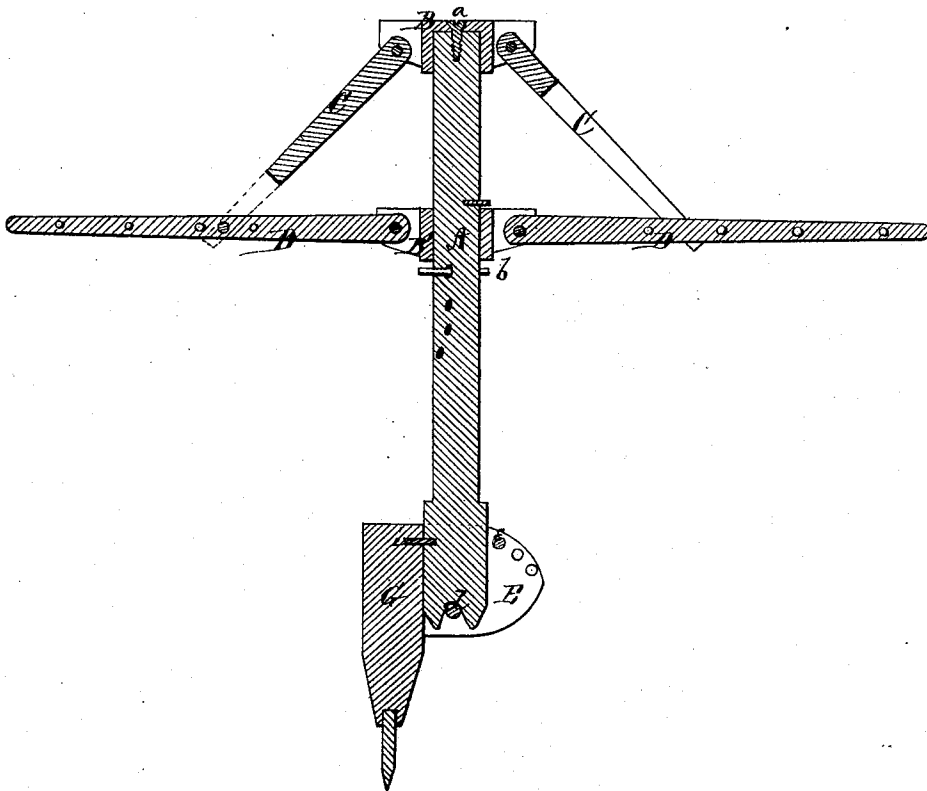


Patented Dec. 20. 1870.



Witnesses.
J. Hutchinson
C. L. Quirk.

Inventor.
John V. Elliott.
Per Alexander Massey
Atty.

United States Patent Office.

JOHN T. ELLIOTT, OF GRAND RAPIDS, MICHIGAN.

Letters Patent No. 110,347, dated December 20, 1870.

IMPROVEMENT IN CLOTHES-DRIERS.

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, JOHN T. ELLIOTT, of Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Clothes-Driers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "clothes-drier," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a vertical section of my clothes-drier.

A represents a round post of any suitable dimensions, having its lower end made square.

On the upper end of the post A is placed a collar, B, or socket, which is pivoted on the post by means of a central screw, *a*, as shown, so that it can be turned around on the post.

This collar B is provided on its outer circumference with ears or projections at equal distances apart, in which are pivoted braces C C.

The lower ends of these braces are pivoted to the arms D D, the inner ends of which are, in turn, pivoted to or between ears or projections on a collar, B', that slides up and down on the post A.

The arms D D are provided with holes, as shown, through which is passed the clothes-line or clothes-lines.

Any tension can be given the lines by raising or lowering the collar B'. Especially is this adjustability useful to prevent great strain on wet lines.

The collar B' is held at any height desired by means of a pin, *b*, as shown.

The lower end of the post A, as above mentioned, is square, and in the lower end is made a groove. This end of the post A is inserted between two ears, E E, permanently secured one to each side of a stationary post, G, and the groove in the end of the post A fits over a pin, *d*, passed through said pieces E E.

Another pin, *e*, also passed through these pieces, holds the post A in an upright position, it being prevented from being lifted out by means of a pin, *i*, projecting from the stationary post G, between the pieces E E into the post A.

By taking out the pin *e* and leaning the post A far enough to disengage the pin *i*, the post C can be lifted out, the arms folded, and the clothes-drier put out of the way.

The pin *e* may be changed into other holes in the pieces E E and the post C tilted to any desired angle, so that the lines may be reached conveniently by a person standing on the ground.

Having thus fully described my invention,

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

The combination of the stationary post G, pieces E E, pins *d*, *e*, and *i*, and the post A, said post being grooved at its lower end, and provided with the collars B B', braces C C, and arms D D, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 3d day of November, 1870.

Witnesses:

J. D. BOYD,
H. B. DAVIS.

JOHN T. ELLIOTT.