No. 837,247. PATENTED NOV. 27, 1906.

D. W. NUTTALL.

LINE FASTENER.

APPLICATION FILED NOV. 28, 1905.

Fig: 1.

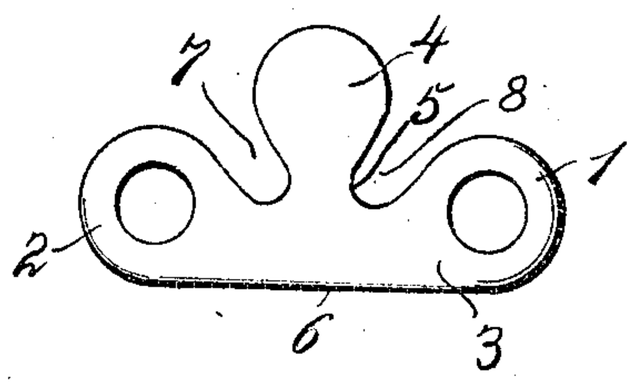


Fig: 2.

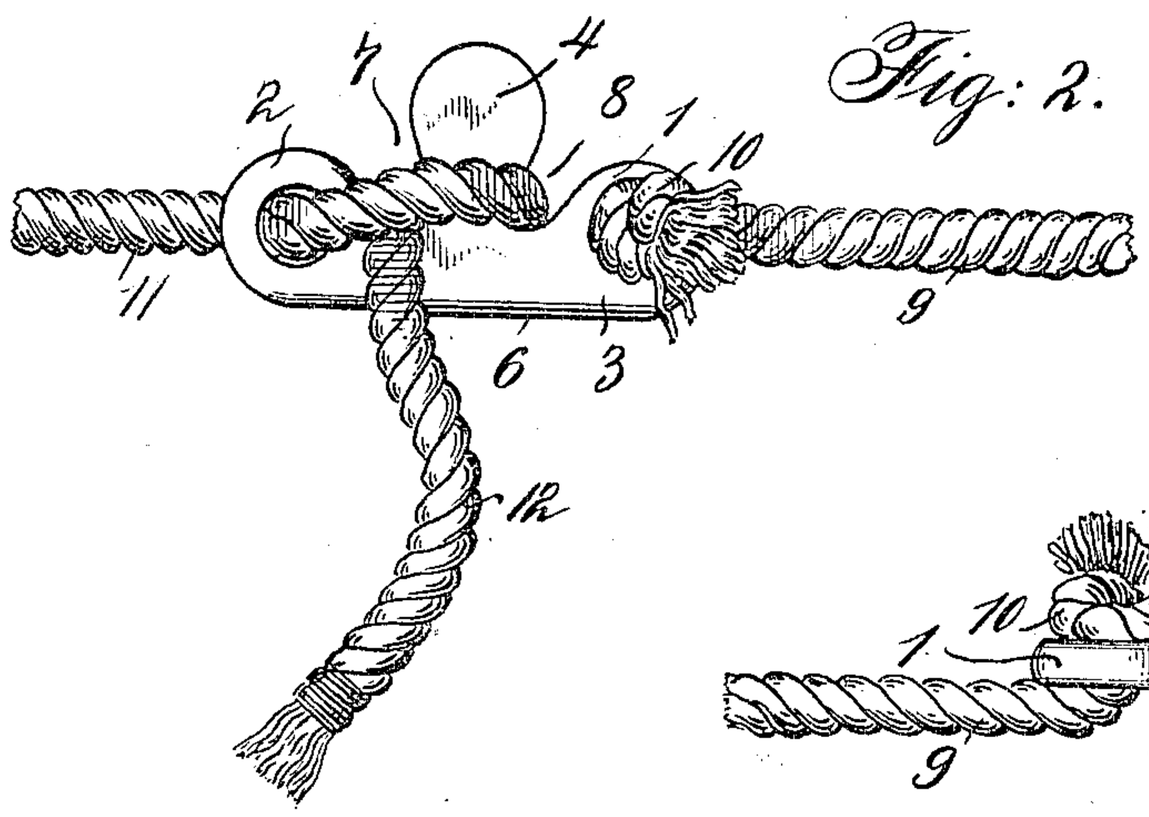


Fig: 3.

