C. H. STAPF.

DETACHABLE LINK FOR FISH HOOK LEADERS.

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Fig. 1

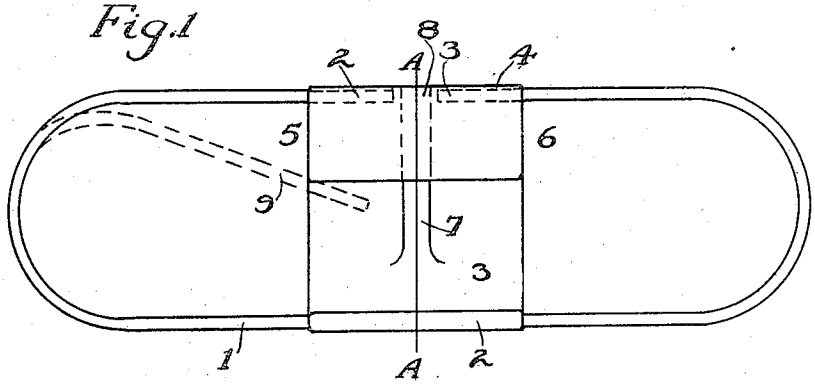
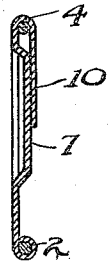


Fig. 2



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DETACHABLE LINK FOR FISH-HOOK LEADERS.

1,235,854. Specification of Letters Patent. **Patented Aug. 7, 1917.**

Application filed February 23, 1917. Serial No. 150,612.

To all whom it may concern:

Be it known that I, CHARLES H. STAPF, a citizen of the United States, and a resident of Prescott, in the county of Pierce and State of Wisconsin, have invented certain new and useful Improvements in Detachable Links for Fish-Hook Leaders, of which the following is a specification.

One object of my invention is to provide a strong detachable link for connecting leaders and the like to fish-lines.

Another object of my invention is to provide in a link of the class described a construction that will allow the link to be readily connected or disconnected.

Another object of my invention is to provide in a link of the class described, a slidable clasp member having means therein to prevent the sliding of the member when both ends of the link are positioned in the clasp.

With these and incidental objects in view, the invention consists of certain novel features of construction and combination of parts, the essential elements of which are hereinafter described with reference to the drawing which accompanies and forms a part of this specification.

In the drawing, Figure 1 is a side elevation of my improved form of a detachable link and Fig. 2 is a section taken on the line A—A of Fig. 1.

I prefer to construct my link by bending a piece of steel wire 1, Fig. 1, into a flattened oval shape as shown, with the ends 2 and 3 spaced apart as clearly shown in Fig. 1.

I then form around the wire 1 at 2 a strip of metal 3, preferably brass as better shown in Fig. 2.

The strip is then formed backwardly at 4 so as to receive at the sides 5 and 6 the ends 2 and 3 of the wire 1.

A portion of the material of which the strip 3 is made is formed inwardly at 7 and this inward projection extends up to the point 8 so that it limits the sliding motion of the metal strip 3 on the wire 1 by the end 2 or the end 3 butting against the inward projection 7.

It is readily seen that either end may be sprung down as at 9 Fig. 1 so as to clear the formed lip 10 and allow any loop to be threaded onto the free end of the wire.

When either one of the free ends has thus been lifted out of the clasp the strip 3 may be slid in that direction if desired, but when both ends 2 and 3 are positioned normally, it is impossible for either of the ends to work free of the clasp through any sliding action of the clasp on the wire.

While I have described my invention and illustrated in one particular design, I do not wish it understood that I limit myself to this construction as it is evident that the application of my invention may be varied in many ways within the scope of the following claims:

Claims:

1. In a detachable link the combination of a flattened oval shaped link having one of its sides continuous and the other side discontinuous, a metal strip having one end thereof formed into a tubular portion surrounding a portion of the side of said link and the other end formed back toward the body of said strip to serve as a clasp to receive the free ends of said link and a stop to prevent longitudinal sliding of said strip on said link comprising an inwardly depressed portion of said metal strip.

2. A detachable link comprising a strip of flat metal having one end formed into a tubular shape and the other end formed backwardly into an elongated U section, an inwardly depressed projection positioned substantially centrally of the width of said strip, a link formed of a single piece of wire, one side of said link being positioned in the tubular part of said strip and the other side of said link terminating in two free ends adapted to be positioned within the U shaped portion of said strip.

CHARLES H. STAPF.

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