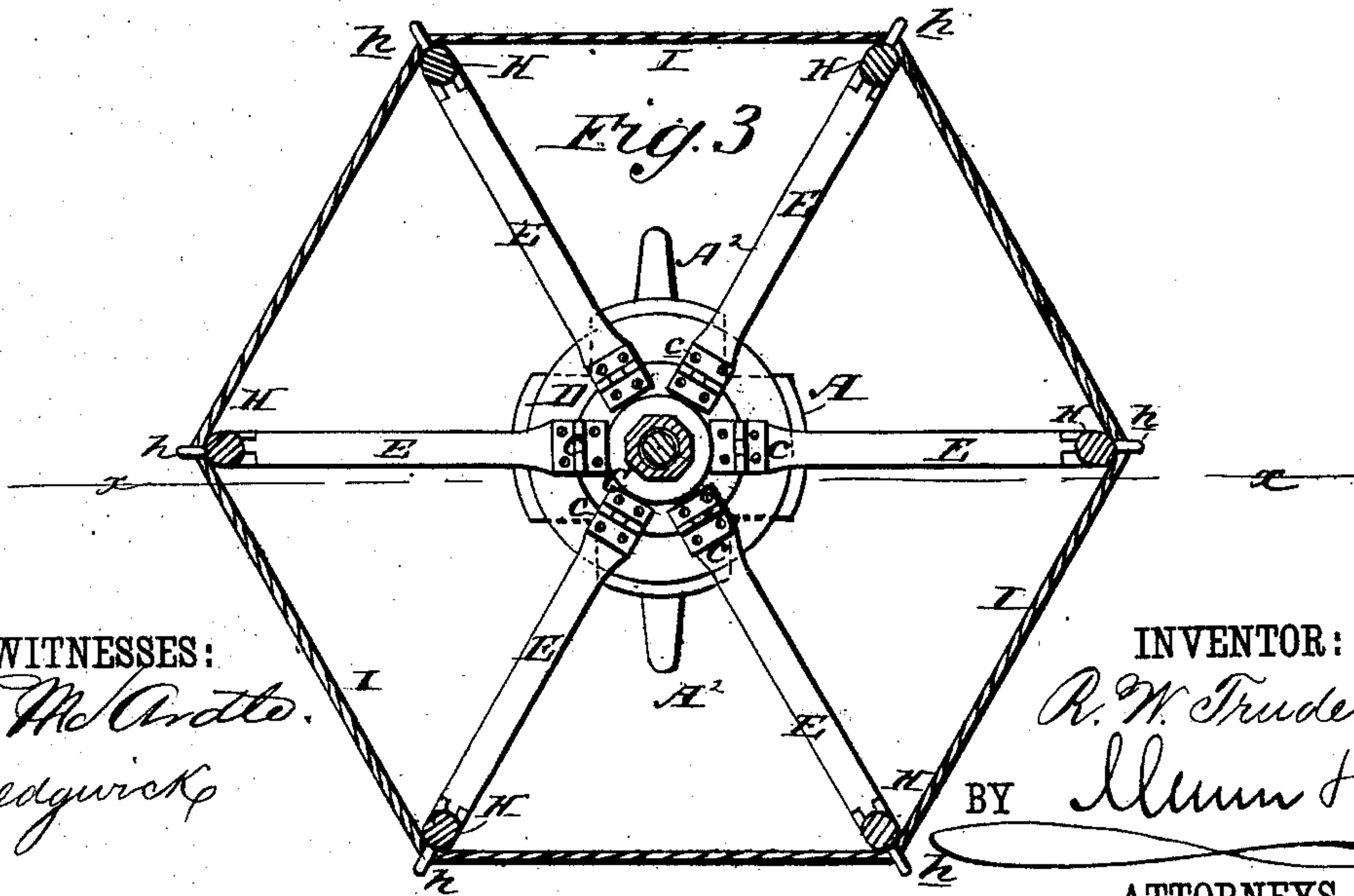
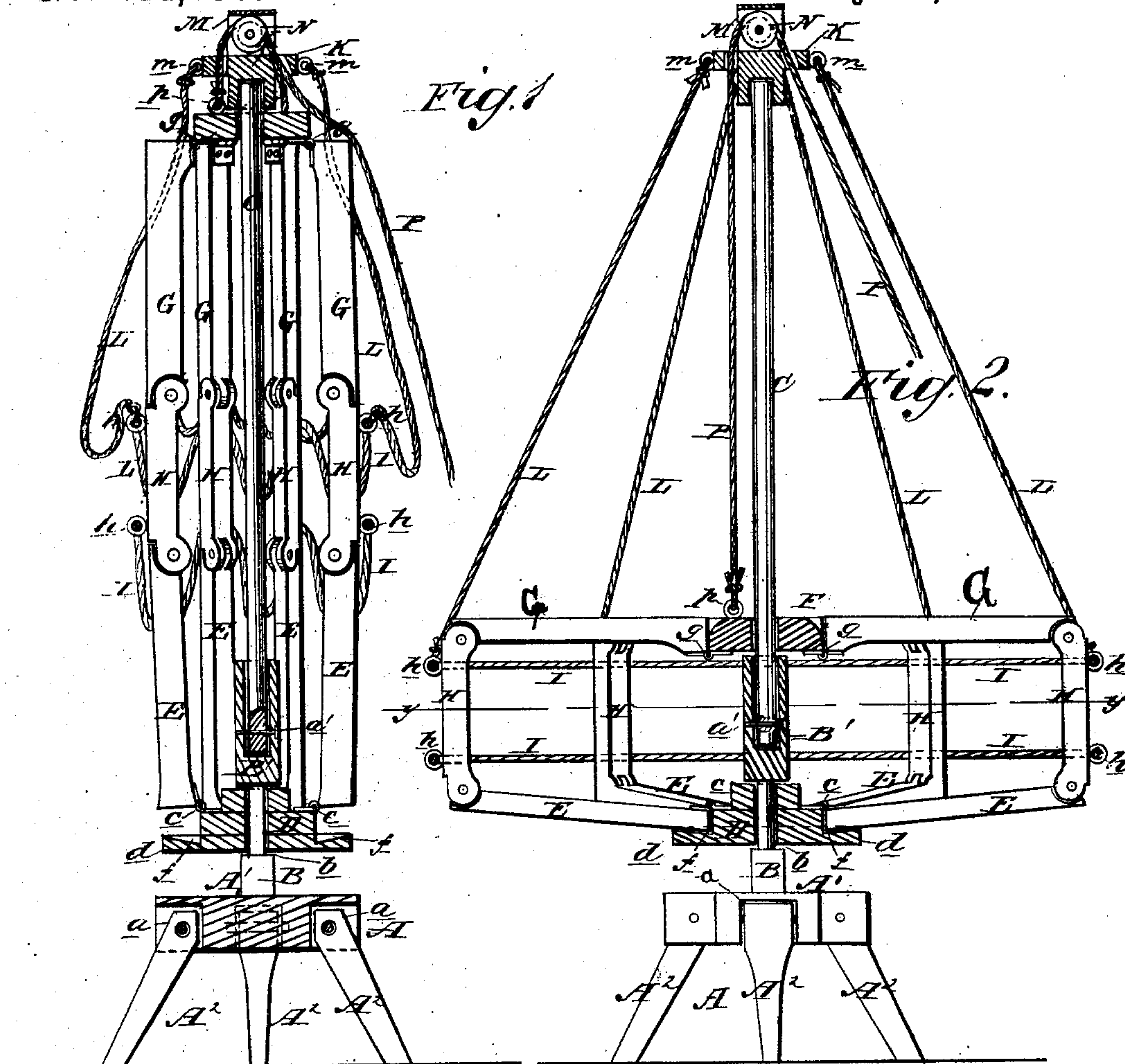