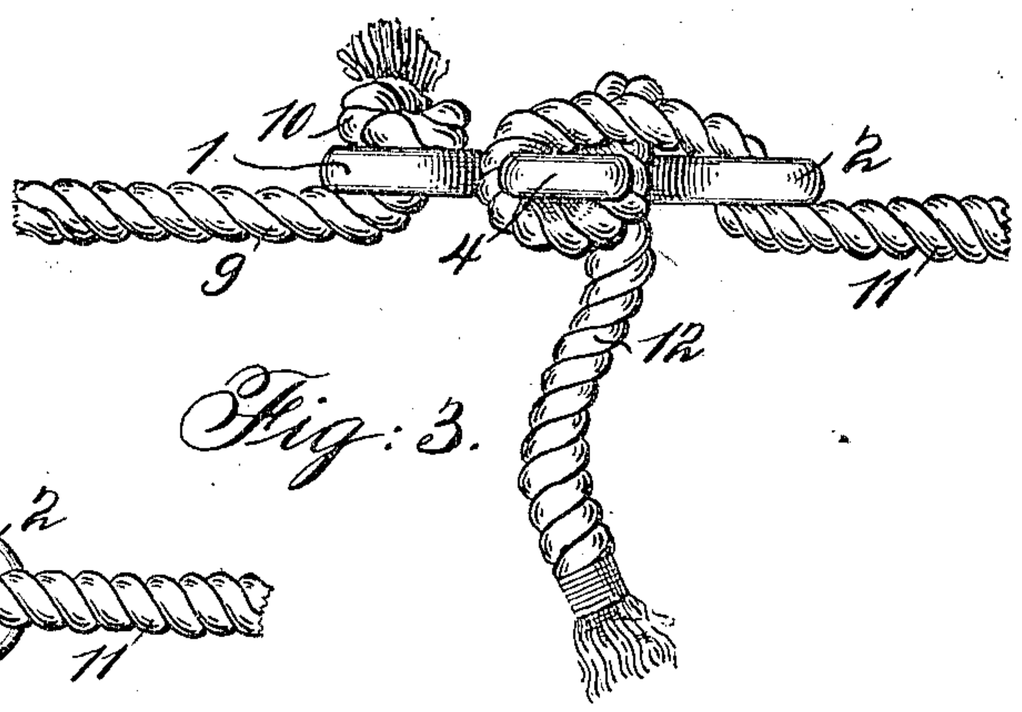


Fig: 4.

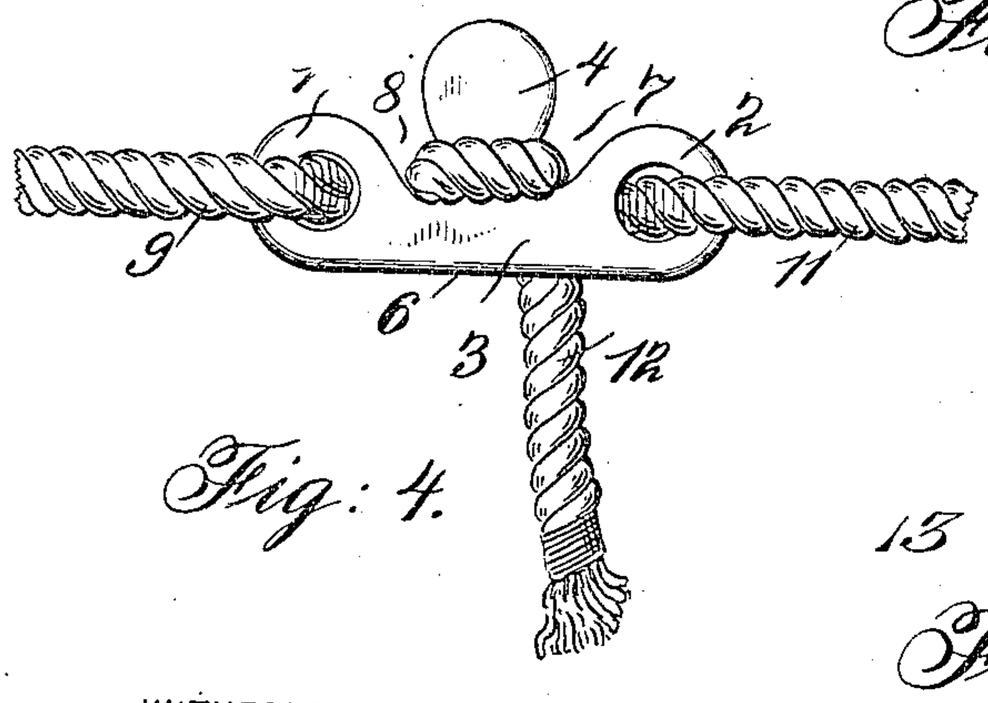
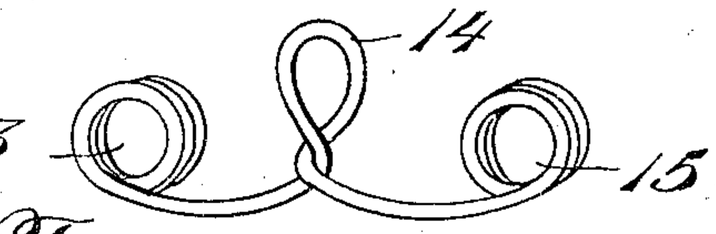


