H. ENGLAND.

FISHING TACKLE.

APPLICATION FILED NOV. 11, 1919.

1,339,697. **Patented May 11, 1920.**

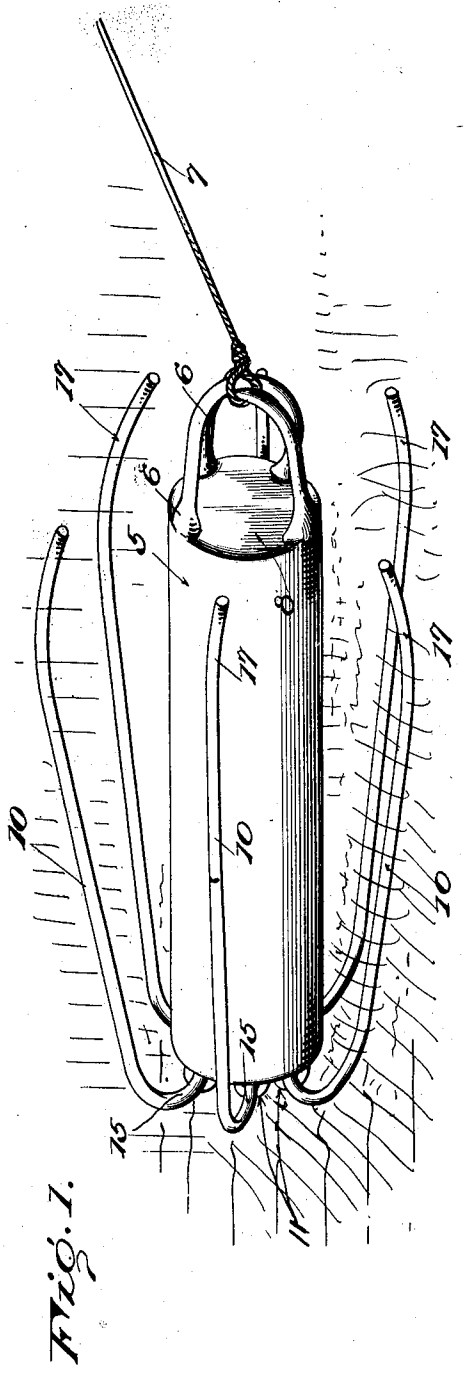


Fig. 1.

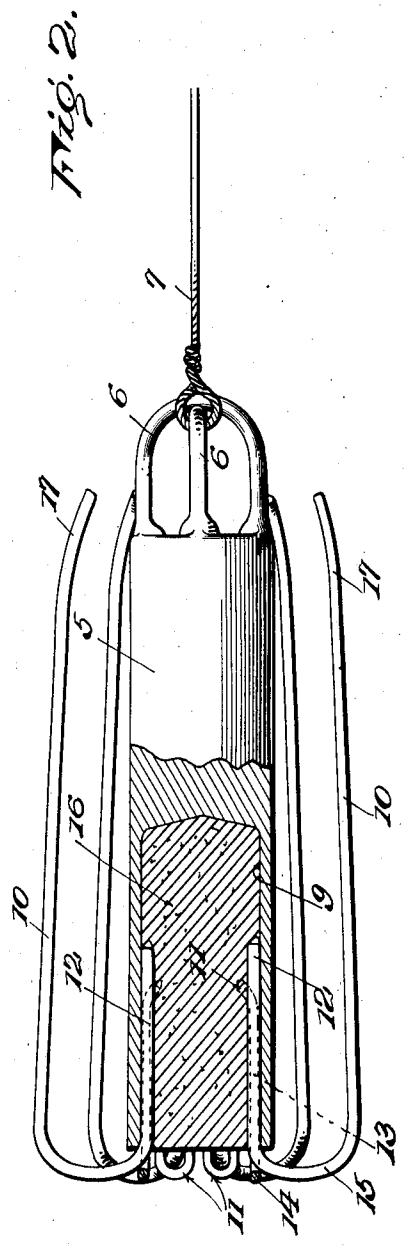


Fig. 2.