(Model.)

R. W. TRUDE.  
CLOTHES DRIER.

No. 244,835.

Patented July 26, 1881.



WITNESSES:  
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ATTORNEYS.



# UNITED STATES PATENT OFFICE.

RECE W. TRUDE, OF LOCK HAVEN, PENNSYLVANIA, ASSIGNOR TO HIMSELF  
AND TOBIAS WETZEL, OF SAME PLACE.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 244,835, dated July 26, 1881.

Application filed January 28, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, RECE W. TRUDE, of Lock Haven, in the county of Clinton and State of Pennsylvania, have invented a new and Improved Clothes-Drier, of which the following is a specification.

The object of this invention is to provide a cheap, simple, and durable folding drier for drying clothes.

Figure 1 is a partly-sectional elevation of the device folded. Fig. 2 is a partly-sectional elevation of the same, open, on line *x x*, Fig. 3. Fig. 3 is a plan of the same on line *y y*, Fig. 2.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the supporting-standard of the reel, consisting of a horizontal block, A', having side sockets, *a*, in which are hinged or pivoted the legs A<sup>2</sup>, so that they can be folded in a vertical position, or be spread out, as shown, to support the device when open.

Projecting upward from the center of the standard A is a rod, B, having a vertically-socketed block, B', on its upper end, in which block B' an upright rod or staff, C, is secured by a pin, *a'*. On the round part of this rod B, below the block B', is set the lower wheel or hub, D, so that it shall rest on the shoulder *b* of said rod B and revolve on the round part thereof.

To the wheel D the arms E are hinged by hinges *c*, so that said arms E, when the reel is open, extend radially and nearly horizontally, inclining upward a little, with their inner ends supported on the lower annular flange, *d*, of said wheel D, in depressions *f* provided for that purpose.

On the vertical rod or staff C is placed the upper wheel, F, to which are hinged by hinges *g* the radial arms G. The outer end of each arm G is connected with the end of a corresponding arm, E, by a link, H, pivoted thereto in such a manner that when the reel is opened, as shown in Fig. 2, by the lowering of the wheel F, the links H assume vertical positions, and

the arms E G horizontal, or nearly horizontal, positions, as shown. Each link H is provided on its outer face with one or more screw-eyes or staples, *h*, which hold the clothes-line I that is passed through them, so that when the reel is opened the clothes-line I is drawn taut horizontally. The drier, consisting of the wheels or hubs D F, arms E G, and links H, revolves readily about its supports.

A cap or head-block, K, is fixed on the top of the staff C, and to its periphery are secured, by screw-eyes *m* or other convenient devices, the upper ends of the cords or ropes L, whose lower ends are made fast to links H, whereby the hinges and arms of the reel are somewhat relieved of the strain caused by the weight of the clothes. On the top of this cap K are two vertical lugs or standards, M, that have journaled between them a vertically-revolving sheave, N, over which is passed a rope, P, one end of which is made fast to the top of the wheel F by means of a screw-eye, *p*, or other convenient device, while the other end hangs free within reach of the operator. By means of this rope P the reel can be raised and closed or lowered to an open position.

When the reel is not in use the wheel or hub F can be drawn to the top of the staff C by means of the rope P, with the effect of folding the arms E G and links H in a vertical position close about the staff C, as shown in Fig. 1.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with a reel having the arms E G, hinged to heads D F and connected by links H, of the staff C, carrying a head-block, K, having pulley N and provided with screw-eyes *m*, the ropes L, attached to links H and head-block K, and the rope P, made fast to the sliding hub F and passing over pulley N, as and for the purpose specified.

RECE W. TRUDE.

Witnesses:

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