(No Model.)

W. H. WILLSON & S. CONOVER.

ROPE TRACE COCKEYE.

No. 411,481. Patented Sept. 24, 1889.

Fig. 1.

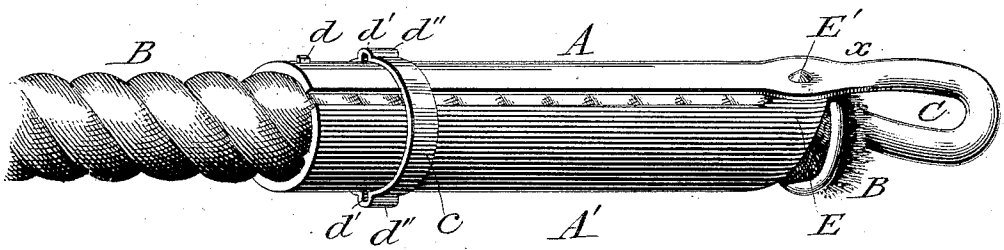
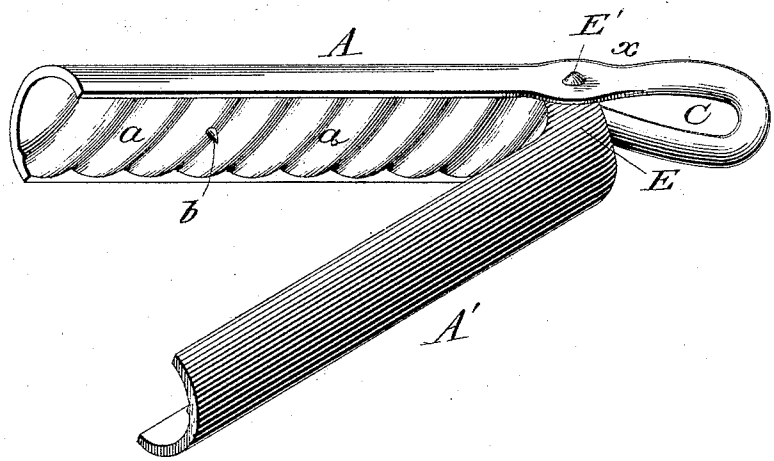


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM H. WILLSON AND STEWART CONOVER, OF BYRON, WISCONSIN.

ROPE-TRACE COCKEYE.

SPECIFICATION forming part of Letters Patent No. 411,481, dated September 24, 1889.

Application filed April 15, 1889. Serial No. 307,358. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM H. WILLSON and STEWART CONOVER, citizens of the United States, residing at Byron, in the county of Fond du Lac and State of Wisconsin, have invented, jointly, a new and useful Rope-Trace Cockeye, of which the following is a specification.

Our invention relates to improvements in cockeyes and their adjustment and fastening to rope traces and similar draft-cords; and the objects of our improvements are to provide a cheaply-constructed, readily-adjusted, and effective article of manufacture and use of that class. We attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a detailed view in perspective of the device and rope in operative combination; Fig. 2, a view of the device opened, showing the internal mold of the parts.

Similar letters refer to similar parts in the views.

Fig. 1 shows the general plan and matter of construction, which is: a metallic cylindrical tube or ferrule A A′, of the inside circumference of the rope B, split longitudinally, the two halves hinged or jointed at the shank end x by means of lugs E^2 and pivots E. One half A is extended into or provided with an eye C, which may also be a hook or a ring, solid, linked, or swiveled on the shank x. The upper end of A or A′ is provided with a stop d.

The inside of the tube A A′ is molded in the form of a spiral groove or internal screw a a, Fig. 2, of which the rope trace B corresponds to the external screw or core. A pin b may be placed in bottom of groove.

The adjustment and operation are as follows: After opening the ferrule A A′, Fig. 2, and laying the rope snugly in the grooves a a it is closed and fits tightly to the outside contour of the rope B. It is secured by the band c, Fig. 1, which band is provided with flanges d'', transversely notched or slotted d' to admit of passing over the stop d and turning half around to place.

We claim as our invention—

As an improved article of manufacture, a rope-trace cockeye comprising two sections formed with internal grooves extending from end to end thereof, for the purpose set forth, one of said sections being formed with an enlarged perforated end and with an eye extending from said end, and the other of said sections having an inwardly-extending flange having a projection for engagement with the said perforation, whereby said sections are hinged or pivoted together at this point, and means for securing the sections together when the rope has been inserted, all substantially as shown, and for the purposes set forth.

WILLIAM H. WILLSON.
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