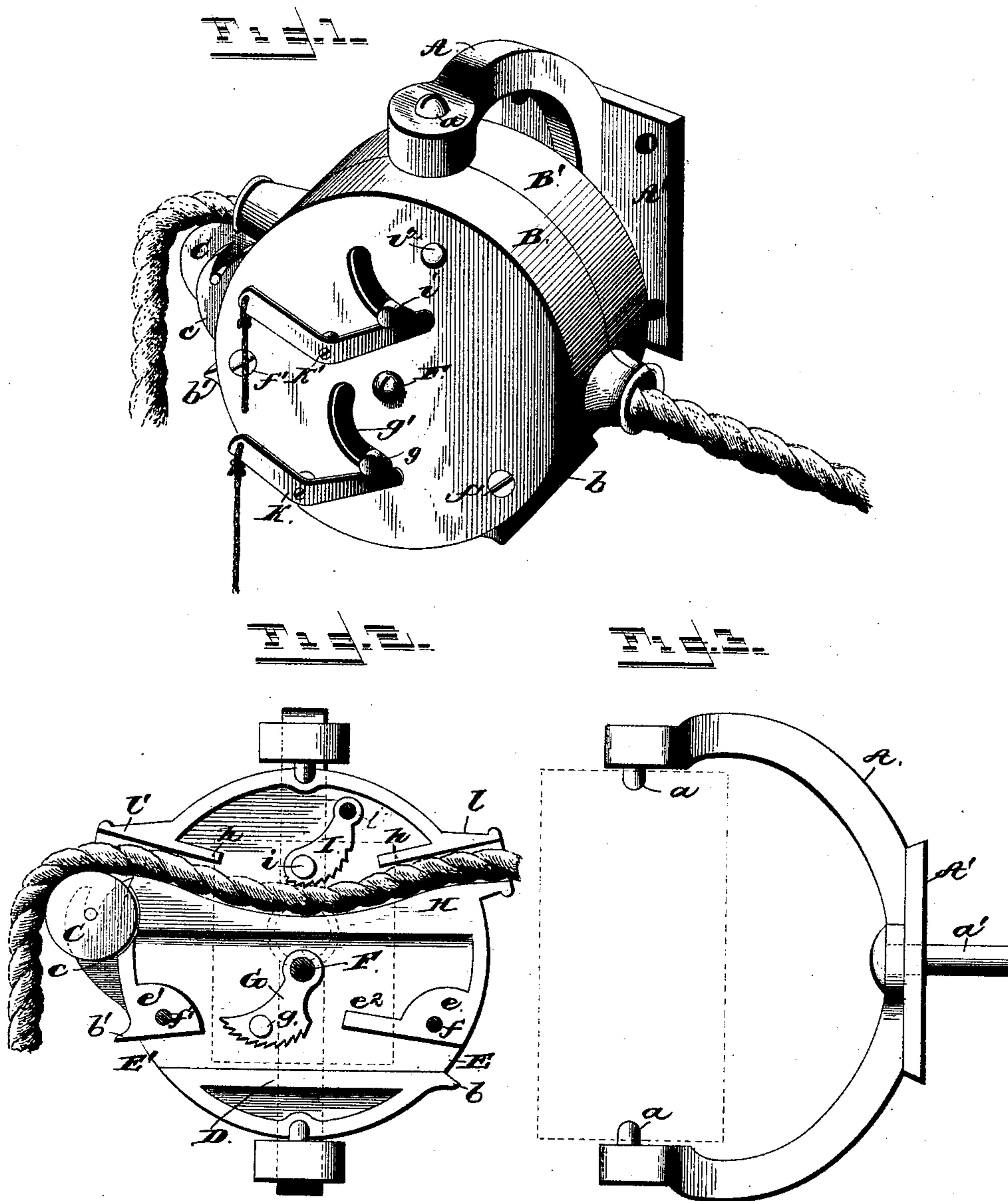


(No Model.)

W. H. HOLDER.  
ROPE OR LINE HOLDER.

No. 415,169.

Patented Nov. 12, 1889.



William H. Holder.

INVENTOR  
by *[Signature]*  
Attorney

WITNESSES  
*G. S. Elliott,*  
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# UNITED STATES PATENT OFFICE.

WILLIAM H. HOLDER, OF SEELYVILLE, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO EDWIN H. CARSWELL, OF JERSEY CITY, NEW JERSEY.

## ROPE OR LINE HOLDER.

SPECIFICATION forming part of Letters Patent No. 415,169, dated November 12, 1889.

Application filed October 8, 1888. Serial No. 287,572. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. HOLDER, a citizen of the United States of America, residing at Seelyville, in the county of Wayne and State of Pennsylvania, have invented certain new and useful Improvements in Rope or Line 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 letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in line or strap holders, the object of the same being to provide a device by means of which lines or straps can be adjusted, tightened, or made secure, the device being intended to be attached to a permanent support to which the fastening mechanism is pivotally secured, so as to adjust itself to the line of draft.

