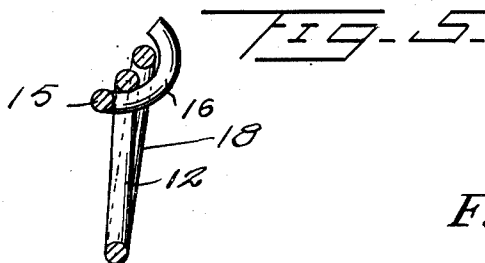
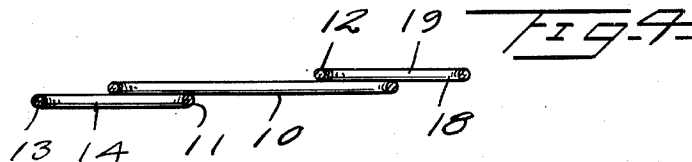
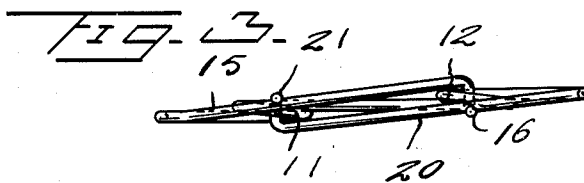
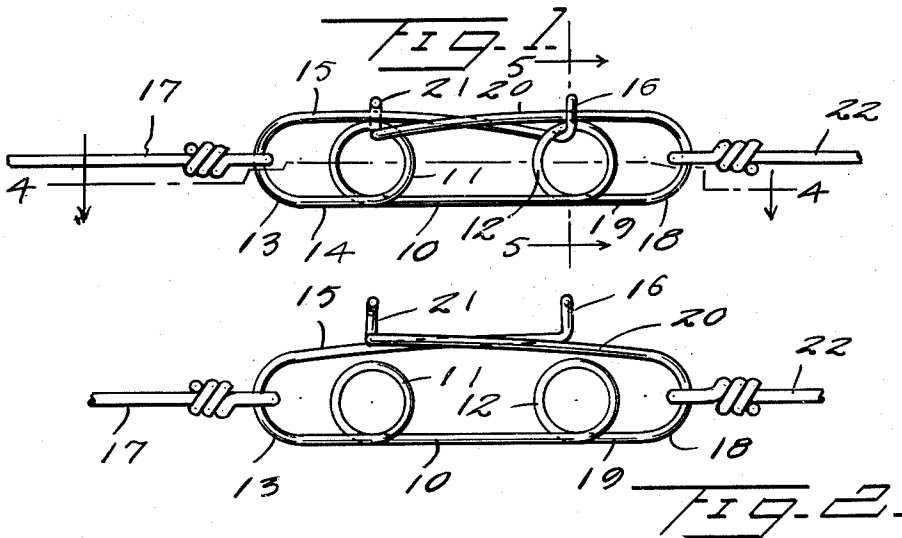


July 1, 1952

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RESILIENT CONNECTOR
Filed May 16, 1950

2,601,709



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2,601,709

RESILIENT CONNECTOR

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Application May 16, 1950, Serial No. 162,265

1 Claim. (Cl. 24—73)

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An object of this invention is to provide a resilient connector or clasp which may be formed out of a single strand of resilient wire and may be connected between a fish line and a lure or leader.

Another object of this invention is to provide a resilient connector of this kind adapted for interposing in a line and including means whereby the connector will firmly and resiliently hold the article connected to the line against release.

Another object of this invention is to provide a resilient connector of this kind which is simple in construction and provide maximum locking means for the article with which the device is associated.

With the above and other objects in view, my invention consists in the arrangement, combination and details of construction disclosed in the drawing and specification, and then more particularly pointed out in the appended claim.

In the drawings:

Figure 1 is a plan view of a connector constructed according to an embodiment of this invention showing the device in latched or locked position.

Figure 2 is a view similar to Figure 1, but showing the device in released position.

Figure 3 is a detailed side elevation of the device in latched position.

Figure 4 is a sectional view taken on the line 4—4 of Figure 1.

Figure 5 is a sectional view taken on the line 5—5 of Figure 1.

Referring to the drawing, the numeral 10 designates an elongated resilient wire or bar which is formed at the opposite ends thereof with a pair of resilient rings 11 and 12. A U-shaped member 13 has one side or leg 14 thereof formed integral with the ring 11, and the other side 15 of the U-shaped member 13 is formed as an elongated latching lever which terminates in a hook-shaped locking member 16. A flexible line 17 is adapted to be connected to the bight of the U-shaped member 13.

The latching lever 15 is adapted when in latched position to be swung inwardly with the locking hook 16 engaging through the ring 12. A second U-shaped member 18 extends from the ring 12 oppositely from the U-shaped member 13 having one short side 19 thereof formed integral with the ring 12. The other side 20 of the U-shaped member 18 is substantially longer than the side 19 and constitutes a resilient lever or arm which terminates in a curved locking member 21. A second line 22 is adapted to be connected to the U-shaped member 18 or, if desired, a fish lure or other article may be connected with the U-shaped member 18. When the locking member 21 is in locked position, this member will be extended through the ring 11 and will hook over the adjacent portion of the resilient lever or arm 15. In the same manner

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when the curved locking member 16 is in locked position, this member will be extended through the ring 12 and will hook over the adjacent portion of the resilient arm or lever 20.

The connector herein disclosed is adapted to be formed out of a single strand of relatively resilient wire, and the articles connected to the device are engaged initially over the levers or arms 15 and 20 so that the articles will engage the bights of the U-shaped members 13 and 18. The locking members 16 and 21 are then pressed inwardly, being extended through the rings 12 and 11, and the locking members 16 and 21 will also engage over the opposite levers 20 and 15 as shown in Figure 1. When a pull strain is applied to line 16 this strain will be taken up by the locking members 16 and 21 and also by the resilient rings 11 and 12. The locking members 16 and 21 will remain in locked position until a maximum distorting strain is applied to the connector which would unduly distort the U-shaped members 13 and 18 and the rings 11 and 12. This connector will provide a quick securing and detaching means for fish lures or other articles and will provide an effective means whereby the articles associated therewith will be securely fastened to the line 17.

What is claimed is:

A resilient connector comprised of a unitary resilient wire comprising an elongated portion formed with a pair of spaced circular parallel resilient loops extending laterally in the same direction from said portion, said wire being bent in the same direction to U-shape at its ends outwardly of each loop, the reverted ends of the U-shaped portions comprising oppositely extending aligned resilient lever portions extending towards each other substantially parallel to said elongated portion and each of a length to extend to the loop remote from the bight of its associated U-shaped bend and over the adjacent loop, and an arcuate locking hook extending from the terminal end of each lever portion in a plane perpendicular thereto and having its end in a plane parallel to the plane of said loop, the end of each hook being adapted to engage through the adjacent loop and having its arcuate portion extending about the adjacent part of the opposite lever portion.

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