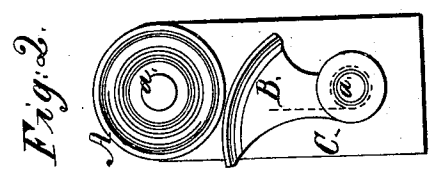
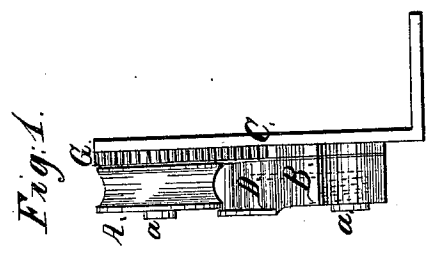


H. Morgan,
Clothes-Line Fastener,
No. 77,750, Patented May 12, 1868.



Inventor:

Witnesses:

Howes Norris

W. H. Emerson

H. Morgan
by his attys

Sadmer & Hyde

United States Patent Office.

HENRY MORGAN, OF SPRINGFIELD, MASSACHUSETTS.

Letters Patent No. 77,750, dated May 12, 1868.

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, HENRY MORGAN, of Springfield, Hampden county, Commonwealth of Massachusetts, have invented a new and useful Improved Clothes-Line Holder; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the drawings—

Figure 1 is a side view, and

Figure 2 a front view of my device.

This invention consists of a new and improved arrangement for holding a clothes-line while it is stretched, and also enabling it to be stretched more perfectly.

In construction, I form my device with a pulley, A, of a size corresponding to the size of the rope intended to be held by it, and a cam, B, arranged upon a plate, C, by means of rivets *a* and *a*. The cam B has a spring in it or attached to it, which presses it against the pulley, as shown in fig. 1; and the rope being put through between the pulley and the face of the cam, can easily be drawn one way, as the friction would pull the cam-face away from the pulley; but if the rope should be pulled in the other direction, the cam would be drawn with it towards the pulley, and clamp the rope between them, holding it more tightly as it was drawn tighter. The face of the cam, at D, is corrugated, so as to give a greater friction when holding the rope, and the pulley is grooved, so that the rope fits closely to it, and is not apt to get out of place when an angle is taken by its two directions, the apex being formed at the pulley.

The plate C may be formed in any convenient shape for attaching the device to fences, posts, &c., and is furnished with screw-holes.

I render the action of the clamp formed by the cam and pulley more certain by furnishing them with gear *c c*, &c., so that when the pulley turns, the cam is obliged to move with it.

By this means I obtain a simple device, answering all the requirements of its design in the most satisfactory manner, and one having the great advantage of holding the rope at any angle, and yet providing it with a pulley when it is desired to shift it.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the pulley A and cam B with the gear *c c*, when arranged upon a plate, C, substantially in the manner and for the purpose shown.

HENRY MORGAN.

Witnesses:

EDWARD H. HYDE,

J. B. GARDINER.