

No. 673,658.

Patented May 7, 1901.

J. A. LAWLER.
ROPE CLAMP.

(Application filed Jan. 23, 1901.)

(No Model.)

Fig. 1.

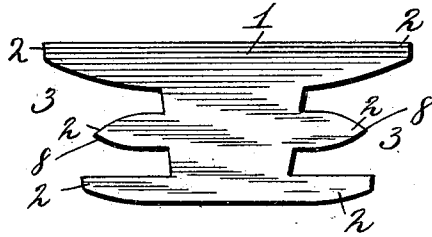


Fig. 2.

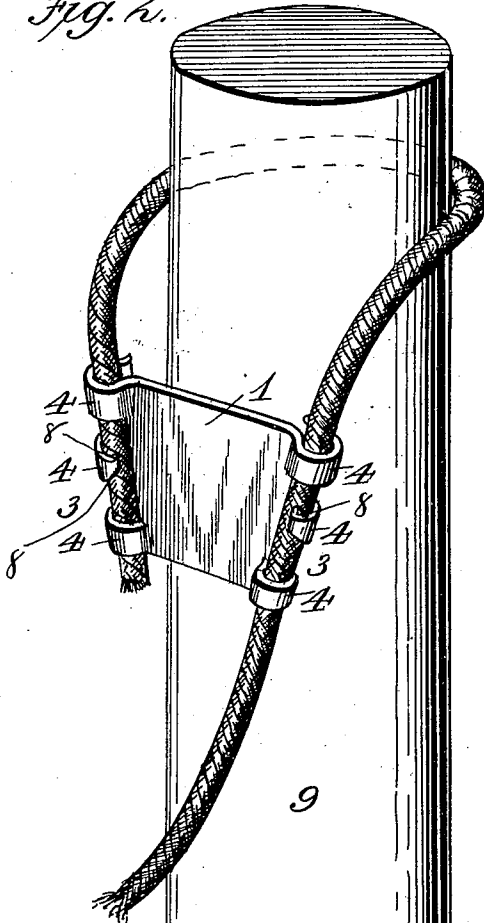
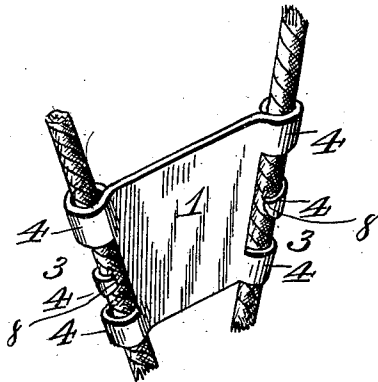


Fig. 3.



Witnesses:
F. L. Ormrod
F. L. Radelfinger

Inventor:
James A. Lawler,
By Louis Caggen Ho,
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES A. LAWLER, OF RUSHVILLE, ILLINOIS.

ROPE-CLAMP.

SPECIFICATION forming part of Letters Patent No. 673,658, dated May 7, 1901.

Application filed January 23, 1901. Serial No. 44,432. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. LAWLER, a citizen of the United States, residing at Rushville, in the county of Schuyler and State of Illinois, have invented new and useful Improvements in Rope-Clamps, of which the following is a specification.

My invention relates to rope-clamps; and the object of the same is to devise a clamp which can be used as a permanent one on bridles, halters, or the like or as a detachable one on hitching-ropes, hammocks, &c.

With this object in view I have designed the simple and novel construction fully described in this specification and claimed, and illustrated in the accompanying drawings, forming a part thereof, in which—

Figure 1 is a plan view of a blank stamped out for making my clamps. Fig. 2 illustrates one of my clamps and a method of using it on a hitching-rope. Fig. 3 illustrates one of my clamps used to permanently secure two members of the headstall of a bridle.

Like numerals of reference designate like parts in the different views of the drawings.

In making my clamps I take a piece of sheet metal 1, trapezoidal in form, and stamp or cut it out in the form shown in Fig. 1, with three tongues 2 on each of the converging sides 3. These tongues 2 are next bent around, forming hooks or claws 4, the center tongue being curved oppositely from the outside ones. In securing a rope by means of this clamp the rope is engaged on one of the outer claws 4 and then passed through under the center one and then engaged by the other outside one. If it is desired to make the fastening permanent, the claws 4 may be closed down with a hammer, as in Fig. 3; but if it is to be detachable the claws are left open. In practice I prefer to make the center claw a little shorter than the two outside ones,

thereby enabling the point 8 to bite into the rope, and thus hold it from slipping. The trapezoidal form of the blank 1 enables this clamp to be set at a point where the ropes diverge, as where the hitching-rope is passed around a post 9, as shown in Fig. 2, thereby keeping the clamp from being spread out and disengaged by a strong pull.

I do not wish to be limited as to details of construction, as these may be modified in many particulars without departing from the spirit of my invention.

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

1. A rope-clamp, comprising a metal plate having three tongues on each of two opposite sides, said tongues being curved to form claws, the middle claws being curved oppositely to the two companion outside claws, substantially as described.

2. A rope-clamp, comprising a metal plate having two opposite non-parallel or converging sides, each of said sides having three tongues thereon bent to form claws, the middle claws being curved oppositely from the outside claws, substantially as described.

3. A rope-clamp, comprising a metal plate having three tongues on each of two opposite sides, said tongues being bent to form claws and the middle one of said claws being oppositely curved and shorter than the other two and constructed to bite into the rope, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JAMES A. LAWLER.

Witnesses:

B. O. WILLARD,
J. R. PRUHARD.