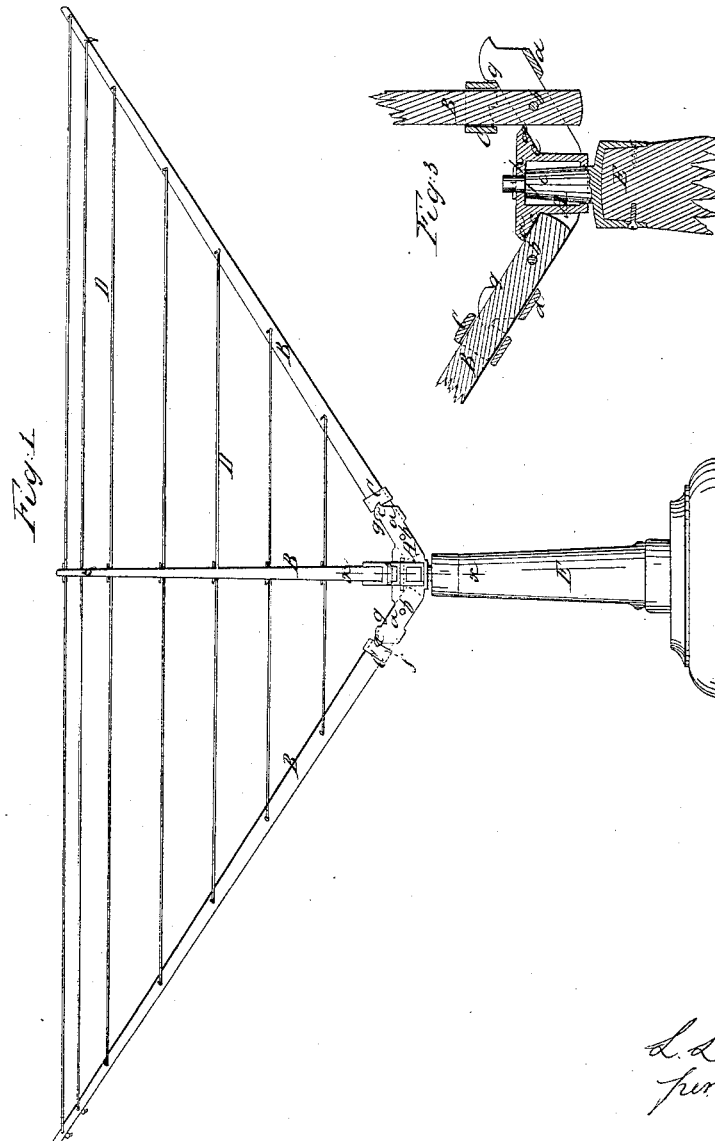
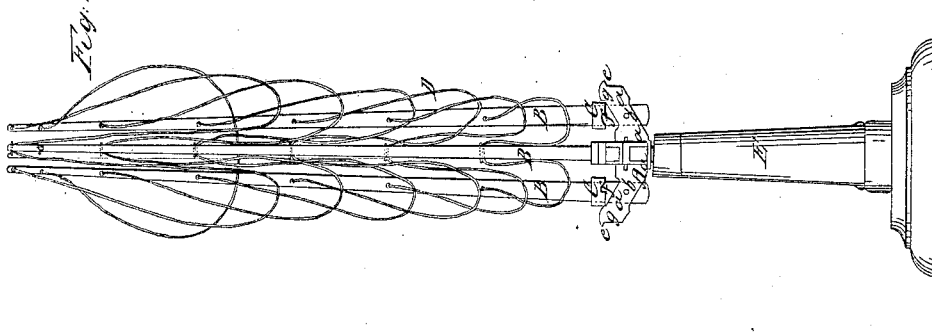


# L. Ling, Clothes Drier,

N<sup>o</sup> 44,964.

Patented Nov. 8, 1864.



Witnesses,  
Harry Morris  
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# UNITED STATES PATENT OFFICE.

LORENZO LING, OF PULASKI, NEW YORK.

## IMPROVED CLOTHES-DRIER.

Specification forming part of Letters Patent No. **44,964**, dated November 8, 1864.

*To all whom it may concern:*

Be it known that I, LORENZO LING, of Pulaski, in the county of Oswego and State of New York, have invented a new and Improved Clothes-Drier; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation of my invention adjusted for use; Fig. 2, an elevation of the same in a folded state; Fig. 3, a vertical section of the main portion of the same, taken in the line *x x*, Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to an improvement in that class of clothes-driers which are composed of adjustable drying arms having a line or lines attached.

The invention consists in an improvement in the metal head to which the arms are attached, and in using in connection with the head a slide on each arm, all being constructed and arranged in such a manner that the arms will be locked automatically when adjusted in both an unfolded or working position and in a folded position, and each arm allowed to work or fold and unfold independently of the other.

A represents a cast-metal head provided with radial flanges *a*, which form sockets to receive the wooden arms B, the latter being secured in the former by pins *b*. The inner ends of the arms B, when in an unfolded position, bear at their upper surfaces against shoulders *c* at the central part of the head A, and the under surfaces of said arms bear upon cross-plates *d* at the outer and under sides of the sockets, as shown more particularly in Fig. 3, and each arm B has a metal slide, C, upon it. The outer ends of the flanges *a* at their upper parts are formed or cast with points or spurs *e*, and the inner ends of the slides C are provided with notches or recesses *f*, to receive the points or spurs *e* and firmly secure the arms B in the position designed

for them when in use—that is, with the upper surfaces of their inner ends bearing against the shoulders *c* and their upper surfaces just beyond the pins *b* resting on the cross-plates *d*, the arms when thus adjusted having an inclined position, as shown in Fig. 1. The upper edges of the flanges *a* are cast with notches or recesses to form shoulders *g*, against which the slides C bear when the arms are turned upward in a vertical position, as shown clearly in Fig. 2. Thus it will be seen that the arms B are retained in position both in a folded and unfolded state.

The wind, when the device is in use, cannot blow upward the arms nor disarrange them in any way, and the slides C will adjust themselves so as to lock the arms when the latter are moved either to a folded or unfolded position.

The arms B have a clothes line or cord, D, passing through them in the usual or in any proper way, and two diagonal lines or cords may be used to support or brace the arms and preserve them from the strain to which they would otherwise be subjected under the weight of the clothes on the line or cord.

The head A has a vertical hole, *h*, made centrally through it to receive a pin, *i*, on the top of a post, E, the latter being sunk into the earth or retained in a vertical position. The pin *i* is provided with a shoulder, *j*, at its upper part, on which the head A rests and turns, as shown in Fig. 3.

The head and arms when not required for use may be readily removed from the post E, the arms being previously folded and said parts stowed away in a small compass.

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

The slides C on the arms B, provided with the recesses *f*, in combination with the points or spurs *e* at the ends of the flanges *a* of the head A, and the shoulders *g* on the upper edges of said flanges, all arranged substantially as and for the purpose herein set forth.

LORENZO LING.

Witnesses:

ADONIRAM FISHER,  
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