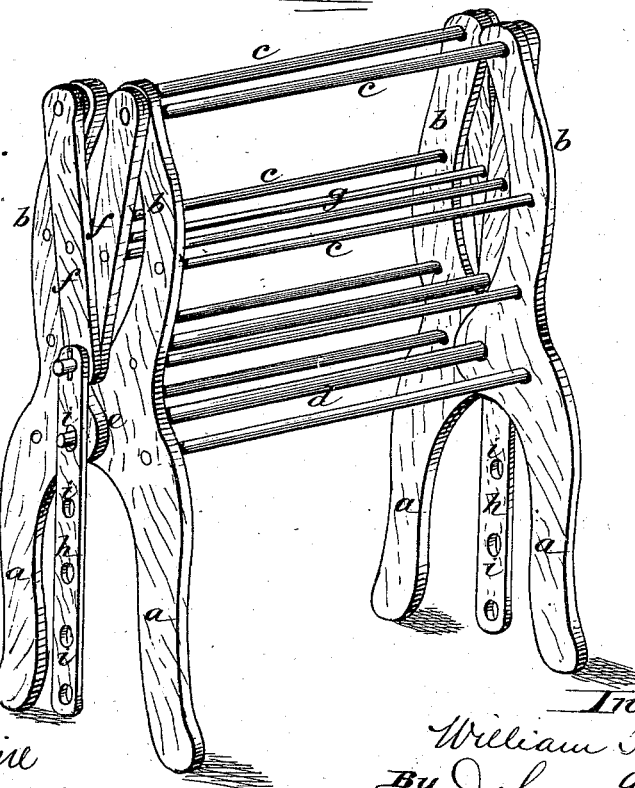


Fig. 2.



Attest:
H. L. Persyell
Floyd Norris

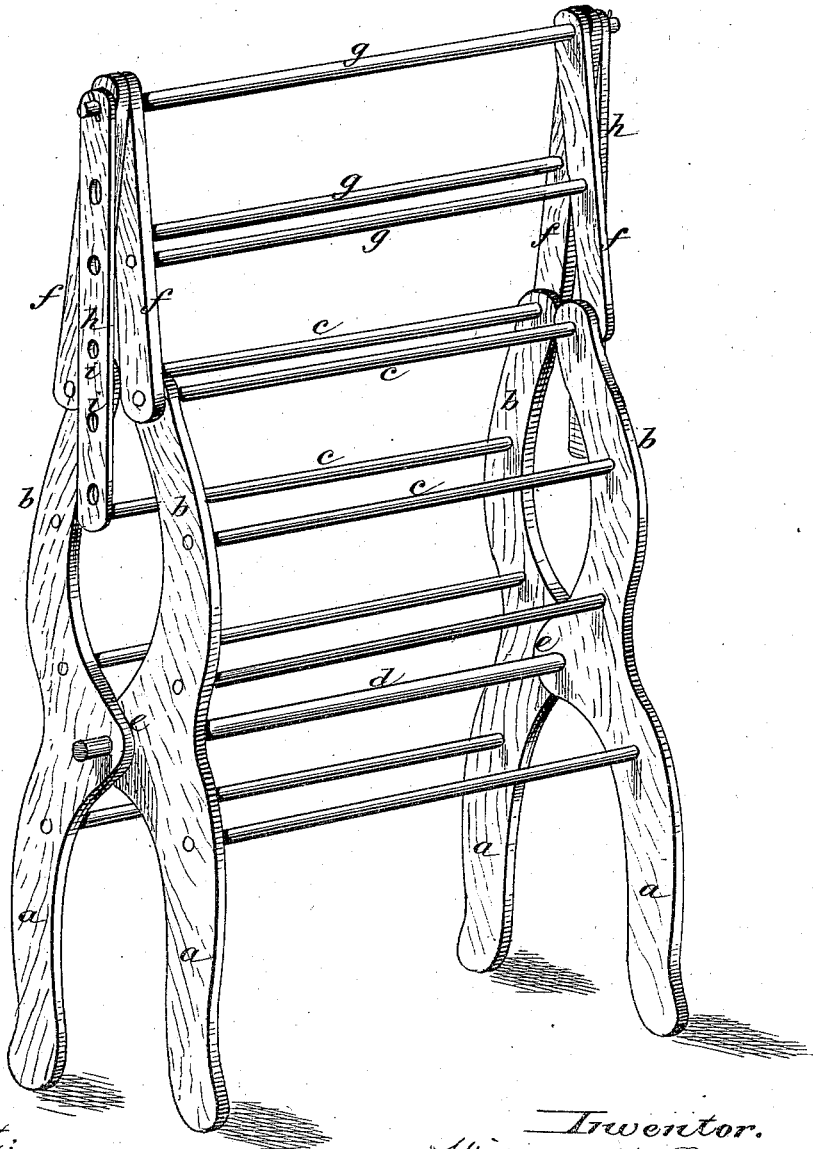
Inventor.
William H. Uren
By Johnson & Johnson
Atty's

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Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM H. UREN, OF INDEPENDENCE, IOWA.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. **214,474**, dated April 15, 1879; application filed March 4, 1879.

