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J. P. SNAPP

POLE CLAMP

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Fig. 1.

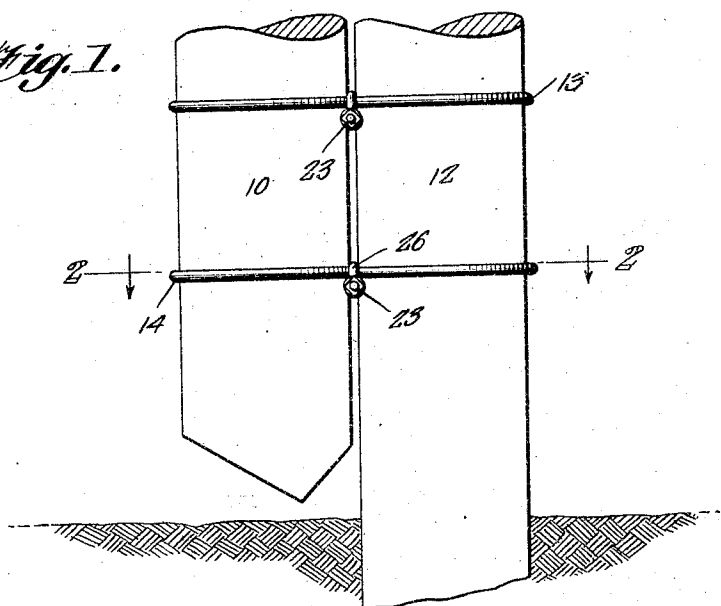


Fig. 2.

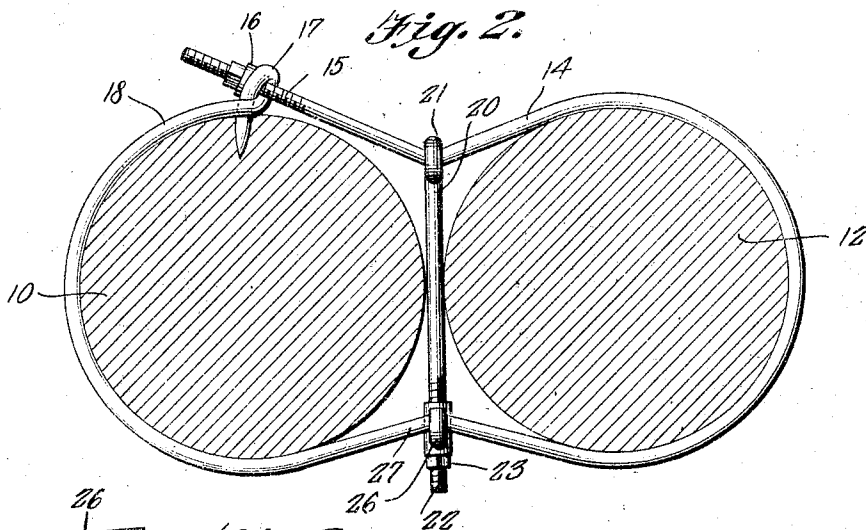
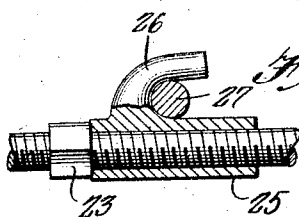


Fig. 3.



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WITNESS:

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POLE CLAMP.

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The object of this invention is to provide a device especially adapted for use in splicing telegraph or telephone poles, the device including a heavy wire or other metallic element, having a loop portion and a spike formed integrally with one end, and a threaded portion formed on the other end and adapted to pass thru the loop or eye and to be secured by means of a nut or the like.

A further object is to provide a device of this type, in which a tie member shall extend between the elements being spliced and engage oppositely located portions of the elements surrounding the pole section.

A further object is to provide particular means for exerting tension on the tie member.

With the foregoing and other objects in view, the invention consists in the novel construction and arrangement of elements described, illustrated and claimed, it being understood that modifications may be made within the scope of the claims, without departing from the spirit of the invention.

In the drawings forming part of this application,

Figure 1 is a view in elevation, showing the adjacent portions of two pole sections, where the splice is to be produced.

Figure 2 is a horizontal section, on line 2-2 of Figure 1.

Figure 3 is a detail in section showing the means for producing tension on the tie member.

The sections of the poles to be spliced are designated 10 and 12, and heavy wire loops 13 and 14 are shown as extending along elements 10 and 12. In Figure 2 the element 14 is shown in top plan, and the end 15 appears as a threaded element, being engaged by a nut 16 having an angular portion thereof adapted to be readily operated by means of a suitable tool.

The opposite end of the loop member 14 is provided with an eye 17, and the extreme end is deflected with reference to the portion 18 of the loop, and passes into the pole 10, acting as a spike, the end being reduced or tapered as shown.

The loops having been placed in position and a reasonable degree of tension having been exerted thereof, by means of nut 16, further tension is applied thru a tie member 20 having a hook or the like 21 on one end, adapted to engage the main wire loop, element 20 being threaded at the opposite end, and as shown at 22 for engagement by a nut 23.

A sleeve 25 is caused to surround the threaded portion, and has a bore permitting the sleeve to slide longitudinally of tie member 20. Element 25 carries a hook 26 adapted to engage the portion 27 of tie member 14, and it will be observed that any desired tension may be placed on the member 14, and likewise on the loop member 13, by setting up the nut 23 to the extent desired.

Having thus described the invention, what is claimed as new is:

1. A device of the class described, comprising a loop member, one end of said member being threaded and the opposite end being formed with an eye, the threaded end passing thru the eye, a spike formed on the end carrying the eye member, and a nut adapted to engage the threaded end adjacent to the eye portion.

2. A device of the class described, comprising a looped element having its ends connected and tensioned, and a tie member independently formed and applied and adapted to extend transversely in approximately the plane of the complete loop element, the ends of the tie member being connected with opposite portions of the loop element and tensioned with reference thereto.

3. A device of the class described, comprising a loop member, means for adjustably securing the ends thereof, a tie member extending between oppositely located portions of the loop, and including a hook on one end, a sleeve slidable on the other end, and means for producing pressure on the sleeve in a direction towards the hook, said sleeve including loop engaging means.

4. A device of the class described, comprising a loop member, including means for connecting the end portions thereof, and a tie member connected with opposite sides

of the loop member, and having its ends tensioned, for drawing these sides toward each other.

5 5. A device of the class described, comprising a loop element, including means for connecting the end portions thereof and carrying a pole engaging element, and a tie

member for connection with opposite sides of the loop element around which it is to be tensioned, for drawing the sides of the loop 10 element toward each other in approximately the plane of the complete structure.

In testimony whereof I affix my signature.

JOHN PEMBERTON SNAPP.