No. 615,170. Patented Nov. 29, 1898.

W. HENCKLER.

FISH HOOK.

(Application filed Feb. 12, 1898.)

(No Model.)

Fig. 1.

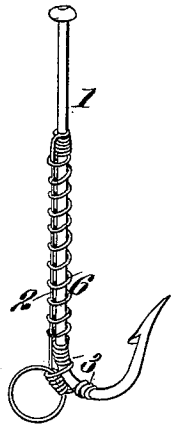


Fig. 2.

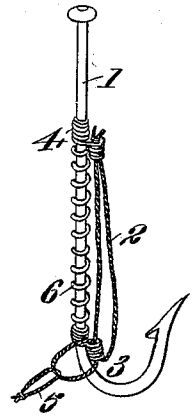


Fig. 3.

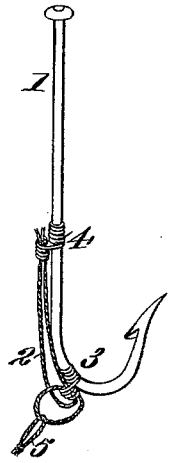
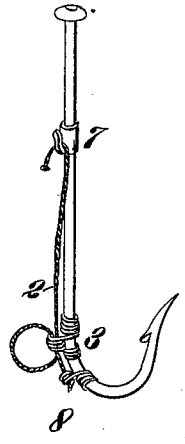


Fig. 4.



Attest;

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UNITED STATES PATENT OFFICE.

WILLIAM HENCKLER, OF ST. LOUIS, MISSOURI.

FISH-HOOK.

SPECIFICATION forming part of Letters Patent No. 615,170, dated November 29, 1898.

Application filed February 12, 1898. Serial No. 670,045. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENCKLER, a citizen of the United States of America, and a resident of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Fish-Hook, of which the following is a specification.

My invention relates to fish-hooks, and has for its object to prolong the life of live bait. It consists in providing the hook with means for fastening the bait thereto without piercing the bait.

It also consists in a loop mounted on a hook, adapted to bind the bait thereto.

It also consists in means for tightening and holding said loop.

In the accompanying drawings, which form part of this specification, Figure 1 is a view of my device with a loop made of wire. Fig. 2 is a similar view with a loop made of cord. Figs. 3 and 4 are modifications omitting the spring for tightening the loop.

Like symbols refer to like parts wherever they occur.

On the shank 1 of the fish-hook, at or near the bend thereof, is a guide 3, adapted to let a string 2 run freely through it. This guide may be fixed or movable on the shank. Preferably the guide consists of a wire bent into two short cylindrical sections, one of which is around the shank and binds tightly thereon and the other is offset from the shank and constitutes an eye-ring or tube for the string to pass through. A string 2, of thin wire, silk, or linen cord or other suitable material, has both its ends inserted through said ring or tube in opposite directions, whereby the intermediate portion of the string constitutes a loop which tightens or lessens in size when the ends of the string are drawn. In use the loop is opened out and the bait-fish inserted therein. Then the ends of the string are drawn to suitably tighten the loop around the bait-fish near the tail thereof, where the least injury is done, and such ends are held fast in the tightened position by any suitable means. The drawings illustrate divers means for this purpose. In the device shown in Fig. 3 the ends of the string are passed through an eye-ring or tube 4, similar to that shown at 3, and knotted or tied together. This eye-ring or tube slides on the shank of the hook, but binds tight enough to hold the string wherever adjusted. Obviously instead of having the wire coil 4 movable it might be fixed, in which case the ends of the string could be wedged between successive coils of the wire, and thereby fastened. In the device shown in Fig. 4 one end of the string is fastened near the guide 3 and the other end binds between a spring-cleat 7 and the shank or is wound around an ordinary cleat.

When the device 4, to which the end or ends of the string are fastened, is movable, the tension of the loop may be applied automatically by means of a helical spring 6, coiled around the shank between and bearing against the string-guide 3 and the device 4, as shown in Figs. 1 and 2. The construction shown in Fig. 1 is specially adapted for a wire loop, as the loop automatically opens or enlarges when the device 4 is pressed toward it. When the loop is made of other material than wire, it is desirable to have a small ring or loop, as 5, or cord or other suitable device around the string forming the loop to constitute a finger-piece to facilitate the loosening or enlarging of the loop.

What I claim is—

1. A fish-hook having a string-guide at or near the bend thereof and provided with a string looped through said guide, the end or ends of said string being movable to tighten said loop, substantially as and for the purpose set forth.

2. A fish-hook having a string-guide at or near the bend thereof and provided with a string looped through said guide and means mounted on said hook whereby said loop may be held tightened, substantially as and for the purpose set forth.

3. A fish-hook provided with a string fastened thereto at one end and having a sliding loop therein and a cleat on said hook for binding the movable end of said string, substantially as and for the purpose set forth.

4. A fish-hook provided with a sliding string loop adapted to bind the bait thereto, said loop being provided with a finger-piece for opening said loop, substantially as and for the purpose set forth.

5. A fish-hook provided with a sliding string

loop adapted to bind the bait thereto, and a sliding finger-piece on said loop for opening the same, substantially as and for the purpose set forth.

6. A fish-hook provided with a string-guide, a string looped therethrough and an adjustable device sliding on the shank of said hook, said string being fastened to the sliding device, substantially as and for the purpose set forth.

7. A fish-hook provided with a string-guide, a string looped therethrough and a sliding device on said shank to which said string is fastened, and a spring coiled around said shank and bearing against said guide and said sliding device respectively, substantially as and for the purpose set forth.

WM. HENCKLER.

Witnesses:
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