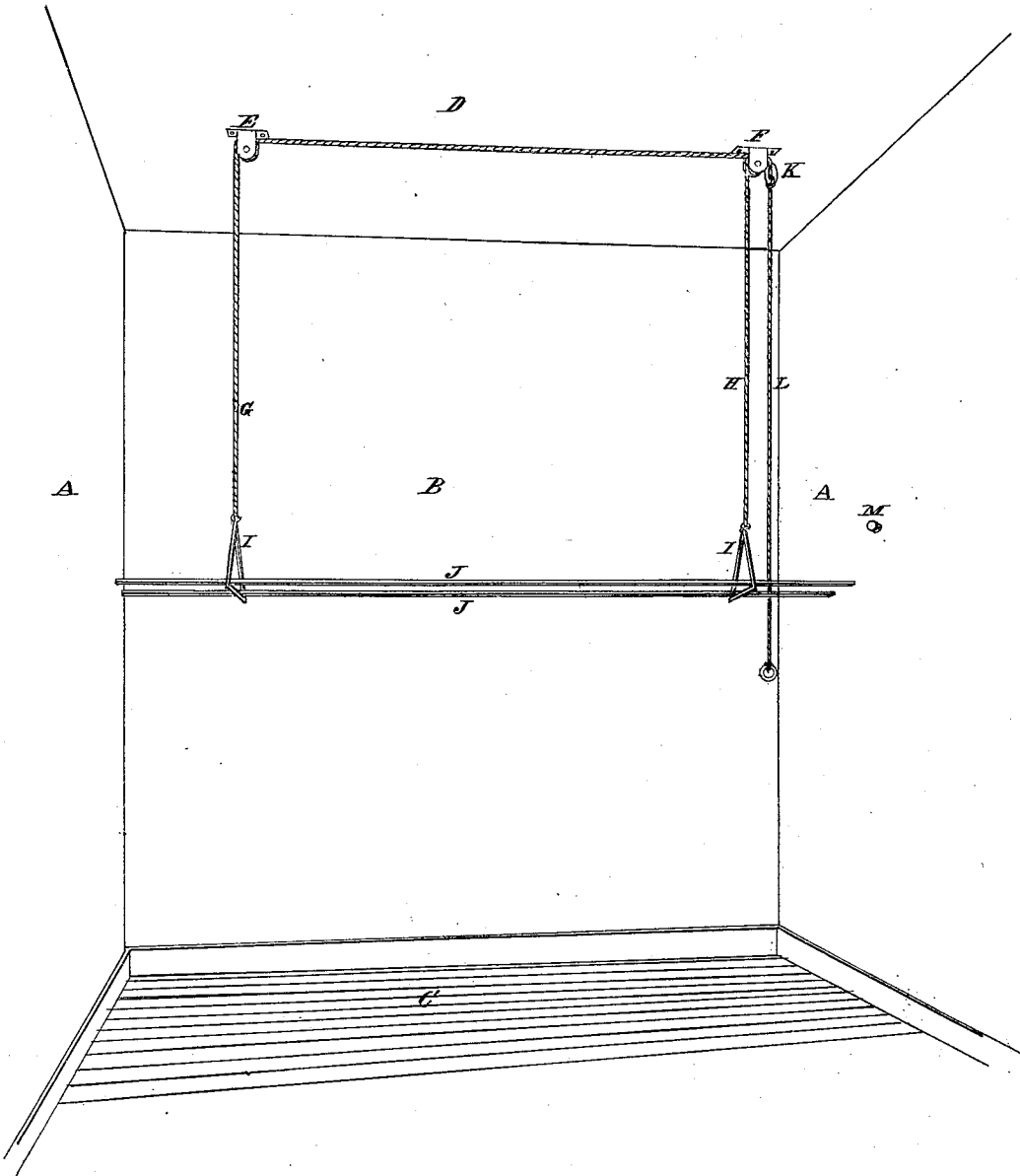


C. R. ANDERSON.
CLOTHES DRIER.

No. 109,860.

Patented Dec. 6, 1870.



Attest
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United States Patent Office.

CHARLES R. ANDERSON, OF ST. LOUIS, MISSOURI.

Letters Patent No. 109,860, dated December 6, 1870.

IMPROVEMENT IN CLOTHES-DRIERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, CHARLES R. ANDERSON, of the city and county of St. Louis and State of Missouri, have invented a certain new and useful Clothes-Drier, of which the following is a specification.

Nature and Object of the Invention.

My invention consists of a rack suspended upon cords passing over pulleys attached to the ceiling of the drying-room, the said rack being capable of being lowered to receive the clothes, and then of being elevated to raise the clothes above the heads of the occupants into the highest part of the room, which is also the hottest part.

The object is to supply a cheap and convenient device for drying or airing, in the kitchen or other room, without incommoding the persons therein.

Description of the Drawing.

The drawing is a perspective view of the clothes-drier.

General Description.

A A and B are respectively portions of the side walls and the end walls of a room;

C is the floor; and

D, the ceiling.

Attached to the ceiling are two pulleys or eyes, E F, over which or through which pass cords, G H, to whose lower ends are hung triangular frames, I I, the cords being attached to the upper angle of the frames.

Resting in the two lower corners or angles of the frames are horizontal bars or slats, J J, preferably of wood. These bars may be about eight inches apart, more or less, and should be attached to the frames.

The end of the bars should extend past the supporting frames, as shown, for reception of clothes, to counterbalance those on the middle of the bars and check the bending of the latter.

The cord G passes over the pulley E to the pulley F, over which both cords pass, and are attached to a ring, K, to which is also attached a pull-cord, L, by which the ring is drawn down to elevate the rack, both ends of which are raised simultaneously.

M is a stud projecting from the wall, upon which the ring K is engaged when the rack is elevated.

The operation of the rack is as follows:

When in its lower position, as shown in the drawing, the clothes are placed upon the bars, and the rack is then drawn up into near proximity to the ceiling and the ring K placed upon the stud M. When it is desired to remove the clothes from the rack, they are again lowered to the position shown in the drawing, when the ring K comes in contact with the bracket of the pulley F and prevents the further descent of the rack.

Any metallic parts liable to come in contact with the clothes may be of copper or galvanized iron.

A series of the driers would commonly be used, each one having independent movement, as represented in the drawing, and the outer bars of the contiguous racks may be the same distance asunder as the two bars in the same rack, namely, eight inches, more or less.

Claim.

I claim as my invention—

The bars J J', frames I I, cords G H, pulleys E F, ring K, and stud M, all arranged substantially as and for the purpose specified.

In testimony of which invention I have hereunto set my hand.

CHAS. R. ANDERSON.

Witnesses:

SAML. KNIGHT,
HENRY G. ISAACS.