

(No Model.)

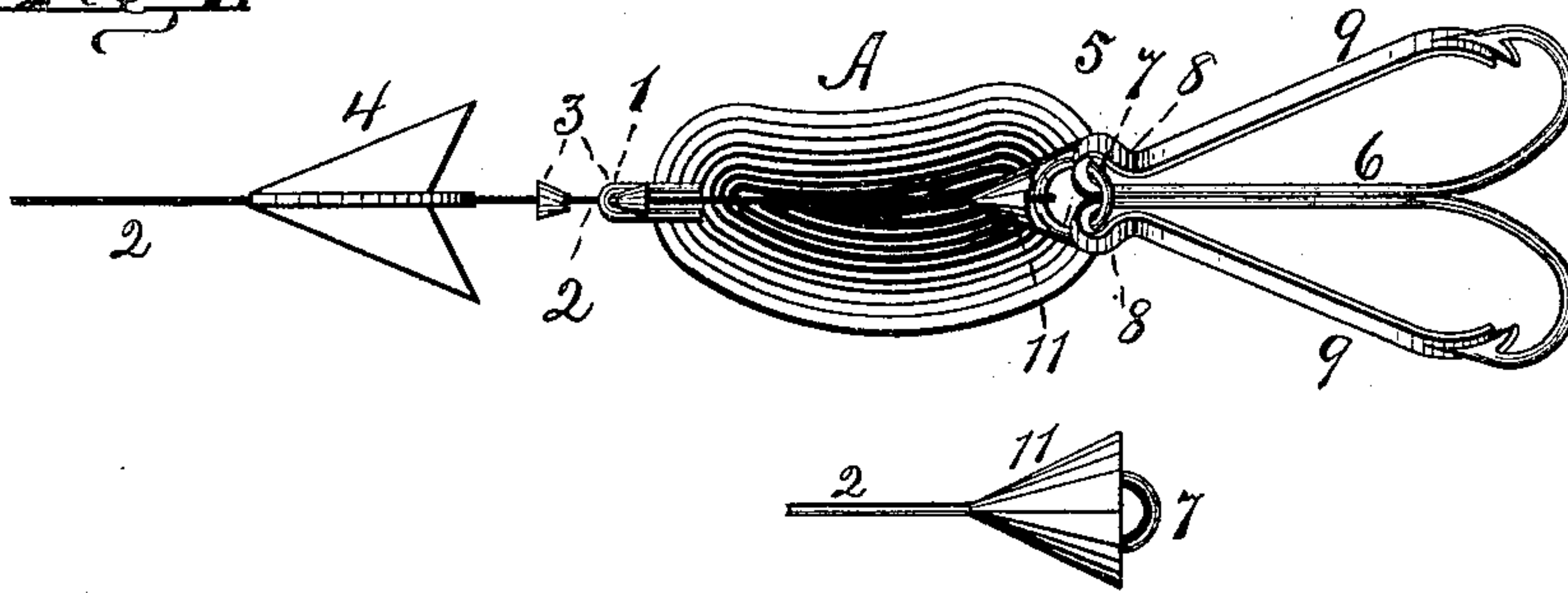
H. LOFTIE.

SPOON BAIT.

