

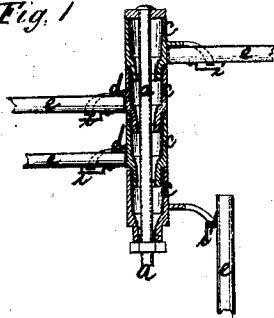
*L. D. Howard,*

*Clothes Drier.*

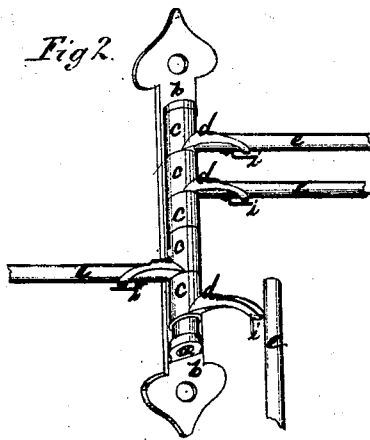
*No. 111,747.*

*Patented Feb. 14, 1871.*

*Fig. 1*



*Fig. 2*



*Witnesses*  
*H. J. Peck*  
*M. R. Anton.*

*L. D. Howard, Inventor*  
*by Geo. E. Brown,*  
*his Attorney.*

# United States Patent Office.

LEONARD D. HOWARD, OF ST. JOHNSBURY, VERMONT.

Letters Patent No. 111,747, dated February 14, 1871.

## IMPROVEMENT IN CLOTHES-DRIERS.

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

I, LEONARD D. HOWARD, of St. Johnsbury, Caledonia county, Vermont, have invented certain Improvements in Clothes-Driers, of which the following is a specification.

Figure 1 is a sectional elevation, and

Figure 2 is a perspective view.

This invention relates to a clothes-drier, in which any desired number of rings is placed in succession upon a supporting-rod, each ring having a socket cast upon its exterior, for the reception of the arm on which the clothes are hung; and

The invention consists in the combination of said arm and socket, when the former is provided with a hook, and is so arranged that, when the arm is thrust back into the socket, it is held thereby at right angles with the supporting-rod, and when the arm is drawn out of the socket, the hook catches over the latter, and the arm hangs suspended thereby.

Referring to the drawing—

*a* is the supporting-rod, mounted in lugs that extend from the bracket *b*, which is intended to be fastened to a wall.

*c* are the rings that are placed on the supporting-

rod, each ring fitting partly within the one next above it.

*d* are the sockets that are cast with and extend from the rings.

*e* are the wooden arms, and

*i*, the hooks, the latter being fastened in the lower sides of the arms, and near their inner ends, and extending downward through the openings in the bottoms of the sockets.

As long as the arms are thrust back into the sockets, so as to stand out straight therefrom, the hooks *i* are not in use; but when the arms are drawn out so far as to lose the support of the upper rear parts of the sockets, the hooks catch over the lower front part of the sockets and hold the arms hanging downward.

I claim as my invention—

The arrangement of the rod *a*, rings *c* fitting one within the other, socket *d*, arms *e*, and hooks *i*, all constructed and operating as specified.

Witnesses: LEONARD D. HOWARD.

A. G. CHADWICK,  
A. M. CHADWICK.