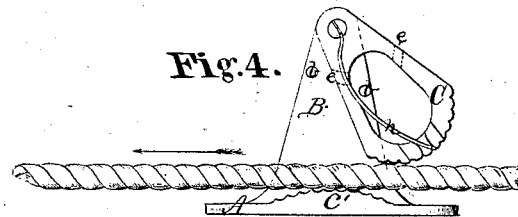
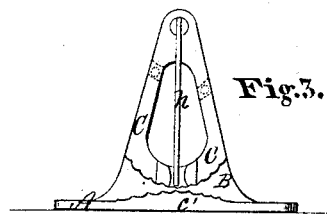
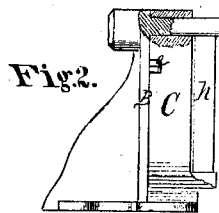
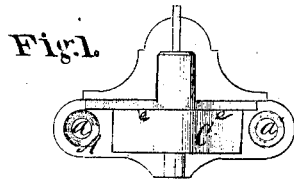


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PATENTED FEB 14 1871

**H. J. HENDEY.**  
Clothes Line  
**Fastener.**



Witnesses:

Cha. Henshaw  
Villette Anderson

Inventor.

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Attys.

# United States Patent Office.

HENRY J. HENDEY, OF WOLCOTTVILLE, CONNECTICUT.

Letters Patent No. 111,843, dated February 14, 1871.

## IMPROVEMENT IN CLOTHES-LINE FASTENERS.

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, HENRY J. HENDEY, of Wolcottville, in the county of Litchfield and State of Connecticut, have invented a new and valuable Improvement in Clothes-Line Fastener; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of my invention in front view.

Figure 2 is a side view of the same.

Figure 3 is a plan view

Figure 4 is a plan view, showing the application of the clothes-line.

My invention has relation to clothes-line fasteners, and consists in the construction and novel arrangement of a cam-clutch intended to serve as an efficient means for holding one end or any portion of a clothes-line rigidly in any required position.

The letter A of the drawing represents the back-plate of my fastener, provided at its ends with suitable screw-holes, *a a*, for the passage of the screws by which the fastener is secured to a fence or other stationary rest.

The central portion, *c*, of this back-plate is convex, and vertically grooved or corrugated.

Extending out in front of this back-plate, and cast therewith, is the bracket, provided with a supporting rib, *b*, on its under side.

*O* represents the cam, which is secured to the plate B near its end by the spindle *b*, and is intended to swing horizontally thereon.

This spindle extends through the cam, projecting about the width of the spring *h*.

The cam *O* is slotted longitudinally, and is provided, in the under edges of the lateral walls of the slot, with the oblique circular grooves *e e*, through which pass the pins *b' b'*, which extend upward from the back-plate B. When the cam is moved in either direction, one of these small pins strikes against the opposite inside wall of the slot in the cam and prevents it from swinging too far and breaking the spring.

The end of the cam *O* is convex and corrugated, as shown at *c*, and its central point just escapes the convexity of the plate A.

*h* represents the spring, one end of which is secured in the spindle *b* in such a manner as to prevent it from becoming loose or falling out. This spring serves to keep the cam always pressed against the clothes-line.

The other end of this spring passes between small lugs, *f*, on the cam *O*, but is not fastened there.

The operation is as follows:

The cam is pulled to one side and the clothes-line adjusted between its corrugated end and the back-plate A in the required position.

By pulling the clothes-line in the direction of the arrow, as shown in fig. 4, the spring *h*, holding the cam *O* in position against the rope, it will be securely held by its own tension.

While the corrugations of the cam have the convex or scalloped form, those of the plate A are fluted or concave. The object of this arrangement is to provide for the better security of the rope, as it will be pressed into the concave channels of the plate A by the convex ribs of the cam.

This cam, by its simple construction, small size, and the cheapness with which it can be manufactured, renders it very useful for the purpose for which it is intended. It can be cast out of iron, brass, or other metal, or it can be made of wood.

Having thus described my invention,

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

The clothes-line fastener herein described, having corrugated cam *O*, corrugated back-plate A, spring *h*, and pins *b' b'*, substantially as and for the purposes specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HENRY J. HENDEY.

Witnesses:

CHAS. F. CHURCH,  
W. S. LEWIS.