

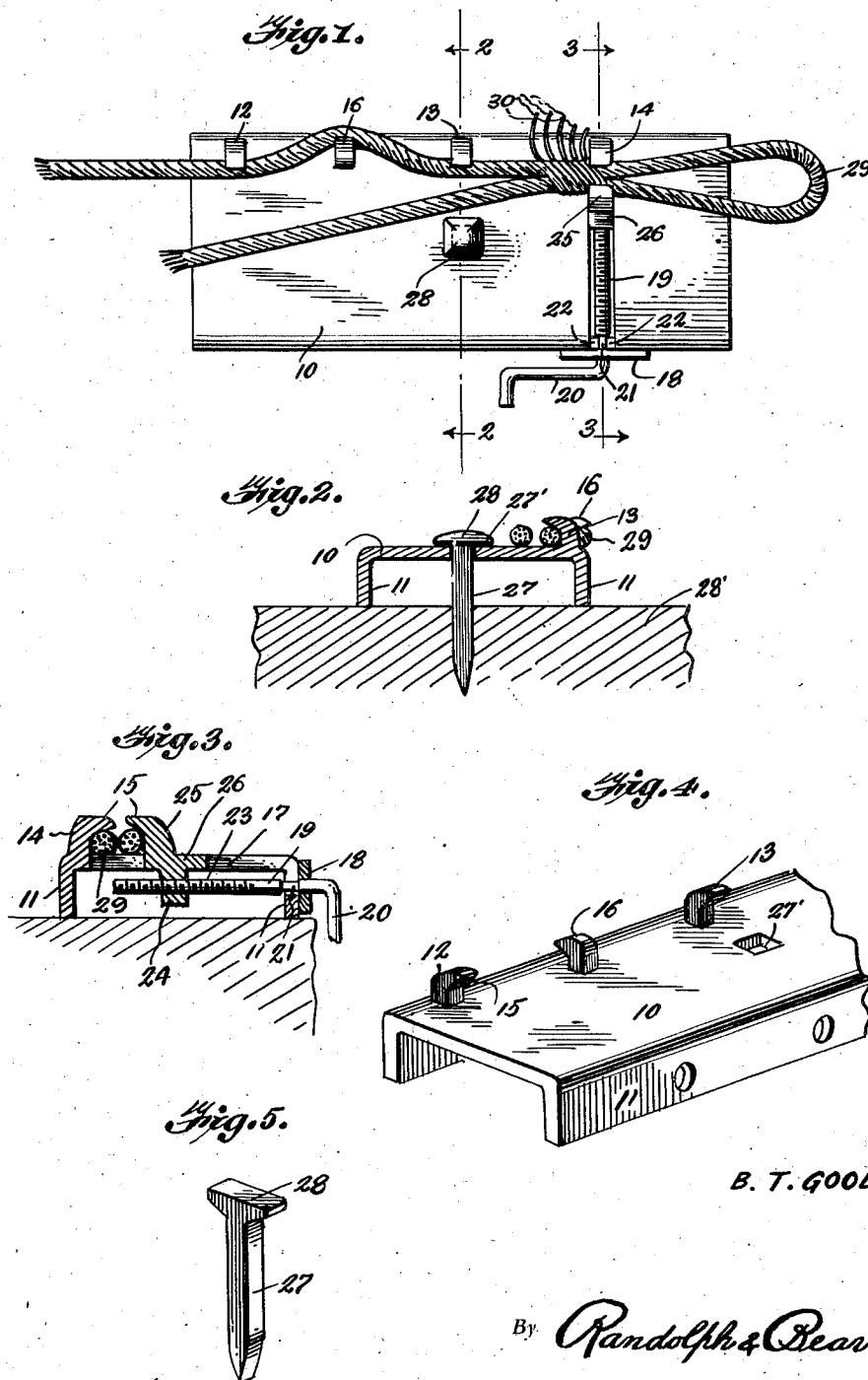
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PORTABLE SPLICING IMPLEMENT FOR ROPES AND CABLES

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PORTABLE SPLICING IMPLEMENT FOR
ROPES AND CABLES

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3 Claims. (Cl. 57-23)

1

My invention relates to an improvement in devices or implements for holding ropes or cables firmly during the process of splicing them.

One object of the invention is to provide a portable implement that will be small and of light construction.

Another object of the invention is to provide an apparatus that is not compelled to perform the cable splicing on a fixed bench or stand in a workshop but may be placed anywhere on board ship, on a timber log or stump in the forest for conveniently doing any rope splicing, close to where the rope or cable is located.

The advantages of this device will be more fully set forth in the subjoined description with the aid of the attached drawing wherein like numerals denote the same details.

