

J. H. PLACE.
FISHING-HOOK.

No. 171,697.

Patented Jan. 4, 1876.

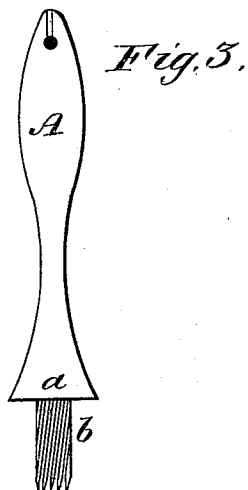
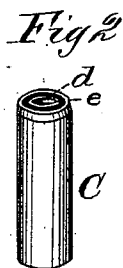
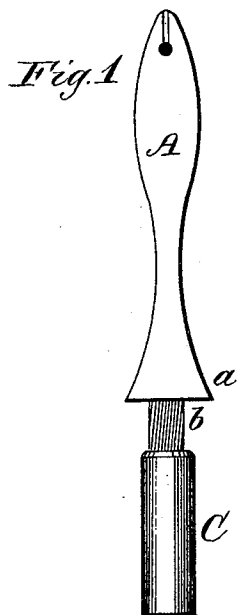


Fig. 4

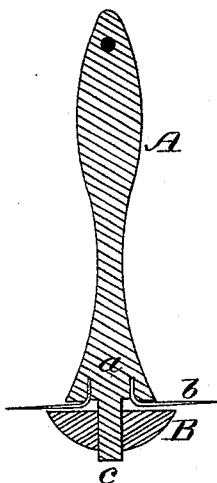


Fig. 5

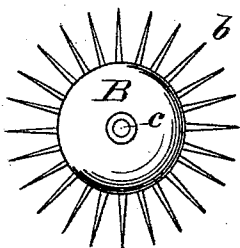
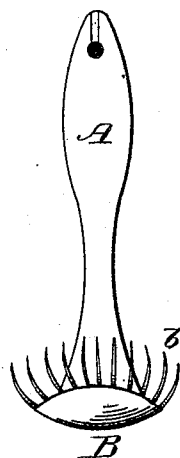


Fig. 6



WITNESSES

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UNITED STATES PATENT OFFICE.

JAMES H. PLACE, OF GLOUCESTER, MASSACHUSETTS.

IMPROVEMENT IN FISHING-HOOKS.

Specification forming part of Letters Patent No. **171,697**, dated January 4, 1876; application filed November 20, 1875.

To all whom it may concern:

Be it known that I, JAMES H. PLACE, of Gloucester, in the county of Essex and State of Massachusetts, have invented a new and valuable Improvement in Squid-Jiggers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of my improved jigger, partly finished, with the thimble for holding the pins in position while the metal is cast around them. Fig. 2 is a perspective view of the thimble; Fig. 3, a view of the jigger after coming from the mold. Fig. 4 is a longitudinal vertical section of the jigger with cap attached, partly finished. Fig. 5 is an end view of the cap with pins, and Fig. 6 is a view of the jigger when finished and ready for the market.

This invention has relation to that class of devices for catching squids or small fish to be used for bait.

Previous to my invention, so far as I am aware the pins or pointed spurs have been secured to and around the lower end of the jigger by a cord or twine. This process has proven a very tedious one, as it has been found exceedingly difficult to retain the pins in their proper relation to each other while they are being secured by the twine or thread, thereby greatly adding to the cost of their manufacture. Another very great objection also presents itself, resulting from the continuous breaking or rotting of the thread by its exposure to the water, rendering the jigger in a very short time entirely worthless for the purpose intended.

The object of my invention, therefore, is to remove these objections and produce a jigger that will not be affected by exposure to the water, and at the same time greatly reduce the cost in their manufacture; and to accomplish this end the invention consists of a jigger in which the pins or spurs are permanently secured by casting the metal around them during the process of forming the body, as will be hereinafter more fully described.

In the accompanying drawing, A represents the body of the jigger, formed of lead or other

suitable metal, having a wide base, *a*, against which the pins or pointed spurs *b* are brought during the process of bending them at the desired angle after the metal has been cast around them. The body A is cast with a central spur or bolt, *c*, over which is secured a cap, B, for clamping the pins and keeping the lower portion in their proper relative position. In the process of manufacturing my improved jigger a metal thimble, C, is employed, having an annular opening, *d*, and a central opening, *e*, the pins being placed within the opening *d*, with their points downward, after which the metal is cast around them during the process of forming the body A, the central opening *e* of the thimble forming the bolt *c*. The thimble is then withdrawn, and the pins are then bent around, as illustrated in Fig. 4, exposing the bolt *c*, and allowing the cap B to be slipped over the same, after which the cap B and bolt *c* are permanently secured together. The pins are then bent around to the proper form, as illustrated in Fig. 6, and the body A, together with the cap, are painted or covered with any suitable coloring substance, thus completing the article for the market.

It will be seen that, as the pins are in the metal solid, there is no danger or possibility of their becoming loose or pulled out, and as there is no fibrous material, such as thread or twine, employed in securing the pins to the body of the jigger, the water or fish gurry will have no effect in injuring the same.

Having now fully described my invention what I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a squid jigger, the pins or pointed spurs of which are secured to the body by casting the metal around them, substantially as and for the purpose specified.

2. A squid-jigger, consisting of the body A with base *a*, bolt *c*, pins or spurs *b*, and the cap B, constructed and arranged substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES H. PLACE.

Witnesses:

EDWARD STATEN,
WILLIAM D. LUFKIN.