The device is adapted to be used in tightening lines, as clothes-lines, upon hitching-posts, and many other such uses in which it is desired to make a line or strap fast, so that it can be readily loosened or detached from the fastening when desired.

In the accompanying drawings, Figure 1 is a perspective view of my improved line and strap holder. Fig. 2 is a view showing the cap removed. Fig. 3 is a detail view of the yoke or support.

A refers to the yoke or support for the casing, the ends of which are formed with studs *a a*, to which the casing is pivotally attached. The base-plate *A'* of the yoke is provided centrally with a perforation through which passes a bolt for attaching the yoke to a building or post. If desirable, the studs *a a*, instead of being formed integral with the ends of the yoke, may be screw-threaded, so that by turning them they may be withdrawn from the arms.

The casing is made up of two parts or shells *B* and *B'*, which are recessed, so that the studs *a a* will engage therewith. These shells are provided on their peripheries with transverse projections *b* and *b'*, and also with lugs *c c*,

which have open-ended slots, which serve as a bearing for the shaft of a pulley *C*. The shells *B* and *B'* are provided with webs *D*, which extend from the opening or transverse slot *E* in the periphery of the casing to the slot *E'* opposite thereto, and adjacent to this web the shell *B'* is provided with solid portions *e* and *e'*, with screw-threaded recesses, with which the screws *f* and *f'*, for holding the case together, engage. The portion *e* has an outwardly-projecting tongue *e'*, which serves as a guide for the strap. The shells may also have projecting portions *l l'*, the portion *l* serving as a guide for the rope, while the portion *l'* serves as a hood, which extends partially over the pulley *C*.

To the center of the casing is pivoted by means of a bolt *F* a cam *G*, the edge designed to contact with the strap being serrated, and this cam is provided with a knob, which projects through the curved slot *g'* in the casing *B*, so that said cam can be raised thereby. If desirable, the cams may be faced with rubber.

Above the center of the casing *B'* is formed a bridge *H*, the upper surface of which is curved, and above this bridge are guide-tongues *h h*, between which the periphery of the casing has openings through which a rope may be passed. Above the tongues or inwardly-projecting strips *h h*, so as to operate between them, is a cam *I*, having a serrated face and projecting knob *i*, which extends through a curved slot, this cam being pivotally secured by a pin or rivet *i'*, which passes through one end of the cam and through the casing.

On the outer plane surface of the cap *B* are pivoted levers *K* and *K'*, each of which is bent at an angle, as shown, one end of these levers being provided with an operating-cord, while the other end is adapted to engage with the knobs *g* and *i* for raising the cams.

This improved line-holder is adapted to receive either a rope or strap. When it is desired to fasten a rope, it is passed through the perforations in the periphery of the casing and will be guided through the same by the tongues *h h* and bridge *H*, this bridge also providing a surface against which the rope



will be pressed when held by the cam. When it is desired to secure a strap, it is passed through the slotted openings E and E', and is guided by the portions  $e$ ,  $e'$ , and  $e^2$  within the casing and outside of the casing by the transverse projections  $b$  and  $b'$ .

This device is admirably adapted to be applied to a hitching-post, where it can be used for engaging with halters, whether made of rope or leather strap.

When it is desired to use the device for tightening clothes-lines, by drawing upon the line it may be tightened, and when it is desired to loosen the line by simply drawing upon the cord operating the lever the cam will be raised to disengage it from the line. By having the casing swiveled to the yoke it will turn upon its pivot, so as to be always parallel with the line of draft.

I am aware that prior to my invention cams held between suitable frames have been employed in connection with hitching-posts, also for fastening lines, and I do not therefore claim the use of the cams, broadly; but

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

1. The combination, in a line or strap holder, of the yoke A, pivotally supporting a two-part casing, said casing having openings formed in the periphery thereof, and a bridge

H, a cam pivotally secured between the casings and provided with a knob which extends through one shell of the casing operating said cam, and a pulley supported adjacent to one of the openings in the periphery of the casing, substantially as shown, and for the purpose set forth.

2. In combination with the yoke, the casing consisting of the shells B and B', pivotally supported in the yoke and provided with curved slots, cams G and I, with projecting knobs which extend through one of the shells, a circular opening and a slotted opening extending through said casing, and solid portions D and H beneath the cams, substantially as shown, and for the purpose set forth.

3. In combination with the casings B and B', having gravity-cams G and I, pivoted one above the other within the same, said cams having projecting portions which extend through slots in the casing, and levers K and K', pivoted to the casing to engage with said knobs for operating the cams, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM H. HOLDER.

Witnesses:

CHAS. A. DRUCKELBERG,  
DANIEL PEIL.