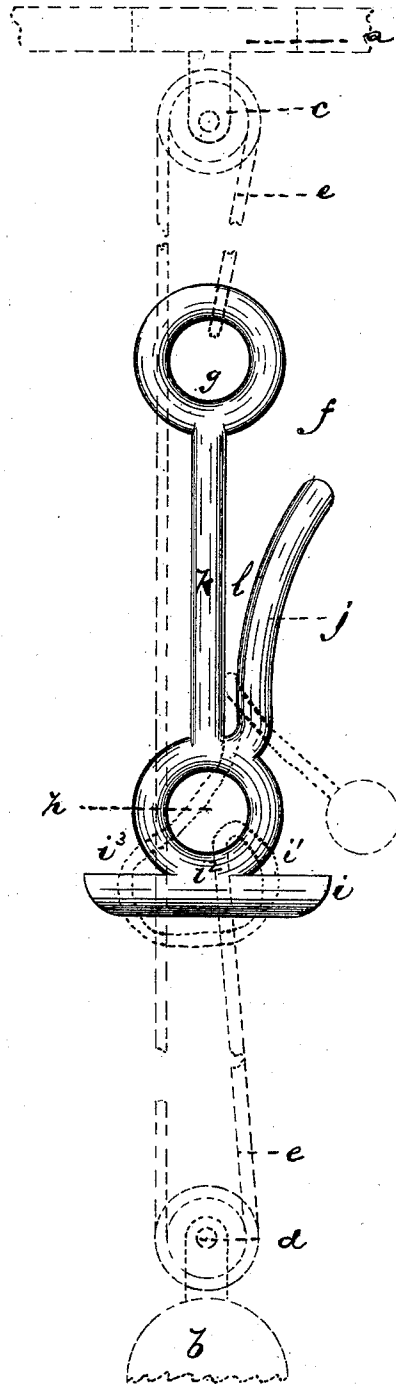


(No Model.)

W. F. KIEFER.
LINE OR ROPE HOLDER.

No. 465,577.

Patented Dec. 22, 1891.



Witnesses

Inventor

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UNITED STATES PATENT OFFICE.

WILLIAM F. KIEFER, OF NEWARK, NEW JERSEY.

LINE OR ROPE HOLDER.

SPECIFICATION forming part of Letters Patent No. 465,577, dated December 22, 1891.

Application filed May 6, 1891. Serial No. 391,723. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. KIEFER, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Line or Rope Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of this invention is to enable clothes-lines to be quickly and easily fastened ready to receive the clothes; and it consists in the improved fastener having the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the claim.

The accompanying drawing shows the device in plan, the clothes-line and other appendages being shown in dotted lines, the one figure being deemed sufficient to fully illustrate the device.

In the said drawing, *a* and *b* designate suitable fixtures for pulleys *c* and *d*, over which latter the clothes-line *e* is stretched. At one end of said line is secured the improved fastener *f*, which consists of a single metal casting having at one end an eye *g*, to which the line is tied at one end. At or near the opposite end of the device is another eye *h*, and

adjacent to this a cross-head *i*, extending oppositely from the axial center of the device. On the opposite side of the eye *h* from the cross-head is a hook *j*, which extends in an inclined direction, nearly parallel with the shank *k* toward the eye *g*, a narrow or acute angle *l* being formed into which the line may be forced and held. In lieu of the eye *g* other means for attaching the line may be provided and other modifications may be made without departing from the invention.

In operating the device the line is first fastened to the eye *g*. It is then brought around the pulley *c* and then to the pulley *d* and fastener *f*. Here it is extended through the eye *h* and out into the angles *i'* of the cross-head *i*, then across the face *i''* to the angle *i'''*, and thence back to the eye *h*, and to the hook *j*, where it is caught in the angle *l*, as will be understood.

What I claim as new is—

The fastener for clothes-lines, which consists of a shank *k*, having at one end means by which it can be secured to the clothes-line and at the other end having an eye *h*, a cross-head *i*, and hook *j*, all substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of April, 1891.

WILLIAM F. KIEFER.

Witnesses:

CHARLES H. PELL,
OSCAR A. MICHEL.