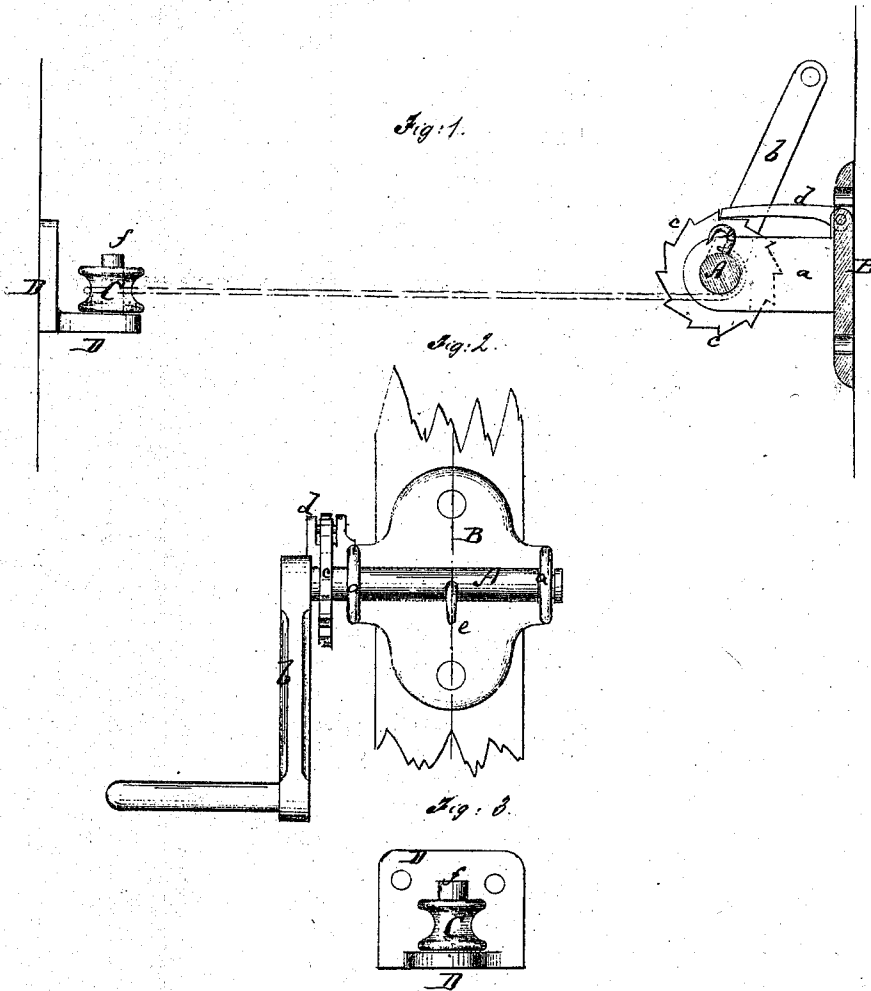


N. E. Buffington,

Line Fastener.

No. 104419.

Patented June 21, 1870



Witnesses:

Chas. Nida.
S. S. Mabee

Inventor:

N. E. Buffington
PER *Mmm*
Attorneys.

United States Patent Office.

NATHANIEL E. BUFFINGTON, OF NORTH PROVIDENCE, ASSIGNOR TO HIMSELF, JOHN RICH, AND LYSANDER FLAGG, OF SMITHVILLE, RHODE ISLAND.

Letters Patent No. 104,419, dated June 21, 1870.

IMPROVED CLOTHES-LINE HOLDER AND STRETCHER.

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, NATHANIEL E. BUFFINGTON, of North Providence, in the county of Providence and State of Rhode Island, have invented a new and improved Clothes-line Holder and Stretcher; 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 drawing forming part of this specification.

Figure 1 represents a side view, partly in section, of my improved clothes-line holder.

Figure 2 is a front view of the stretcher.

Figure 3 is a side view of the friction-holder.

Similar letters of reference indicate corresponding parts.

The invention consists in the use of a windlass provided with a ratchet and pawl, in combination with a pin, upon which a friction-roller is placed, over which the line is laid, where it is bent to change the direction.

The friction-roller allows the line to be stretched by the weight or windlass without injury to the line. The vertical adjustment of the roller allows the line, when weighted, to play in a vertical direction without being chafed or worn.

A, in the drawing, represents the horizontal shaft of the windlass, hung in ears, *a*, that project from a plate, B.

The plate B is to be secured to a post or wall by means of screws or other suitable fastening devices.

The shaft A is provided with a crank, *b*, by means of which it can be revolved, and with a ratchet-wheel, *c*, locked by a pawl, *d*, to prevent the line from unwinding.

e is a hook, projecting from the shaft A. The end of the line is secured to this hook. By then revolving the shaft, the line can be wound up, and stretched *ad libitum*.

C is a friction-roller, fitted upon a vertical pin, *f*, that projects from the horizontal arm of an L-shaped plate or bracket, D.

The vertical arm of this plate is, by screws or otherwise, secured to a post or wall wherever the line is to be bent. The roller C is vertically adjustable on the pin *f*, for the purpose hereinbefore specified.

Having thus described my invention,

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

The crank-shaft A, provided with ratchet *e*, and journaled in ears *a a*, in combination with the pawl *d*, line *g*, bracket D, and pin *f*, with the friction-roller C, all constructed and arranged as and for the purpose specified.

NATHANIEL E. BUFFINGTON.

Witnesses:

ROYAL LEE,
EZRA G. FRENCH.