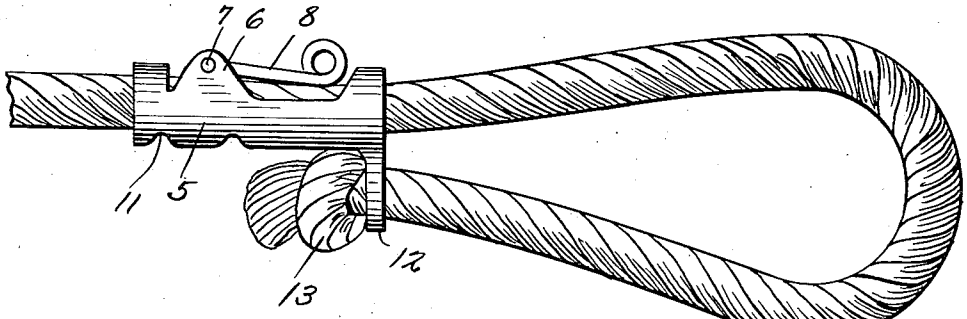
Sept. 1, 1936. J. H. BELL 2,053,018

ADJUSTABLE CLAMP FOR ROPES

Filed Aug. 2, 1935

Fig. 1.



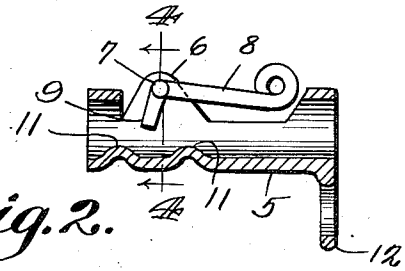


Fig. 2.

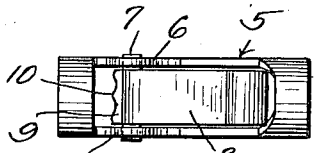


Fig. 3.

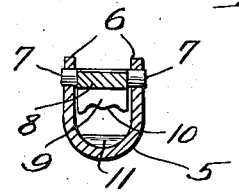


Fig. 4.

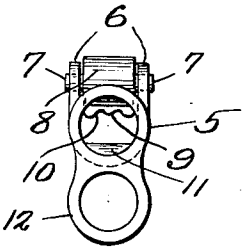


Fig. 5.

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ADJUSTABLE CLAMP FOR ROPES

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Application August 2, 1935, Serial No. 34,468

1 Claim. (Cl. 24—134)

This invention relates to clamps designed for use in connection with ropes, and more particularly rope plow lines, so that the hand loops at the free ends of the plow lines may be readily and easily adjusted.

An important object of the invention is to provide a clamp of this character which will clamp the rope with which the device is used, in such a manner that the pull or strain directed to the rope will tend to increase the gripping action of the clamp, insuring against the clamp slipping.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing

Figure 1 is a side elevational view of a clamp constructed in accordance with the invention, as positioned on a plow line in forming the hand loop of the line.

Figure 2 is a longitudinal section view through the clamp.

Figure 3 is a plan of the clamp.

Figure 4 is a sectional view taken on line 4—4 of Figure 2.

Figure 5 is an end elevational view of clamp.

Referring to the drawing in detail, the clamp comprises an open ended tubular body portion 5 which has its upper surface partially cut away defining upstanding ears 6 formed with openings to receive the pintles 7 that extend laterally from the clamp lever 8. Extending downward from one end of the lever 8, is a wide finger 9 formed with teeth 10 adapted to bite into the rope with which the clamp is used, securing the clamp against movement on the rope.

Enlargements 11 are formed within the body portion by pressing portions of the bottom upwardly as clearly shown by Figure 2 of the drawing. The clamp lever is mounted in such a way that the finger 9 lies at a point between the enlargements, and this finger is so arranged that it will be securely locked in its active or clamping position, when the lever has been moved to the position as shown by Figure 1 of the drawing.

Formed integral with the body position 5, is an eye member 12 through which one end of the rope, with which the clamp is used extends, the rope being knotted at 13. Thus it will be seen that when the clamp has been secured on the rope, the hand loop of the plow line may be readily adjusted to meet various requirements.

Having thus described the invention, what is claimed is:

A rope clamp comprising a tubular body portion, one side of the tubular body portion being cut away providing an open side and circular ends of a diameter to closely engage a rope extended through the body portion, spaced ears extending from the open side of the body portion, spaced enlargements formed within the body portion adjacent to the spaced ears, a wide lever pivotally mounted between the ears and including a handle section and a jaw section, said jaw being disposed at an oblique angle with respect to the handle section and having teeth adapted to bite into a rope and force the rope to a position between the enlargements, said jaw section adapted to move to a position past dead center, and said handle section adapted to be moved into engagement with the rope held within the clamp.

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