

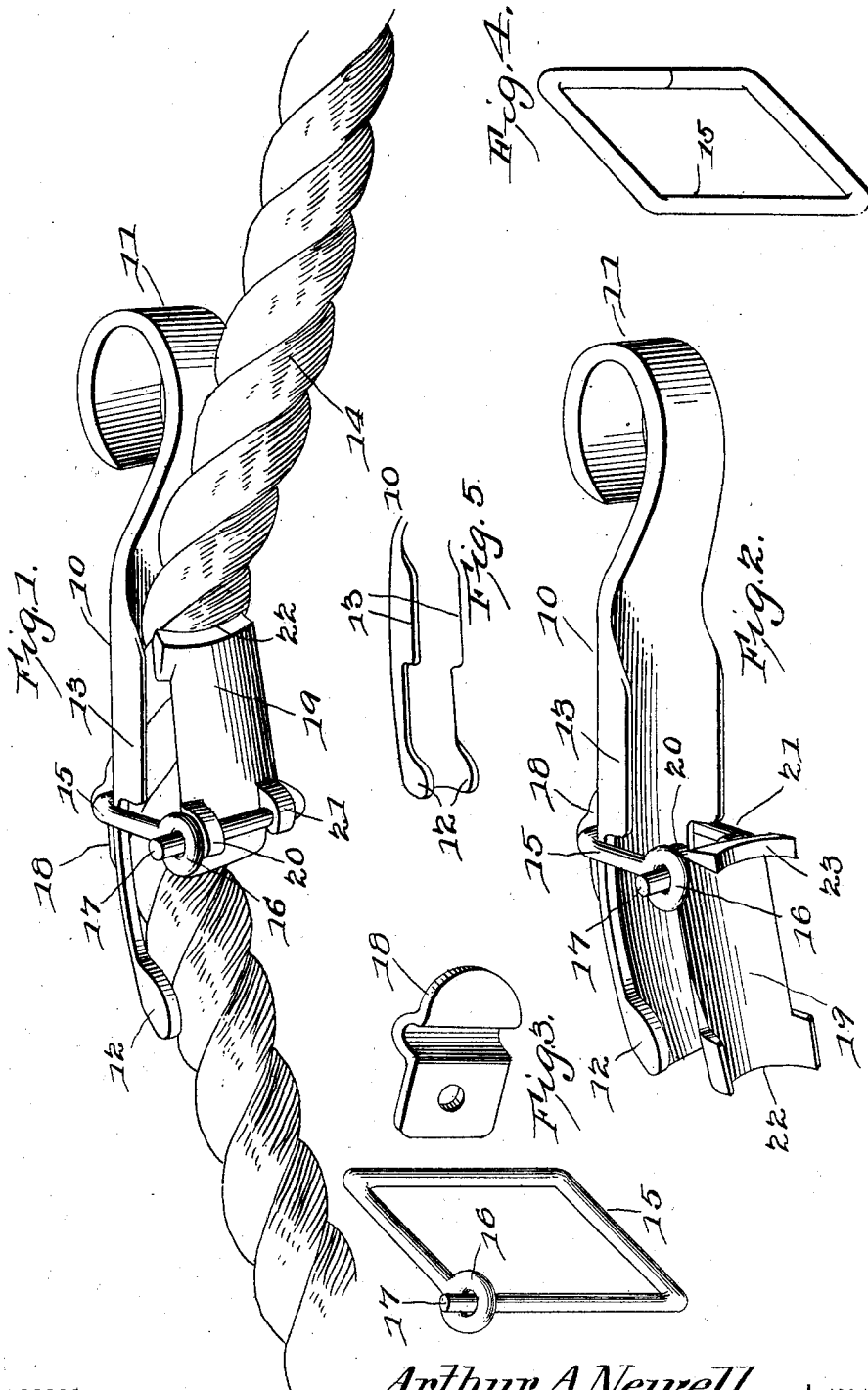
No. 829,542.

PATENTED AUG. 28, 1906.

A. A. NEWELL.

ROPE CLAMP.