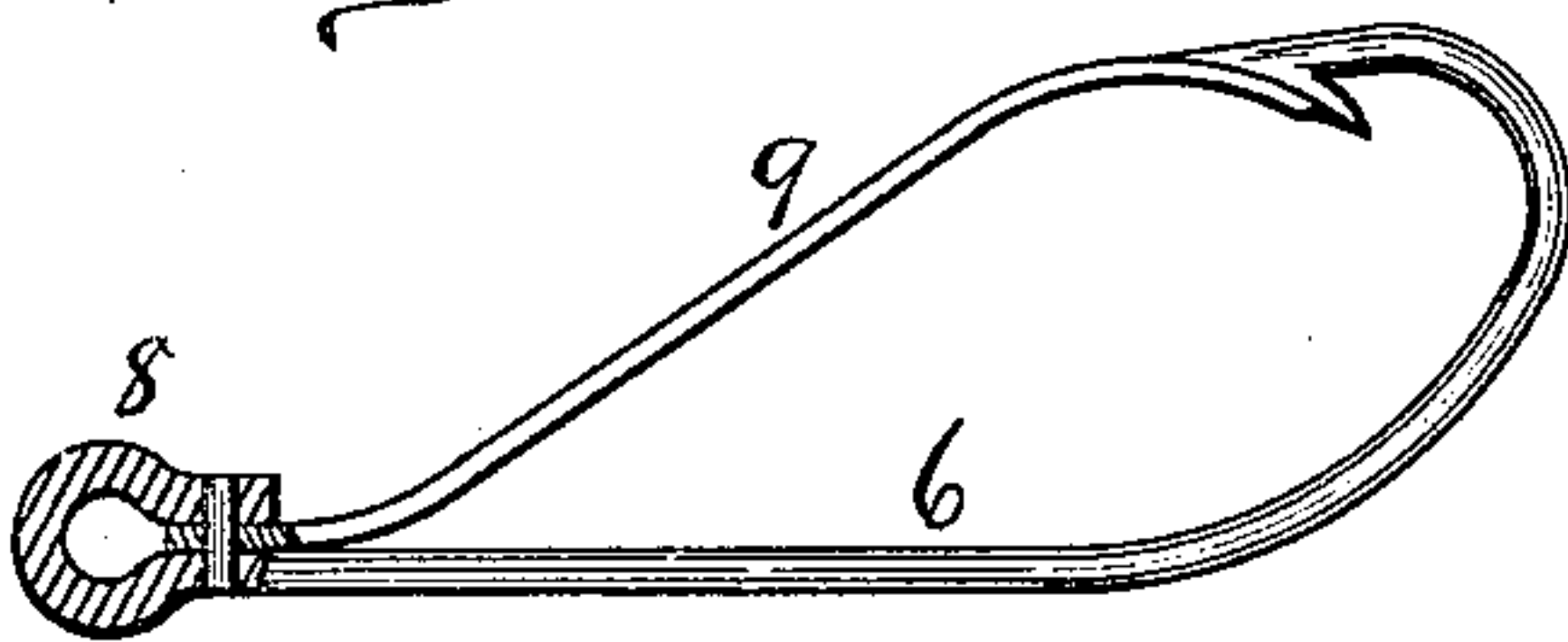
No. 390,028.

Patented Sept. 25, 1888.