Figure 1 is a top plan view of splicing implement;

Figure 2 is a cross sectional view at 2-2 of Figure 1;

Figure 3 a similar view to Figure 2 taken at 3-3 thereof;

Figure 4 is a perspective, fragmentary view of the base;

Figure 5 is a perspective view of a holding spike therefor.

The splicer consists of a base member 10, preferably made of channel iron or similar firm and strong material which is disposed in an inverted position with its angular side edges 11 depending from the intermediate portion.

The base 10 is provided with three upstanding lugs 12, 13 and 14 disposed in spaced apart relationship along one of its side edges. The lugs 12, 13 and 14 may be formed integral with or suitably secured to the base member 10 and are provided with laterally projecting upper portions or heads 15. The lugs 12, 13 and 14 have their heads 15 extending inwardly and toward the center of the base 10. Similarly constructed lug 16 is disposed between the lugs 12 and 13 and positioned with its head 15 projecting outwardly of the base 10.

The upper surface of the base member 10 is provided with an elongated transversely disposed slot or opening 17 which extends from the base of the lug 14 transversely thereacross and into the leg 11 at the opposite side thereof. Said leg 11, which is remotely disposed to the lug 14, has a bearing member 18 secured to the outer side thereof and in which the shank 19 of a crank 20 is journaled. The shank 19 is provided with a restricted portion 21 which is journaled in a restricted portion 22 of the slot 17, which is located in said leg or depending flange 11. The shank 19 is provided with a threaded terminal portion 23 which provides a feed screw for a follower portion 24 of a lug 25 which has a base portion 26 which is slideably disposed in the slot 17. The lug 25 is similar in shape to the lugs 12, 13, 14 and

2

16 and is disposed in opposed relationship to the lug 14 and with the head 15 thereof projecting toward the head of the lug 14.

The base 10 is provided with a substantially centrally disposed opening 27 to receive the shank of a headed spike 28 which is freely moveable therethrough and which is adapted to be driven into a suitable supporting surface 30, such as a log or stump for detachably securing the splicer thereto. The head of the spike 28 bears against the upper surface of the base 10 for effectively maintaining the base secured to the portion 30 and with the depending flanges or legs 11 resting thereon. The shank end of the spike 28 may also be inserted into the "Hardy" hole of an anvil or may be clamped in a bench vise for securing the splicer to an anvil or vise.

As best illustrated in Figure 1, an end of a cable 29 to be spliced is shown clamped in the splicer 10. The cable is passed under the head 15 of the lugs 12, 16, 13 and 14 after which the free end thereof is turned back upon itself and a portion thereof disposed beneath the head of the lug 25. The crank 20 is then revolved to rotate the feed screw portion of the shank 19 for advancing the follower 24 and the lug 25, carried thereby, for clamping the looped portion of the cable 29 between the lugs 14 and 25.

The turned back portion of the cable 29, beyond the clamping lugs 14, 25 may thereafter be split into separate strands, as indicated at 30 in Figure 1, which strands may then be spliced with the portion of the cable 29 which are engaged between the lugs 13 and 14.

Various modifications and changes are contemplated and may be resorted to without departing from the spirit and scope of the invention as hereinafter defined by the appended claims.

I claim:

1. A portable implement for splicing rope, cable, and the like, which consists of a base member, a plurality of lugs rising from one side of said member to secure a rope or cable thereto, a central hole provided in said member, a headed spike extending through said hole and adapted to be driven into a supporting surface to secure the base member thereto, a vise with a movable jaw actuated by a screw transversely of said base member and having threaded engagement with said movable jaw, and a fixed jaw in said base member, cooperating with the movable jaw to firmly hold the rope or cable.

2. A portable implement for splicing rope, cable, and the like, which consists of a base member, a plurality of lugs rising from one side of said member to secure a rope or cable thereto, a central hole provided in said member, a headed spike extending through said hole and adapted to be driven into a supporting surface to secure the base member thereto, a vise with a movable jaw actu-

3

ated by a screw transversely of said base member and having threaded engagement with said movable jaw, and a fixed jaw in said base member, cooperating with the movable jaw to firmly hold the rope or cable, said base member consisting of an elongated inverted channel iron bar.

3. A portable implement for splicing rope, cable, and the like, which consists of a base member, a plurality of lugs rising from one side of said member to secure a rope or cable thereto, a central hole provided in said member, a headed spike extending through said hole and adapted to be driven

4

into a supporting surface to secure the base member thereto, a vise with a movable jaw actuated by a screw transversely of said base member and having threaded engagement with said movable jaw, and a fixed jaw in said base member, cooperating with the movable jaw to firmly hold the rope or cable, said lugs having laterally projecting heads, said lugs being in substantial alignment and being disposed with their heads extending in opposite directions.

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