

*C. A. Kalck,*

*Clothes Line Holder.*

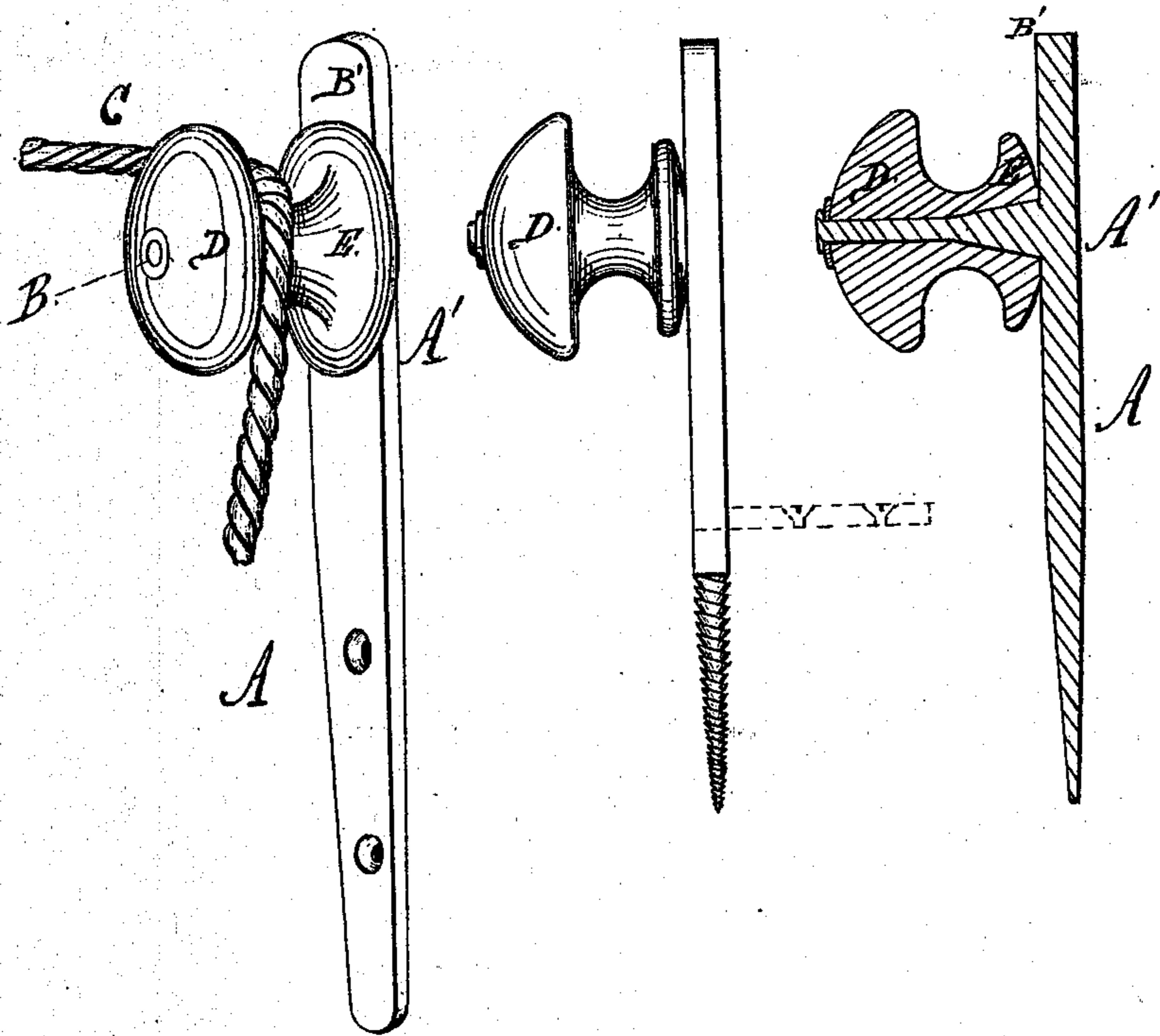
*No. 104,597.*

*Patented June 21, 1870.*

*Fig. 1.*

*Fig. 2.*

*Fig. 3.*



*Witnesses:*

*James L. Norris.*  
*J. L. Allen.*

*Inventor:*

*Carl A. Kalck*  
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*Attys*

# United States Patent Office.

CARL A. KALOK, OF PHILADELPHIA, PENNSYLVANIA.

*Letters Patent No. 104,597, dated June 21, 1870.*

## IMPROVED CLOTHES-LINE HOLDER.

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, CARL A. KALOK, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Clothes-line Holders; and I do hereby declare the following to be a full, clear, and exact description thereof, sufficient to enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a perspective view of the device, illustrating my invention.

Figure 2 represents modifications thereof.

Figure 3 is a central vertical section.

Similar letters of reference indicate corresponding parts in the figures.

My invention relates to a device for holding clothes-lines; and

It consists of a grooved roller mounted upon a conical pintle which is cast with the back plate having an extended head, all of which will hereinafter be described.

In the drawing—

A represents a pin, which is to be driven into the wall or fence and stand vertically.

In the upper or main portion A' of said pin there projects, horizontally, a pintle or rod, B, which forms a pivot for a roller, C.

This roller is grooved circumferentially, so that, in transverse section or side view, it forms somewhat of a double hook, of which D is the head and E the back.

The pintle is of conical form, and is cast with the pin A.

The opening in the roller C is of similar conical form, so that the friction of the roller is mainly on the pintle, and thus the back E of the roller is partly relieved from friction with the pin.

It will be seen that the roller is arranged at or about right angles to the axis of the pin, and the head of the pin is free, in order to be struck for driving the pin into position. The pin may, however, be formed with a series of openings, so as to be screwed into place, or its lower end may be screw-threaded or be bent at right angles to the main portion A' for the same purpose.

It is well known that clothes or wash-lines are run

diagonally from fence to fence, or fence to wall, or elsewhere, and there is naturally rubbing and chafing of the rope or line.

Vertically-arranged rollers have been employed to remedy this defect, but another one is encountered. When the rope is slack or slackens it will invariably slip therefrom and foul with the place of connection. All drawing or pulling on the rope only serves to increase the difficulty, and soon the rope wears out.

My invention is designed to overcome these evils.

When the holder is in place, the line is easily thrown on the roller, and then drops into the groove thereof.

There can be no displacement forward or backward in view of the head and back of the roller, and, consequently, no fouling of the line between the back E and the main portion A' of the pin, either in running out or hauling in, since it rests in the groove of roller, whether taut or slack.

In hauling in the line, both ends thereof must first be loosened, and it is apparent that a person need occupy but one stand-point to draw in the whole line. There will be no change in his position for throwing off the line from each hook or for clearing it, since there exists no obstacle to the freedom of the line.

It will be seen that I avoid chafing or rubbing of the line, even in the operation of tightening, the bending down by the weight of the clothes, or the subsequent swaying of the wind, and produce a simple and convenient device.

I do not claim, broadly, a roller for the purposes of a clothes-line holder; but,

Having described my invention,

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

As a new article of manufacture, the clothes-line holder, consisting of the conical pintle B and pin A, with its extended head B' cast in one piece, and the grooved roller C D E, combined and operating together as herein shown and described.

The above specification of my invention signed by me this 4th day of April, 1870.

CARL A. KALOK.

Witnesses:

CHS. ALBERT REICHARD,  
FRANCIS H. REICHARD.