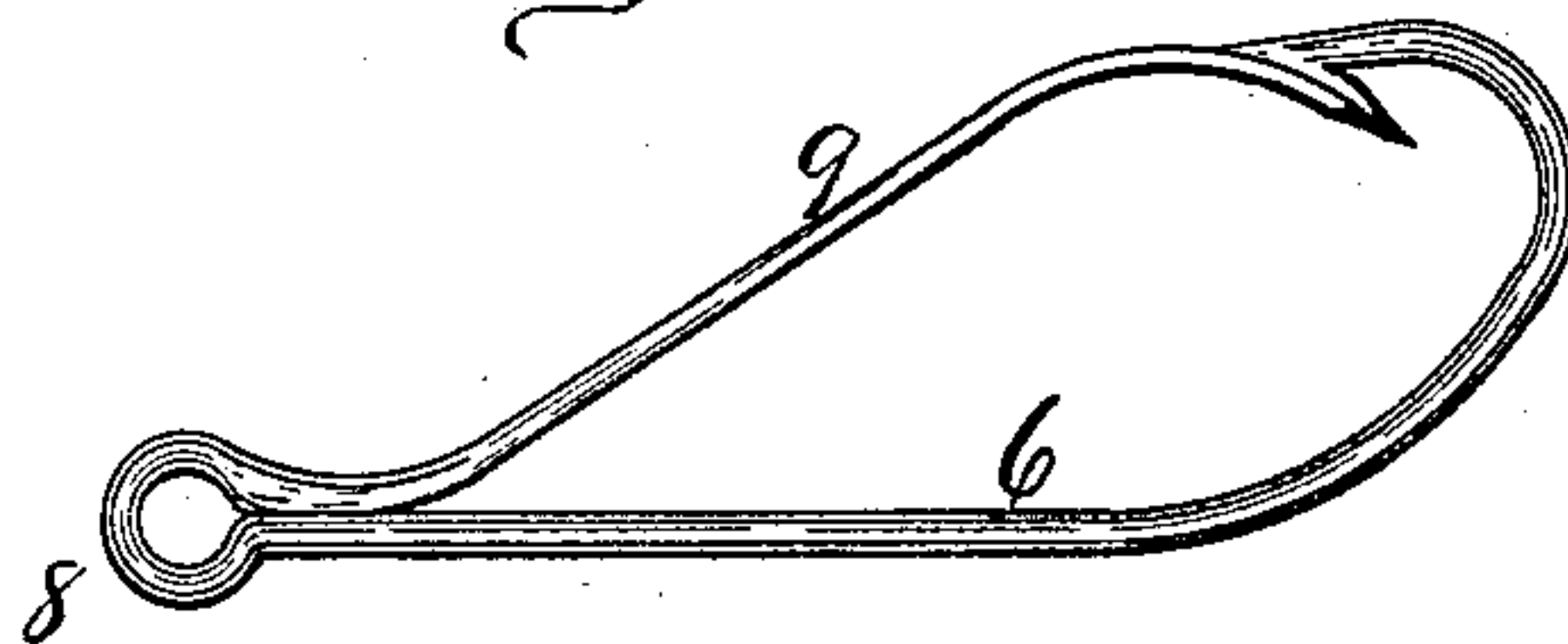
*Fig 1.*



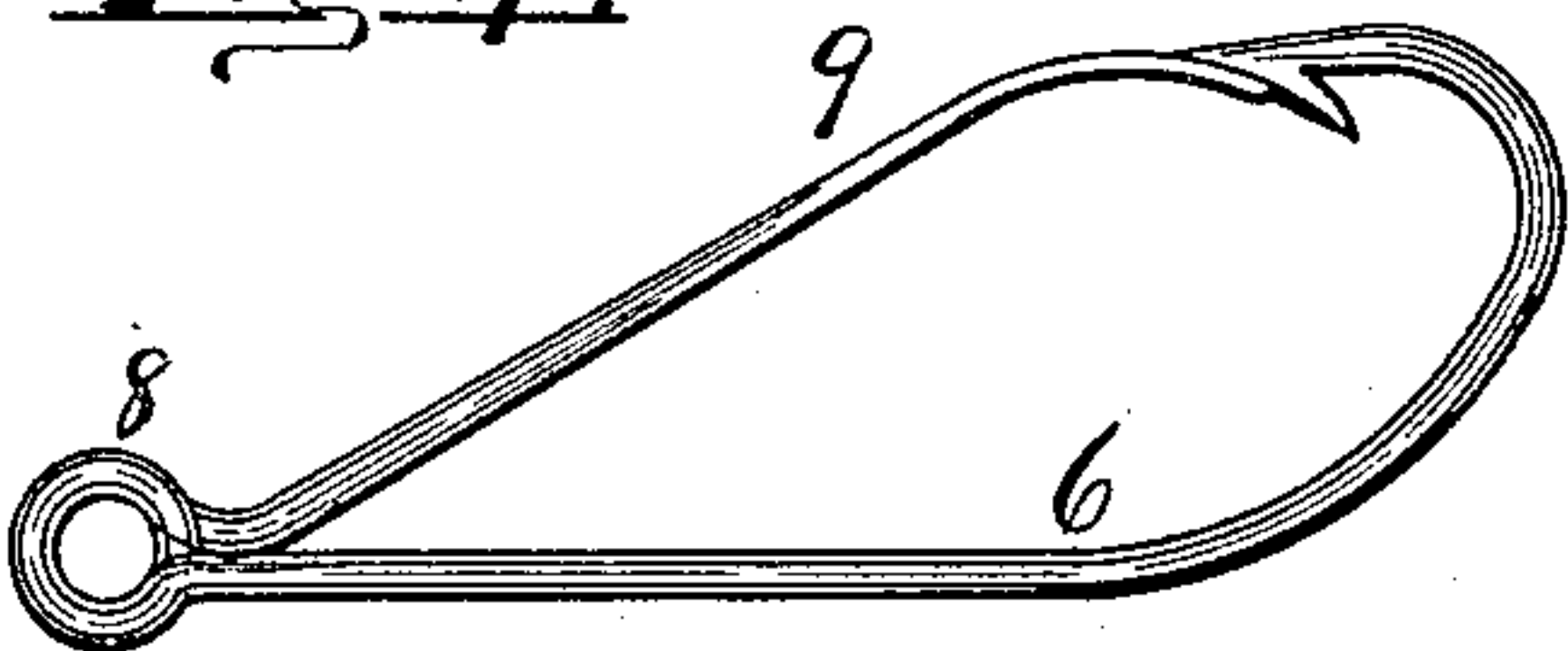
*Fig 2.*



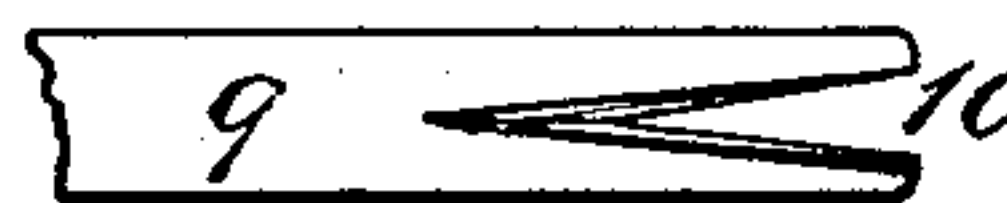
*Fig 3.*



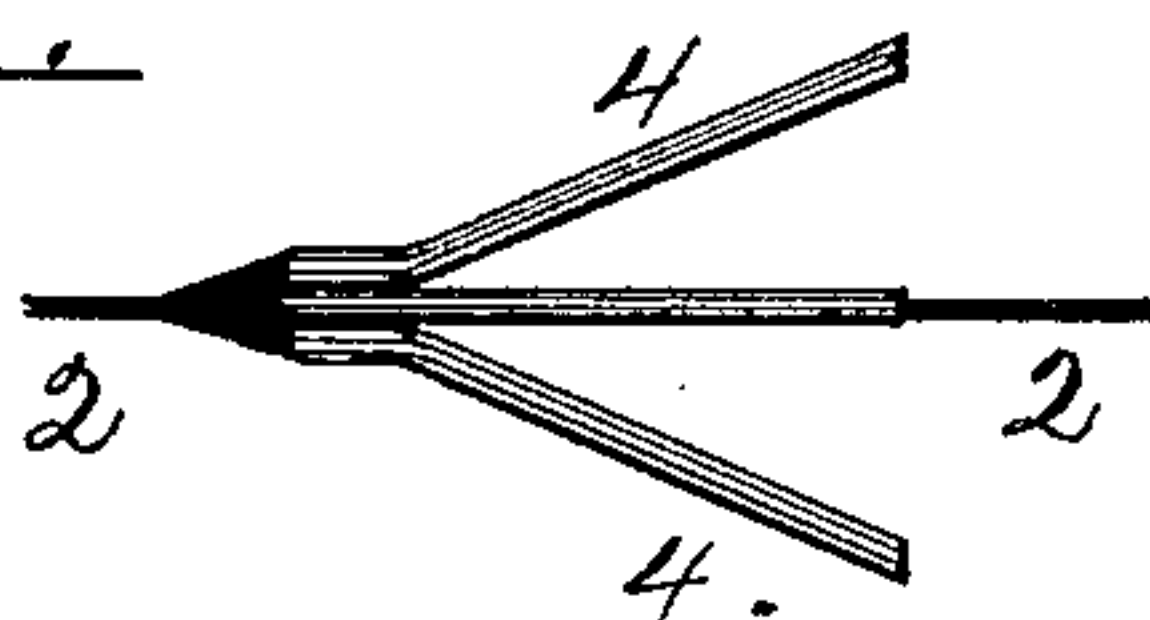
*Fig 4.*



*Fig 5.*



*Fig 6.*



Witnesses  
*Ch. Smith*  
*E. Evans*

*Henry Loftie* Inventor

# UNITED STATES PATENT OFFICE.

HENRY LOFTIE, OF SYRACUSE, NEW YORK.

