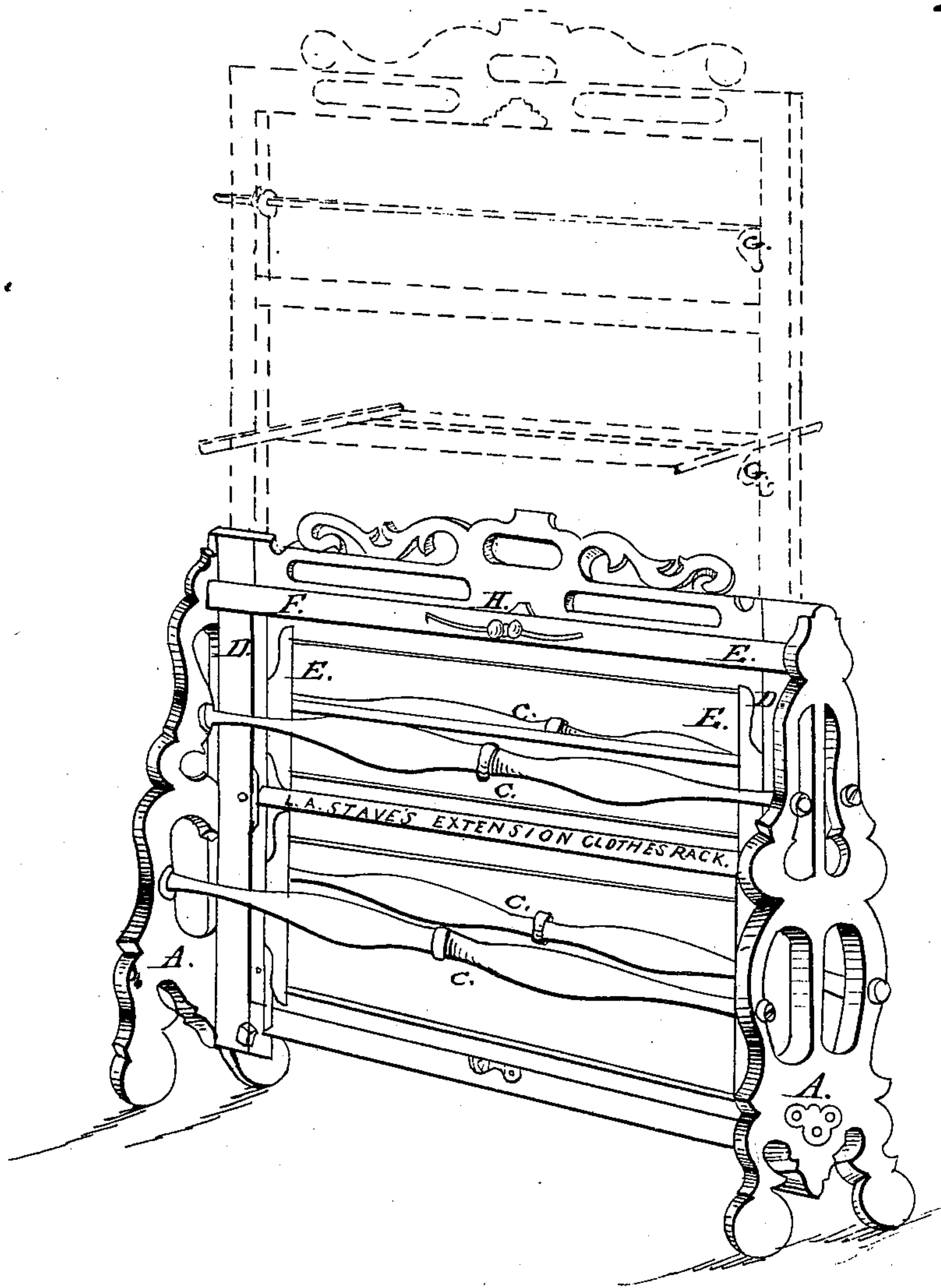


*L. A. Stave,*

*Clothes Drier.*

*No. 102,059.*

*Patented Apr. 19, 1870.*



WITNESSES:

*Chas. F. Frost*  
*J. J. Powers*

INVENTOR:

*Lewis A. Stave*  
PER *Thornell Ellsworth & Co.*  
attorneys.

# United States Patent Office.

LEWIS A. STAVE, OF OCONOMOWOC, WISCONSIN.

Letters Patent No. 102,059, dated April 19, 1870.

## IMPROVED CLOTHES-DRIER

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

To all whom it may concern :

Be it known that I, LEWIS A. STAVE, of Oconomowoc, in the county of Waukesha and State of Wisconsin, have invented certain Improvements in Clothes-Racks; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

My invention relates to an improvement in clothes-driers.

The invention consists in so constructing a clothes-drier as to economize in room, &c., of which the following is a description.

Inside of the bracket ends are two vertical ways or guides, D D.

E E is a square paralleled frame, containing a groove in either outside edge, corresponding to and fitting upon the aforesaid ways D D, so as to admit of the frame E E being readily raised and lowered, as shown in the black lines below and dotted lines above.

In frame E E are fitted two panels or light oblong frames, pivoted at their centers into the upright frame E E, so that they can fully revolve upon said pivots to a horizontal or vertical position.

Upon the out-arms of said frames are light and suitable rods on which to hang clothes or any article to dry or air.

Upon the pivots at one end of both of said frames

are small pulleys, around each of which passes a running cord, attached to a spring at the top and to a sliding clip at the lower end, said clip being attached by a slot and screw to the bottom girt of frame E E, in such position that when the frame E E is raised up to its proper height, said clip comes in contact with a fixed girt, F F, running from one side of the bracket-frame to the other. Being resisted by said girt, the cord and clip are drawn endwise, and rotate the aforesaid frames from a vertical to a horizontal position, ready for use.

Latches, G G, are locked under said frame to sustain them in proper position.

H is a spring-knob catch, which latches under a stop and sustains frame E E in proper place for use, as shown by dotted lines on drawing.

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

1. The rising and falling frame E E, with its revolving panel-frames, as constructed and operated, for the purpose specified.

2. The combination of frame E E with the main bracket-frame A A, as constructed and operated, and for the uses and purposes before mentioned.

LEWIS A. STAVE.

Witnesses:

WARTRAM PARKS,  
C. M. SMITH.