Fig: 5.



WITNESSES:

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DAVID W. NUTTALL, OF BAYONNE, NEW JERSEY.

LINE-FASTENER.

No. 837,247. Specification of Letters Patent. Patented Nov. 27, 1906.

Application filed November 28, 1905. Serial No. 289,503.

To all whom it may concern:

Be it known that I, DAVID W. NUTTALL, a citizen of the United States, residing at Bayonne, in the county of Hudson and State of New Jersey, have invented new and useful Improvements in Line-Fasteners, of which the following is a specification.

This invention relates to line-fasteners, such as are particularly adapted for use in rigging up clothes-lines, slings, and the like.

The objects of the invention are to improve and simplify the construction of such devices; furthermore, to increase their efficiency in operation and to decrease the expense attending their manufacture.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed as a practical embodiment thereof.

In the accompanying drawings, forming part of this specification, Figure 1 is a view in elevation, showing a line-fastener constructed in accordance with the present invention. Fig. 2 is a similar view showing one method of using the improved device. Fig. 3 is an edge view of the device as shown in Fig. 2. Fig. 4 is a rear view of the device as illustrated in Fig. 2. Fig. 5 illustrates a modification.

Like reference-numerals indicate corresponding parts in the different figures of the drawings.

The improved device of this invention is preferably formed from a single piece of flat metal, although, if desired, it may be produced from a strip of wire bent into the shape desired.

As shown in Fig. 1, the device consists in a member 3, formed near opposite ends with openings 1 and 2. The member 3 intermediate its ends is formed with an integral laterally-extending arm 4, which is shaped in such manner as to produce a broad head and a contracted base 5, connected with the member 3. The connecting member 3 is formed on one side with a straight edge 6 and on the other side is formed with recesses 7 and 8, on opposite sides of the arm 4, having the contracted neck portion 5.

If desired, the improved device may be formed of wire, as shown in Fig. 5, although its shape will be practically the same as shown in Fig. 1. In constructing the device of wire the same is coiled to provide a series of alined rings to form an opening 13, corresponding with the opening 2 in the preferred form of the device, being projected from said coil and twisted to provide a loop 14 and finally projected from said loop to provide a coil duplicating the initially-formed coil and forming an opening 15, corresponding to the opening 1 in the preferred form.

The improved device of this invention may be used in many different ways. One simple manner of using the device is illustrated, by way of example, in Figs. 2, 3, and 4. The end of the line 9 is passed through the opening 1 and knotted, as shown at 10, to prevent its withdrawal. The end of the rope or line 11 is passed through the opening 2, after which a loop is taken over the arm 4, as shown in Figs. 2, 3, and 4. It is found in practice that the end 12 of the rope 11 can be easily drawn open to take up any slack in said rope 11; but as soon as pressure is exerted lengthwise upon the rope 11 the loop binds upon the arm 4 and the connecting member 3, so that the lines 9 and 11 are securely fastened together. As above explained, it will be apparent that the device can be used in many other ways than that illustrated in the drawings.

The improved line-fastener of this invention is strong, simple, durable, and inexpensive in construction, as well as thoroughly efficient in operation.

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

A line-fastener comprising a member formed with end openings, one side edge of the member being formed with an integral arm projecting laterally from said edge and lying wholly in the same plane as the member, the edge of the member adjacent the connection of the arm therewith being recessed on opposite sides of the arm, whereby to provide recesses for the reception of the rope disposed between the end openings of the member.

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

DAVID W. NUTTALL.

Witnesses:
W. H. CRICHTON CLARKE,
H. G. HOSE.