

E. E. SQUIRE.
 SPlicing THIMBLE.
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1,058,917.

Patented Apr. 15, 1913.

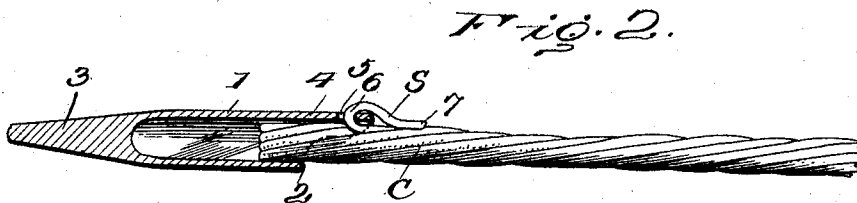
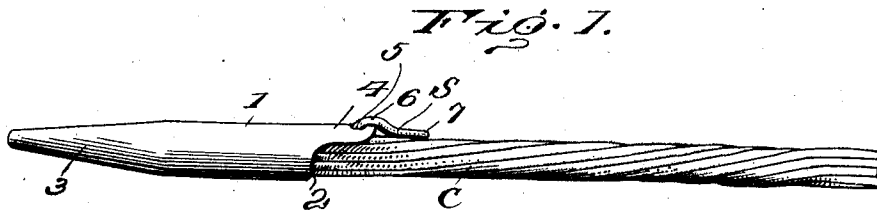
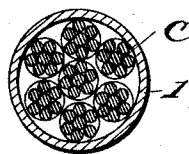


Fig. 3.



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UNITED STATES PATENT OFFICE.

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SPLICING-THIMBLE.

1,058,917.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWIN E. SQUIRE, citizen of the United States, residing at Pittsburg, in the county of Contra Costa and State of California, have invented certain new and useful Improvements in Splicing-Thimbles, of which the following is a specification.

This invention relates to splicing thimbles and aims to provide a thimble which may be readily and quickly applied to the end of a wire cable to be spliced and which will enable the one splicing the cable to more readily insert the end of the cable between the spread strands thereof.

Ordinarily, in splicing a cable, the end of the cable is inserted, unprotected between the spread strands thereof, and the ends of the strands and the ends of the wires comprising the strands are extremely liable to become separated and render difficult the insertion of the end of the cable. Aside from this, the frayed end of the cable is liable to injure the hands of the person splicing the cable.

The present invention therefore aims to provide a thimble which will overcome all of these disadvantages and which may be readily applied and as readily removed.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a view in side elevation of the thimble embodying the present invention, the same being shown applied to the end of a cable to be spliced. Fig. 2 is a vertical longitudinal sectional view there-through. Fig. 3 is a vertical transverse sectional view through the thimble and the end of the cable inserted therein.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawing by the same reference characters.

In the drawing the thimble is illustrated as comprising a hollow cylindrical body 1 having an open end 2 and a pointed solid end 3, the point of this end being located in a line with the axis of the body 1, as illustrated in Figs. 1 and 2. The body 1 is formed at its open end 2 with an ear 4 which has the same transverse curvature as the portion of the body 1 from which it

projects and this ear is formed with an opening 5 as shown in Fig. 2 of the drawing.

In using the thimble embodying the present invention, the end of the cable C to be spliced is inserted into the open end 2 of the body 1 of the thimble and one of the strands of this cable, indicated specifically by the reference character S is bent up prior to inserting the end of the cable in the thimble body, and is inserted at its end through the opening 5. As the end of the cable is shoved into the body 1 this strand S will be threaded through the said opening 5 and when the end of the cable has been inserted a sufficient distance into the thimble the strand is bent back as shown at 6 in Fig. 2 of the drawing, and has its extremity 7 bent to lie snugly against the cable C. In this manner, the thimble is quickly and readily secured to the end of the cable, and after the splicing operation, may be readily removed by bending back the strand S to original position and withdrawing the end of the cable from the thimble. In splicing the cable, the thimble is inserted between the slightly spread strands of the cable and takes the place of the marline-spike usually employed in the splicing operation. It will be readily understood that this thimble prevents the end of the cable from becoming frayed, or in other words prevents the ends of the strands from separating and spreading and that furthermore the end of the cable cannot injure the hands of the person performing the splicing operation.

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

1. A splicing thimble comprising a hollow body having a pointed end, and an apertured ear serving as a guide for the positioning of the cable in the thimble.

2. A splicing thimble comprising a hollow body having a pointed end, and an apertured ear at the cable receiving end of the body.

3. A splicing thimble comprising a hollow body open at one end and provided at its other end with a closed point, the body being formed at its said open end with an ear extending beyond the said end of the body and formed with an opening arranged to receive one strand of a cable to be spliced and inserted at its end in the body.

4. A splicing thimble comprising a hollow body provided at one end with a closed point, the other end of the body being open and formed at an angle to provide a rear-
5 wardly projecting ear, said ear being provided with an opening spaced to the rear of the open end of the body.

In testimony whereof I affix my signature in presence of two witnesses.

EDWIN E. SQUIRE. [L.S.]

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."