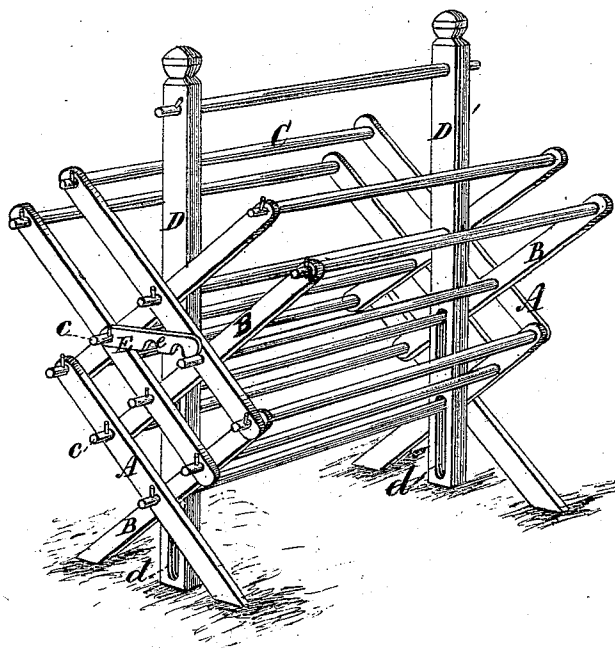


JAMES O. HILL.

Improvement in Clothes-Driers.

No. 127,881.

Patented June 11, 1872.



Witnesses.
A. Ruppert.
C. Edwin Lile

J. O. Hill
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Attys

UNITED STATES PATENT OFFICE.

JAMES O. HILL, OF CARBONDALE, ILLINOIS.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 127,881, dated June 11, 1872.

Specification describing a certain Improvement in Clothes-Driers, invented by JAMES OAKLEY HILL, residing at Carbondale, in the county of Jackson and State of Illinois.

This invention relates to that class of clothes-driers in which most of the bars for carrying the clothes are attached at each end to a folding or adjustable frame-work composed of two sets of parallel bars crossing each other and pivoted together at the points of intersection, the two lowest bars of each frame-work being prolonged downward beyond where they intersect to form the feet. My improvement consists in combining with such a clothes-drier a rectangular frame, which is arranged in a vertical position between the folding end frames, and so connected thereto that it will move vertically in folding or spreading out the drier, and, with its uprights, come in contact with the floor when the drier has been spread out to the utmost extent desired, and thus give more firmness to the device.

The drawing represents my improved clothes-drier in perspective, spread out to the fullest extent.

The end frames are composed of two sets of bars, A A and B B, all the bars of each set being arranged parallel to one another. The bars A cross the bars B, and at the points of intersection or crossing they are pivoted together by the round tenons *c* of the clothes-bars C, which connect the two frames, and upon which the clothes are to be hung. D and D' are two stout uprights connected together near the top by a clothes-bar, forming a frame, which is arranged in a vertical position be-

tween the end frames. The clothes-bar, the tenons of which pass through the uppermost bars A and B at their points of intersection, passes through corresponding holes in the uprights D and D', so that the latter will move with it in folding or spreading out the drier; but the clothes-bars vertically beneath the one referred to pass through elongated holes *d d* in the uprights, and move independently of the latter. The length of the uprights D and D' in a downward direction is such that they will come in contact with the floor whenever the drier has been spread out to the utmost extent desired. E represents a latch, which is pivoted to a tenon, *e*, and provided with a number of notches, *e*, in its lower edge for hooking over a tenon opposite, to prevent the further spreading out of the drier. One such latch is provided for each end frame. The spreading of the drier may, by means of these graduated latches, be stopped at any point desired.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a clothes-drier, the combination of the folding or adjustable end frames A B, cross-bars C, and latches E with the slotted uprights D D', all constructed as and for the purposes specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES O. HILL.

Witnesses:

WILLIAM WYKES,
JOHN MCGEE.