

T. F. FITZGERALD.

Trolling-Hooks.

No. 146,443.

Patented Jan. 13, 1874.

Fig. 1.

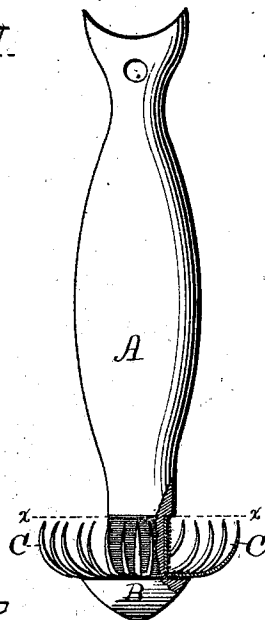
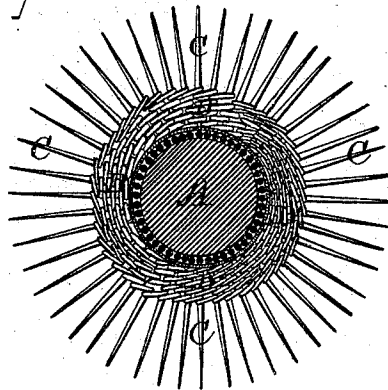


Fig. 2.



WITNESSES:

Jas. C. Hutchinson
 John R. Young

INVENTOR.

Thos. F. Fitzgerald, by
 Orindle & Deane, his Attys.

UNITED STATES PATENT OFFICE.

THOMAS F. FITZGERALD, OF ROCKPORT, MASSACHUSETTS.

IMPROVEMENT IN TROLLING-HOOKS.

Specification forming part of Letters Patent No. **146,443**, dated January 13, 1874; application filed December 12, 1873.

To all whom it may concern:

Be it known that I, THOMAS F. FITZGERALD, of Rockport, in the county of Essex and in the State of Massachusetts, have invented certain new and useful Improvements in Trolling-Hooks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a side elevation of my improved device. Fig. 2 is a section on line *xx* of Fig. 1.

Letters of like name and kind refer to like parts in each of the figures.

The present invention relates to a device for catching squids or small fish for bait; and it consists in the method or means by which pins or hooks are secured to or upon a piece of lead or metal, so that they shall be firmly and securely fastened thereto, and thus not only be effective in the use for which they are intended, by the arrangement adopted, but shall not easily get out of place or order.

This device is usually called a "squid-jigger."

In the drawings, A designates the lead or metal body of the jigger. This may be made of any suitable size or form, but, preferably, I should choose to use substantially the same form I have illustrated in the drawing, namely, elongated or fish shaped. B is the head, which is made of a considerably larger diameter than the portion of the body to which it is joined, thus affording on its upper side, or the side toward the body, a flange or shoulder, upon which the pins or hooks C may be rested. The pins or hooks may be made of any suitable metal, and of any desirable shape or size. The ends or the heads of these pins or hooks rest on the neck of the body of the jigger adjacent to the head, which is recessed sufficiently to allow the cord or twine D, when firmly wound about the said pins or hooks, to fill up the same flush with the said neck.

In constructing the jigger the pins or hooks are placed one by one with their heads or ends in said recess, while their shoulders or the bent portions rest upon the flange or projection of the head, the cord or twine being at the same time fastened to each pin or hook by half-hitches or any secure and suitable knot, and

wound around the neck of the jigger and the ends of the hooks or pins until the said hooks or pins are set entirely around the periphery of the jigger, and firmly and strongly fastened thereto. The cord is then tied or fastened at its end. The recessed portion of the neck is usually filled up by the twine, so as to make a good finish and present a seemly appearance. The hooks or pins are bent so that the shoulders rest upon the flange of the head, as is above described, and thence project considerably beyond the edge of the flange, curving upwardly and slightly inwardly at their points. The ends are made pointed and very sharp. In the small and tail end opposite the head is a hole for insertion of a line, by means of which the jigger is used. The body is usually made of lead, but any suitable metal can be used. It can be readily run in molds of the suitable size and shape, or constructed in any usual manner. When constructed, as above described, it may be painted or covered with any coloring substance.

By the above description it will be readily seen how this device is constructed.

Its operation in use is accomplished by means of a line attached to the tail end, by which the jigger is held suspended in the water, and moved rapidly up and down. The squids or fish attracted by the jigger, which is kept in rapid motion, as before described, dart at the jigger, and in attempting to grasp it, by means of the tentacula which surround their mouths, are caught by the sharp pins, before described, and so held securely.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

The squid-jigger herein described, consisting of the metal body A, head B, and hooks or pins C, when the several parts are made, combined, and united in the manner and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 9th day of December, 1873.

THOMAS FRANÇOIS FITZGERALD. [L S]

Witnesses:

L. S. TUCKERMAN,
ANDREW FITZ.