(No Model.)

W. D. CHAPMAN.

ARTIFICIAL FISH BAIT.

No. 295,350. Patented Mar. 18, 1884.

Fig. 1.

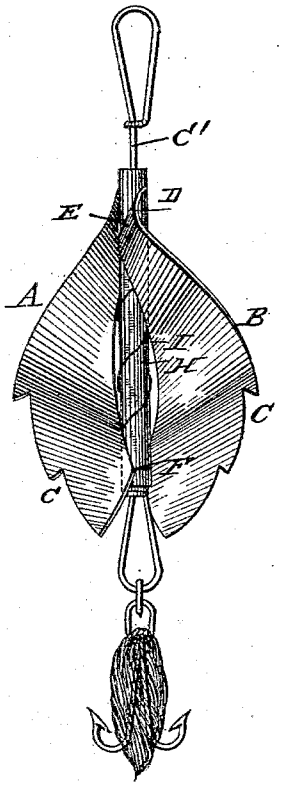


Fig. 2.

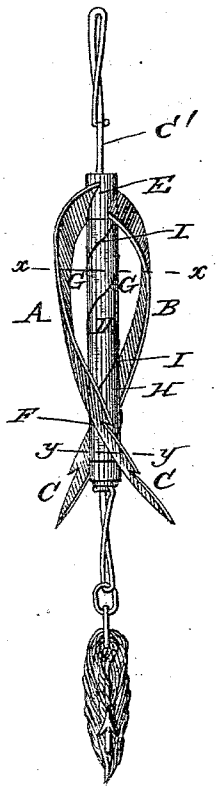


Fig. 3.

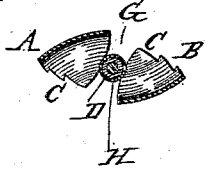
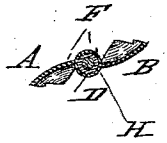


Fig. 4.



William D. Chapman
INVENTOR.

By Louis Bagger & Co.
ATTORNEYS.

WITNESSES:

Fred. G. Dieterich.
Arthur L. Morrell.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM DUDLEY CHAPMAN, OF THERESA, NEW YORK.

ARTIFICIAL FISH-BAIT.

SPECIFICATION forming part of Letters Patent No. 295,350, dated March 18, 1884.

Application filed December 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM D. CHAPMAN, a citizen of the United States, and a resident of Theresa, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Artificial Baits; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side elevation of my improved artificial bait. Fig. 2 is an edge elevation of the same. Fig. 3 is a cross-section on the line *x x*, and Fig. 4 is a similar section on the line *y y*.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to revolving metallic bait used in trolling for fish, or so-called "minnow-propellers;" and it consists in an improvement upon the minnow-propeller for which Letters Patent of the United States No. 104,930, dated July 5, 1870, (antedated May 4, 1870,) have been granted to me. The nature of said improvement will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings, A and B denote two corresponding plates of sheet metal, by preference silver-plated or nickel-plated, and cut of the shape shown in the drawings, each plate being gradually enlarged toward its rear end, where it is provided with a series of notches, C. At their upper reduced ends these plates are soldered or otherwise fastened upon a small metallic tube, D. They are then bent around said tube in opposite directions, and then again fastened to the same near its lower end, the points of attachment of the plates to the central tube being indicated, respectively, by the letters E and F.

By reference to Figs. 2 and 3 of the drawings, it will be seen that an open space, G, is left on opposite sides of the central rod or tube D, whereas in the minnow-propeller shown and described in Patent No. 104,930 the contiguous concave faces of the two plates are secured together the greater portion of their length. By the improved construction herein shown and described, I not only reduce the resistance of the water when the device is used for trolling, inasmuch as the water will pass between the central tubular rod and the openings or water-ways G G on both sides of the same, but the device will revolve with greater speed and regularity than the old device without reducing its strength or increasing the cost of manufacture.

That part of the tubular stem D which is between the points of attachment of plates A and B is wrapped with foil, (shown at H,) which is held in place by silk cords I, of variegated colors, or fine wire twisted spirally around the tube. This adds to the attractiveness of the bait without materially increasing its cost.

C′ represents the lock-snood, which is of ordinary construction, and upon the central portion of which the tubular stem D rotates.

Having thus described my invention, I claim and desire to secure by Letters Patent of the of the United States—

1. The artificial trolling-bait, composed of the central tube, D, the curved plates A B, of gradually-increasing width toward their lower ends, having the notches C, and fastened to the central tube at the points E and F, whereby open spaces G are left on opposite sides of the tube, between it and the contiguous edges of the plates, and the lock-snood C′, inserted through the tube, all constructed and combined substantially as and for the purpose set forth.

2. The artificial trolling-bait, composed of the central tube, D, having a foil envelope or wrapping, H, held in place by cords or a fine wire, I, the curved plates A B, of gradually-increasing width toward their lower ends, having the notches C, and fastened to the central tube at the points E and F, whereby open spaces G are left on opposite sides of the tube, between it and the contiguous edges of the plate, and the lock-snood C′, inserted through the tube, all constructed and combined substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

WILLIAM DUDLEY CHAPMAN.

Witnesses:
P. B. SALISBURY,
H. D. SCHERMERHORN.