To all whom it may concern:

Be it known that I, WILLIAM H. UREN, of Independence, in the county of Buchanan and State of Iowa, have invented certain new and useful Improvements in Clothes-Driers, of which the following is a specification.

My improved rack for drying clothes involves a novel construction, by which it is adapted, by arm-rack united by bars, to form a basket or cradle for holding the clothes to be ironed, and with top racks over the basket adapted to be raised to vertical positions above the arm-racks to form a high rack, and to be reversed in their positions and folded downward within and between the arm-racks for compactness. In these adjustments the legs are adapted to assume cross-positions when their arm-racks are extended to form the basket and bring the top bars in positions over it, and to open from such cross-positions to elevate and close the arms and top racks, and to support them in vertical positions to form a high-top rack, or to support the arm-racks in such closed position with the top racks folded downward between them. In either of these adjustments the drier may be used, for, whether crossed or folded, the legs give proper support; and this reversibility of the legs, in connection with the reversibility of the top racks, admits of the different adjustments and varying capacity of the drier.

The arm-racks are maintained in their open positions with crossed legs by the pivoted arms of the top racks, and the latter are maintained at different elevations above a horizontal line by bars depending from the junction of the pivoted top-rack arms and interlocking with the projecting ends of the pivot-bar of the legs; but in the highest adjustment of the device, in which the legs stand open and the rack-arms are closed, no locking-support is required. When folded in its most compact form it is locked by said depending bars.

Referring to the drawings, Figure 1 represents a view, in perspective, of a clothes-drier embracing my invention, in which the arm-racks united by bars are adjusted to form a basket or holder for the clothes; Fig. 2, a similar view, showing the drier folded in its most compact form, with the top racks inverted between the arm-racks; and Fig. 3, a similar

view, showing the drier adjusted to its highest folded position.

The drier consists of two end frames, formed by the legs *a a* and the rack-arms *b b*, rising therefrom, the legs being pivoted together by a lap-joint, and the opposite end arms, *b b*, united by the clothes-bars *c*, which, with the central pivot-bar, *d*, form the basket or clothes-holder when the rack-arms are unfolded, as in Fig. 1.

To adapt the legs to support the drier either in its open or folded position, they are provided with inward extensions *e e*, by which their pivot-connection is made with the bar *d*, so that in the open position of the rack-arms the legs will be crossed; but the closing of the rack-arms brings the legs into vertical open positions, so that whether folded or unfolded the drier is equally supported for use.

The rack-arms are supported when open by the depending bars *h h* and the cross-arms *f f*, pivoted to the upper ends of the rack-arms *b b* and to each other at their inner ends, and which, with their connecting clothes-bars *g*, form the top racks, which overhang the arm-racks, and are supported at different heights above a horizontal line by pendent bars *h h*, pivoted to the junction of said cross-arms, and interlocking, by holes *i i*, with the projecting ends of the central pivot-bar, *d*, which also then locks the rack-arms.

By this construction the cross-arms or top racks *f* are adapted to be folded downward between the rack-arms when the latter are closed, to obtain compactness, as shown in Fig. 2. These top racks are raised in vertical folded positions with and above the rack-arms when the latter are closed, to obtain a high-top rack, as shown in Fig. 3. In both of these adjustments the legs stand open, and the depending bars *h* serve also as locks to the frames when folded as in Fig. 2.

In either of the foregoing-described adjustments the clothes may be hung upon the bars *c*, and the top racks may be filled when in position shown in Fig. 1, and then raised to their folded highest position.

The legs and their rack-arms being pivoted by the inward extensions *e e* adapts the legs for use in crossed or open positions, while the middle jointing of the top racks allows them to

be used in horizontal or vertical positions, and to be reversed and closed between the arm-racks.

I prefer to make the clothes-bars many-sided in cross-section.

I claim—

1. In a clothes-drier, the legs pivoted by the inward extensions *ee*, whereby to adapt them as supports, in crossed positions, for an open low-top drier by means of the depending bars *h h*, interlocking with the pivot-bar *d*, and in vertical or open positions for a folded high-top drier, in combination with the basket-forming rack-arms *b b*, their bars *c*, and the pivoted top racks, *f g*, all substantially as herein set forth.

2. A clothes-drier consisting of the legs *a a*, pivoted by the inward extensions *ee*, the basket-

forming rack-arms *b b*, having the bars *c*, and rising from said extensions, the top rack, *f g*, pivoted to said basket-arms, and the supporting-bars *h h*, the legs being adapted as supports in crossed positions by means of the depending bars *h h* and the rack-arms *f f*, and the top racks adapted to be extended in vertical positions when the rack-arms are folded, or reversed and folded downward compactly between the said folded arm-racks, as herein set forth.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

WILLIAM H. UREN.

Witnesses:

W. G. DONNAN,

J. B. DONNAN.