## SPOON-BAIT.

SPECIFICATION forming part of Letters Patent No. 390,028, dated September 25, 1888.

Application filed February 1, 1888. Serial No. 262,680. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY LOFTIE, of Syracuse, in the county of Onondaga, in the State of New York, a citizen of the United States, have invented certain new and useful Improvements in Spoon-Baits, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is an elevation, partially sectional, of the bait complete, with an elevation of the sectional portion detached. Figs. 2, 3, and 4 are views of hooks of various differences in construction, but all embodying the same principle. Fig. 5 is an enlarged plan of the end of the spring. Fig. 6 is a plan view of a wire weed-deflector.

My invention relates to what are commonly called "spoon-baits," to be used in trolling for fish; and my object is to improve their construction and increase their utility.

It consists in the several novel features of construction and operation which are hereinafter described, and which are specifically set forth in the several clauses of claim hereunto annexed.

It is constructed as follows:

A is the spoon, of any ordinary construction, provided with the customary eye, 1, through which the wire 2 passes, and 3 are the usual swivel-washers.

Above the swivels, upon the wire 2, I secure the weed-deflector 4, consisting of several pieces of sheet metal secured by an edge to the wire and to each other, so that they stand out radially therefrom, their outer edges meeting the wire at their front ends, and thence flaring backward and outward, substantially as shown; or I can use pieces of wire secured at their front ends to the wire 2, and flaring outward and backward, as shown in Fig. 6.

Upon the lower end of the wire I form an eye, 5, into which I can insert the hook or hooks 6; or I can use an intermediate ring, 7, inserted through the eye, and the hook-eye inserted into the ring.

The hook 6 consists of a hook portion bent substantially as shown, and pointed and barbed, and having an eye, 8, formed at the upper end of the shank by bending the shank

over upon itself and inserting between the parts the spring hook-protector 9, and securing these parts by a rivet, or in any other manner. This spring in Fig. 2 consists of a flat strip of spring metal, provided in its free end with a longitudinal groove or groove and slot, 10, wide and deep and long enough to receive the point and barb of the hook sufficiently so that the extremity of the point will be at least flush with the outer face of the spring.

In Fig. 3 the hook and spring are integral, the spring part being flattened below the eye. In Fig. 4 the eye is formed by a coil of the hook-wire, which gives more spring action to the spring.

It will be observed that my spring point-protector extends from the eye of the hook across to the point, and is either integral with the whole hook, (point, shank, and eye,) or is secured at the eye, so that it is substantially integral with the whole hook, and that I do not use or require any auxiliary spring; nor do I connect the spring to a sleeve adapted to slide upon the shank of the hook.

The springs should be sufficiently elastic to be easily compressible.

The cone 11, secured upon the wire 2, incloses and prevents weeds from catching upon the joint between the hooks and draw-wire 2.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A hook consisting of a barbed point, a shank, and an eye, and a spring integral with the eye and rest of the hook, and extending from the eye to the point, substantially as described.

2. In a spoon-bait, a deflector, 4, secured to the draw-wire above the spoon, in combination with the wire, the spoon fitting thereon, and the hooks connected thereto, substantially as described.

3. In a spoon-bait, the combination, with the draw-wire and hooks connected thereto, of the cone secured to the wire and inclosing the joint between the hooks and wire, substantially as described.

4. In a spoon-bait, the combination, with the draw-wire and swivel-washers secured thereon, and the spoon provided with an eye



fitting over the draw-wire between or above the swivel washers, of the weed-deflector 4, secured to the draw-wire above the spoon-swivels, substantially as described.

- 5 5. A spoon-bait consisting of a draw-wire provided with a deflector, 4, consisting of wings radiating outward from the wire and outward and backward therefrom, with spoon-washers upon the wire, and a spoon adapted  
10 to play upon the wire, a cone secured upon the lower end of the wire and inclosing the joint between the hooks and the wire, and

hooks connected to the wire and provided with a spring extending from the eye of the hook to the point and barb, and grooved to receive the point and barb, substantially as shown and described.

In witness whereof I have hereunto set my hand this 14th day of January, 1888.

HENRY LOFTIE.

In presence of—

C. W. SMITH,  
E. EVANS.