

C. W. Huson

Rope Holder.

109412

PATENTED Nov 22 1870

Fig. 1.

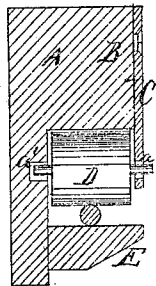
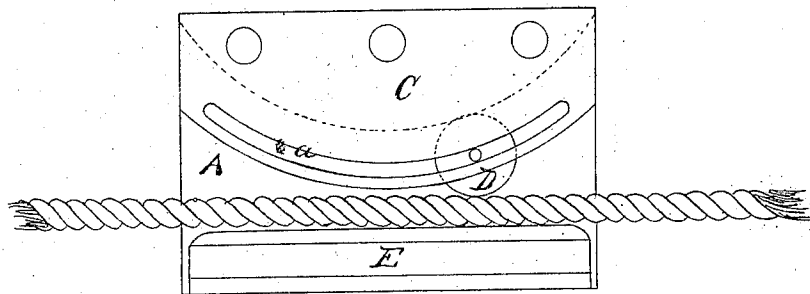


Fig. 2.



Witnesses.
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CORNELIUS WEYGANT HUSON, OF FRENCH CORRAL, CALIFORNIA.

Letters Patent No. 109,412, dated November 22, 1870.

IMPROVEMENT IN ROPE-HOLDERS.

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, CORNELIUS WEYGANT HUSON, of French Corral, county of Nevada, State of California, have invented an Improved Rope-Holder; and I do hereby declare the following description and accompanying drawing are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to an improved device for clamping the end of a rope in order to hold it in a fixed position, when it is required to be thus held, in order to resist a strain.

My device can be adjusted so as to grasp and hold a rope, cord, or chain of any ordinary size, the adjustment being automatic.

In order to explain my invention so that it can be understood by others, a full and complete description is hereto annexed, in which reference is had, by letters, to the accompanying drawing which forms a part of this specification, in which—

A represents a block of wood or metal, which can be secured to any convenient fixed object in order to make it permanent.

B is a projection, which stands out from the upper portion of the block A, and to which is fixed a plate, C, which depends from it parallel with the block A.

The lower end of this plate is rounded, as shown, so that its corners may not interfere with the operation of the holder.

Along the lower rim of this plate is a curved slot, *a*, which describes an arc of a circle; and a curved groove or channel, *a'*, describing a corresponding arc, is made in the side of the block A, opposite the curved slot *a* in the plate.

These slots serve as guides for the roller, which moves in them.

D is a roller, having short journals at each end which move in the curved slot *a*, and curved groove or channel *a'*, so that the roller can readily be carried to any portion of the arc desired.

A bench, E, projects from the block A beneath the plate C, upon which the line or rope is placed, and held by the roller D, which binds against it by dropping to a lower portion of the arc, being bound between the rope and curved plate C.

The block A, projection B, and bench E can all be cast in one piece, and the plate C afterward secured in the proper position, if desired.

By constructing a rope or line-holder in this manner, any size of rope or cord can be belayed almost instantly, with equal facility, while the entire device can be made very cheaply.

Having thus described my invention,

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

1. The roller D moving in the arc of a circle, in combination with the bench E, substantially as and for the purpose above described.

2. The plate C provided with the curved slot *a*, and block A provided with a correspondingly curved groove or channel, *a'*, in combination with the journaled roller D, substantially as and for the purpose herein described.

In witness that the above-described invention is claimed by me, I have hereunto set my hand and seal.

CORNELIUS WEYGANT HUSON. [L. S.]

Witnesses:

W. M. EDDY,
RUFUS MCEACHARN.