A. C. BELLING.

ROPE CLAMP.

APPLICATION FILED DEC. 6, 1909.

968,638. Patented Aug. 30, 1910.

Fig. 1.

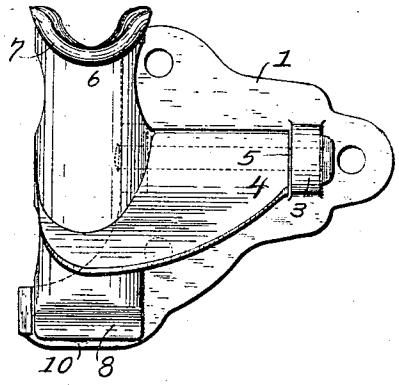
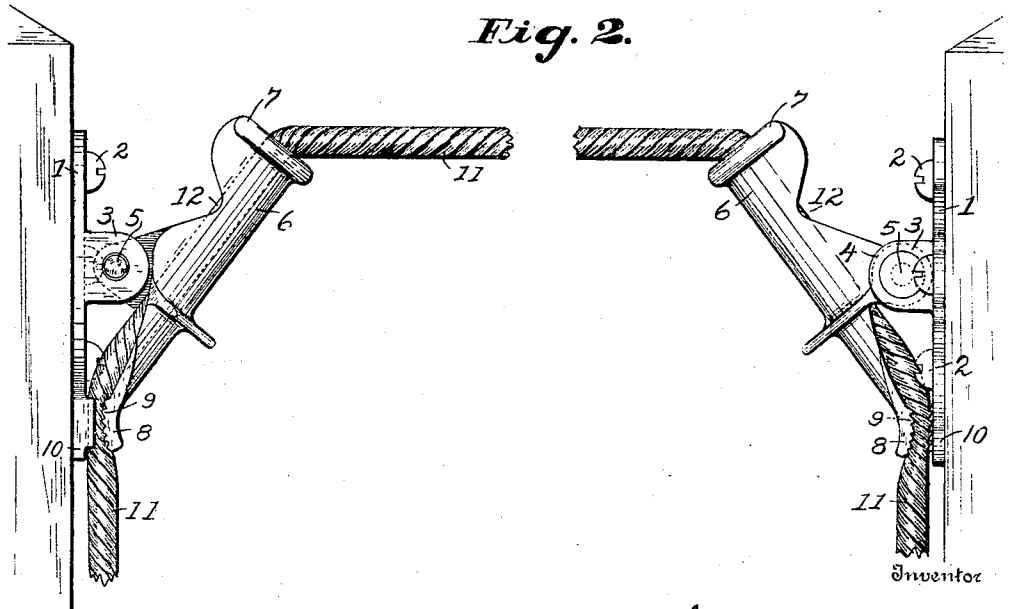


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

ARTHUR C. BELLING, OF BEAVER DAM, WISCONSIN.

ROPE-CLAMP.

968,638. Specification of Letters Patent. Patented Aug. 30, 1910.

Application filed December 6, 1909. Serial No. 531,565.

To all whom it may concern:

Be it known that I, ARTHUR C. BELLING, a citizen of the United States, residing at Beaver Dam, in the county of Dodge and State of Wisconsin, have invented a new and useful Rope-Clamp, of which the following is a specification.

My invention relates to improvements in rope clamps with particular reference to that class of clamps which are used for connecting clothes lines with their supports.

The object of my invention is to provide means whereby the line may be clamped at its ends or at any intermediate point to a post or other supporting object.

In the following description, reference is had to the accompanying drawings, in which—

Figure 1 is a front view of my improved rope clamp. Fig. 2 is a view, showing a pair of clothes line posts with my invention applied thereto in position of use.

Like parts are identified by the same reference characters in both views.

A plate 1 is adapted to be secured to any suitable support by screws 2. This plate is provided with outwardly projecting ears 3 to which a member 4 is secured by a pivot pin 5. This member 4 is preferably fin-shaped and extends outwardly and laterally with its outer end supporting a clamping lever 6, the latter being U-shaped in cross section at its upper end with an outwardly turned upper margin 7. At its lower end, this lever 6 is provided with a substantially flat member 8 having transverse serrations 9 and transversely serrated arm 10 of the plate 1, whereby when the lower end of the lever 6 is swung inwardly, it is adapted to clamp a rope 11 between it and the arm 10. The lever 6 is preferably supported in an offset position by the member 4, so that the said lever 6 may occupy a projecting position beyond the side of the post to which the plate 1 is secured, thus facilitating the insertion of the rope. The lever 6 preferably has its side margins recessed at 12, whereby any intermediate portion of the rope may be looped around the lever 6 at this point (which constitutes a neck portion) instead of securing the rope directly to the post.

It will be observed that with the described device, it is not necessary to thread the end of the rope between the clamping lever 6 and the plate 1, or between the lever and the post, since said lever is supported from one side only by means of the fin 4. Where it is desired to grip the rope at any intermediate point leaving an extended end portion unused, the rope may be slipped in laterally to clamping position and the unused end permitted to hang, as shown at the right hand in Fig. 2. The pressure of the rope upon the upper end of the member 6 tends to hold the latter in clamping position and the greater the tension upon the rope, the greater will be the binding pressure of the clamp.

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

In a device of the described class, the combination with a supporting plate provided with a pair of outwardly projecting ears and a downwardly and laterally projecting arm, of a pivot pin mounted in said ears, a sleeve mounted on said pin between said ears and provided with an outwardly and laterally projecting fin, a rope engaging lever integrally connected with said fin and supported thereby throughout its transverse extent and having an open channel in its inner face, said lever being supported by the fin with the channel beyond said ears, and said lever having a clamping jaw at its lower end adapted to engage the lower end of said arm and in line with said downwardly and laterally projecting arm and the lower end of said lever being adapted to engage a rope between it and said arm when the rope is adjusted in said channel.

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

ARTHUR C. BELLING.

Witnesses:

ARTHUR WILLIAM LUECK,

JOSEPH HAMMER.