Jan. 27, 1931. A. H. SAMUEL 1,789,988

FISHING LINE SINKER

Filed Jan. 7, 1930

FIG. 1.

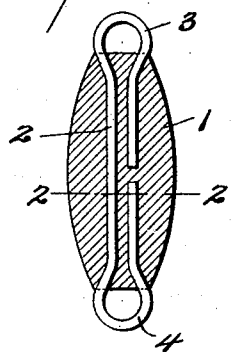
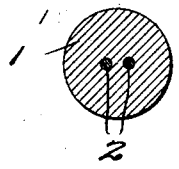


FIG. 2.



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UNITED STATES PATENT OFFICE

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FISHING-LINE SINKER

Application filed January 7, 1930. Serial No. 419,186.

This invention relates to fishing-line sinkers and has among its objects the provision of a fishing-line sinker whereby proper control of trolling depth is obtained. A further object of this invention is to provide a fishing-line sinker which will prevent undue oscillation of the fishing-line as it is drawn through the water.

Other, further and more specific objects of this invention will become more readily apparent to persons skilled in the art from a consideration of the following description when taken in conjunction with the accompanying drawings wherein:

Fig. 1 is a section lengthwise through the fishing-line sinker.

Fig. 2 is a cross section along line 2—2 of Fig. 1.

The fishing-line sinker consists of a body of cast or molded heavy metal (1), preferably lead, of ellipsoidal shape and having embodied therein a wire (2), preferably of brass, which is looped to form the eyes (3) and (4). The ends of the wire extend almost to the central part of the ellipsoidal body of metal. By this construction the wire is held tightly by the metal (1) and slipping is prevented.

The body of metal (1) should be of ellipsoidal shape, with the minor axis equalling 30 to 50% of the major axis, preferably 40 to 50%. Slight deviations from the true geometric ellipsoid of circular cross section are permissible but it is necessary to maintain the ratio of major to minor axis within the limits set forth herein, because a sinker which is more slender will cause objectionable oscillation and wiggling of the sinker and also the fishing-line as it is drawn through the water, while a sinker of more stubby form will interfere with proper control of trolling depth.

The present invention is not limited to the specific details set forth in the foregoing examples which should be construed as illustrative and not by way of limitation, and in view of the numerous modifications which may be effected therein without departing from the spirit and scope of this invention, it is desired that only such limitations be imposed as are indicated in the appended claim.

I claim as my invention:

A sinker for fishing-lines comprising a body of heavy metal of ellipsoidal form with the minor axis equalling 40 to 50% of the major axis and having a wire looped at each end reentering said body of metal to form a fastening eye at each end, said wire being held securely by said heavy metal against slipping within said body of metal and said wire being disposed to bear entirely the pull applied at said fastening eyes.

In testimony whereof I affix my signature.

ALBERT H. SAMUEL.