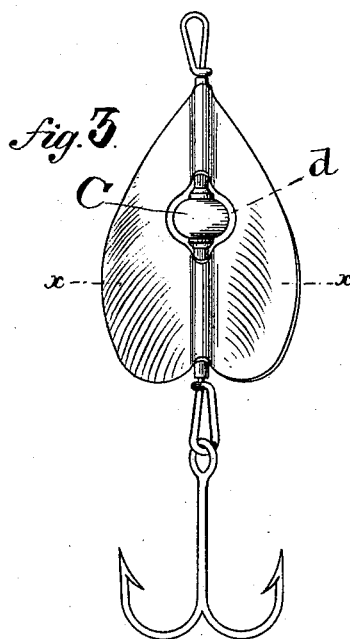
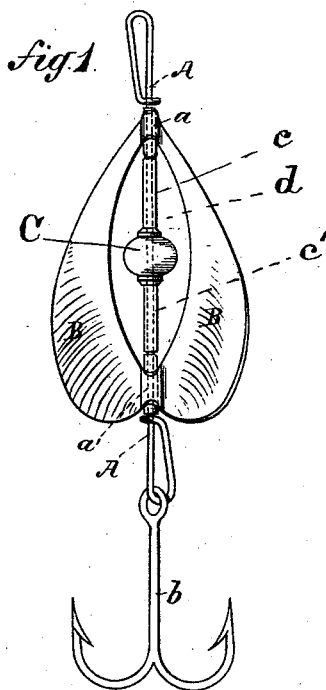


(No Model.)

J. B. McHARG.
SPINNING FISH BAIT.

No. 347,122.

Patented Aug. 10, 1886.



Witnesses:

a. g. Munnings
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Inventor:

John B. McHarg
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UNITED STATES PATENT OFFICE.

JOHN B. MCHARG, OF ROME, NEW YORK.

SPINNING FISH-BAIT.

SPECIFICATION forming part of Letters Patent No. 347,122, dated August 10, 1886.

Application filed February 9, 1884. Serial No. 120,211. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. MCHARG, of Rome, Oneida county, New York, have invented an Improvement in Spinning Fish-Baits, of which the following is a specification, reference being had to the accompanying drawings, forming part of the same, in which—

Figure 1 is a side view of a spinning fish-bait embodying my invention. Fig. 2 is a cross-section on line *x x*, Fig. 1, and Fig. 3 is a side view showing a modification of said bait.

My invention relates to a spinning fish-bait; and it consists in the combination of a metal plate rotatable on its longitudinal axis, an opening in the body of said plate at and along said axis, and a globular reflector located on said axis within said opening, as hereinafter particularly described.

A is the axis of the bait, consisting of a piece of wire with a loop at its upper end, as shown, to serve for attaching the bait to the fish-line, and with a loop at its lower end to serve for attaching the fish-hook *b*.

B is a metal plate, generally highly polished, so that it reflects light, and preferably oval in outline, as shown. This plate is mounted to rotate on the axis A, having bearings *a a'*, the axis extending longitudinally of the plate. The plate on opposite sides of the axis is reversely inclined or pitched, so that the plate will be caused to rotate on its axis when drawn rapidly through the water, as in trolling. This form of the plate is shown in Fig. 2.

d is an opening in the center of the plate and at and along the longitudinal axis, as shown. This opening may extend the major portion of the length of the plate B, or it may reach over a minor portion of such length, as shown in Fig. 3.

C is a globe or ball mounted on the axis A within the opening *d* in the plate B. This ball is preferably of burnished metal, it being thus adapted to reflect light. Washers *c c'* may be employed to hold the ball C centrally of the opening *d*.

I am aware that glass beads have been heretofore employed as washers and bearings in spinning fish-baits; but in such cases the

beads have been located at the ends or above and below the sides of the revolving bait, and, from their nature and location, have not performed the office of reflectors, and have usually been more or less obscured by the revolving bait.

I am also aware that a bait has been heretofore constructed with a longitudinal opening in the body of the revolving plate and a tubular or cylindrical reflector on the axis within said opening; but in a bait thus constructed the tubular or cylindrical reflector operates to reflect the light only to or in the direction of the sides or edges of the bait, and not, as in the case of my globular reflector, to or in the direction of both the forward and rearward end of the bait, as well as to the sides.

It is obvious that my globular reflector will reflect light radially in all directions, while, from the nature of its structure, a cylindrical reflector or tube on the central axis can reflect only in parallel lines sidewise of the

I do not intend to claim herein, broadly, a spinning bait in which there is combined with the rotating plate a reflector in an opening in the body of the plate, nor the combination with such revolving plate of bead-washers, whether of metal or glass, but I desire to limit my claim hereunder to the combination of the specific parts shown and described—namely, the plate B, rotatable on its axis and having reversely-inclined opposite edges and provided with the opening *d*, together with the globular reflector C on said axis within said opening, as set forth.

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

A spinning fish-bait composed of a plate, B, having reversely-inclined opposite edges, an axis, A, extending longitudinally of said plate, and on which said plate is mounted to rotate, an opening, *d*, in said plate at and along said longitudinal axis, and a globular reflector, C, on said axis within said opening, as and for the purpose specified.

JOHN B. MCHARG.

Witnesses:

A. G. N. VERMILYA,
A. S. FITCH.