APPLICATION FILED NOV. 7, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

ARTHUR ADELBERT NEWELL, OF MELLETTE, SOUTH DAKOTA.

ROPE-CLAMP.

No. 829,542.

Specification of Letters Patent.

Patented Aug. 28, 1906.

Application filed November 7, 1905. Serial No. 286,258.

To all whom it may concern:

Be it known that I, ARTHUR ADELBERT NEWELL, a citizen of the United States, residing at Mellette, in the county of Spink and State of South Dakota, have invented a new and useful Rope-Clamp, of which the following is a specification.

This invention relates to rope-clamps whereby a hook, loop, or similar device may be adjustably connected to a rope at any desired point and readily moved from place to place thereon, and has for its object to simplify and improve the construction and increase the efficiency and utility of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the invention consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that various changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention within the scope of the appended claims.

Figure 1 is a perspective view of the device applied. Fig. 2 is a perspective view of the improved device with the clamping member in its open position. Fig. 3 represents perspective views of the swinging bail and its clip detached. Fig. 4 is a perspective view of another form of the swinging bail. Fig. 5 is a perspective view of a portion of the shell, illustrating its construction more fully.

The improved device comprises a shell 10, preferably with a transversely-concaved inner surface and with a hook 11 at one end. The side walls of the shell 10 are projected at one end, as at 12, and at the intermediate point, as at 13, to more completely embrace the rope 14 and prevent lateral movement thereof. Embracing the shell 10 is a bail 15 in rectangular form and constructed of any suitable material.

In Figs. 1, 2, and 3 the bail is shown constructed from a single piece of wire with an eye 16 at one end and with the other end 17 thrust through the eye to lock the same in po-

sition, while in Fig. 4 the bail is shown formed from a single piece without the end lock. Either form may be employed, as the same results are produced by both. The bail embraces the shell 10 with one side bearing upon the outer face of the same and is secured in swinging position thereon by a clip 18, having an internal cavity 24 engaging the bail and secured to the shell by a rivet 25, one single rivet being sufficient to hold the clip in place.

A clamp member 19 is mounted to swing from the outer side of the bail, as by perforated ears 20 21, through which the bail member passes, and with the ends of the clamp member concaved, as at 22 23, for bearing upon the rope 14 when the clamp member is closed.

To operate the device, the clamp member 19 is disposed in open position, as in Fig. 2, and the rope 14 passed between the shell 10 and clamp member. The clamp member is then closed or disposed in the position shown in Figs. 1 and 5, which causes the shorter end 23 to pass between the rope and the body of the clamp member and into a position past the line of the bail, so that any force applied to the shell in the direction of the hook end 11 and to the rope 14 in the opposite direction will cause the clamp member to bite into the rope and effectually prevent any longitudinal movement of the device thereon. To release the clamp member, it is only necessary to bend the rope away from the hook portion 11 of the shell, when the shorter end of the clamp member will be forcibly rotated beneath the bail and the clamp member reversed in position, as shown in Fig. 2. The loosened shell may then be moved along the rope to any extent desired or detached therefrom, as required. Thus the device may be readily adjusted to any required extent upon the rope.

The hook 11 is designed to receive another hook, ring, snap, or other suitable device to which a strap, rope, or like device is attached, whereby two ropes may be coupled, or a strap coupled to the rope; but the use of such devices are so well known it is not deemed necessary to illustrate them.

Having thus described the invention, what is claimed is—

1. A rope-clamp comprising a shell terminating in a hook at one end, a rectangular bail supported to swing at one side from said shell, and a clamp member pivoted near one

end to the opposite side of said bail and with concaved terminals for embracing a portion of the rope.

2. A rope-clamp comprising a shell terminating in a hook at one end, a rectangular bail encircling the shell formed from a single piece of wire with an eye at one end and with the other end extending through the eye, a clip attached to said shell and engaging said bail, and a clamp member pivoted near one

end to said bail and with concaved terminals for embracing a portion of the rope.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ARTHUR ADELBERT NEWELL.

Witnesses:

R. H. McCaughey,
S. H. Buckland.