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UNITED STATES PATENT OFFICE.

HENRY ENGLAND, OF CHICAGO, ILLINOIS.

FISHING-TACKLE.

1,339,697. Specification of Letters Patent. Patented May 11, 1920.

Application filed November 11, 1919. Serial No. 337,336.

To all whom it may concern:

Be it known that I, HENRY ENGLAND, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Fishing-Tackle, of which the following is a specification.

This invention relates to improvements in fishing tackle and more particularly to the construction of anchors especially adapted for use in "trolley fishing."

An important object of this invention is to provide an anchor especially adapted for use in trolley fishing and provided with novel means for securing the same in a relatively stationary position whereby the trolley may be freely operated.

A further object of the invention is to provide an anchor of the class described having a plurality of yieldable arms adapted for engaging the bed of a river or other body of water, said arms being adapted to be moved inwardly to positions relatively close to the body of the anchor when the same is to be stored away.

A further object of the invention is to provide an anchor of the class described which is simple, desirable in use and cheap to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this application and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a side elevation of the improved anchor in position;

Fig. 2 is a side elevation of the anchor, parts thereof being shown in section.

In the drawing wherein for the purpose of illustration is shown a preferred embodiment of the invention, the numeral 5 designates the body of the anchor which in this case is cylindrical and is provided at one end with a pair of U-shaped attaching members 6 having their bight portions intersecting and connected to an anchor line 7. The U-shaped attaching devices 6 are formed integral with the upper end 8 of the body which is preferably of lead or other heavy metal.

As illustrated in Fig. 2, the lower end portion of the body 5 is provided with a longitudinally extending socket or bore 9 extending out through its lower end. A plurality of arms 10 have their lower end portions extending into the opening 9 and into contact with the side wall of the same. A U-shaped staple 11 is associated with each end portion 12 of the arms 10 and is provided with parallel arms 13 arranged on opposite sides of the terminal portion 12. The bight portions 14 of the staples 11 are in engagement with the curved portions 15 of the arms 10 and serve to prevent the removal of the terminal portions 12 from within the bore 9. A quantity of lead or other fusible metal 16 is poured within the opening or socket 9 and is adapted to securely retain the terminal portions 12 and the arms 13 within the opening 9. With reference to Fig. 2 it will be noted that the free end portions of the arms 13 of the staples are curved inwardly as indicated at 11, and are embedded within the filling 16, whereby the staples are prevented from accidental removal from within the opening 9.

The arms 10 which extend in spaced relation to the body 5 and terminate adjacent the forward end of the same are preferably formed of copper so that the same may be easily bent to the position illustrated in Fig. 1. When the anchor is in use, the arms 10 of the same are bent outwardly so as to readily engage such projections in the water as would serve to securely anchor the body in a relatively stationary position. When the device is not in use, the arms may be pressed inwardly to positions relatively close to the body 5 whereby the device will occupy but a small amount of space when packed away.

It might be stated at this point that an anchor constructed in accordance with this invention is especially adapted for use in trolley fishing and is adapted to secure the anchor line 7 taut. The trolley line to which a plurality of hooks are attached is connected at one end to the anchor line and is operated from the other end by the fisherman.

When the anchor is thrown overboard, the same is dragged along the river bed until the arms 10 engage mud, weeds or other obstructions. The anchor line 7 is then drawn taut and secured at its upper end to a post or other support. The trolley line may now be lowered into the water for properly locating the hooks of the same

within the water. The free end portions of the arms 10 are curved inwardly slightly as indicated at 17 so that when the arms engage an obstruction, the anchor will be securely retained in position.

It is to be understood that this improved anchor is not restricted to use in trolley fishing and it is to be also understood that the form of the invention herewith shown and described is to be taken as a preferred embodiment of the same and that such minor changes may be made as will remain within the spirit of the invention and the scope of what is claimed.

Having thus described the invention, what is claimed as new is:

1. A device of the class described including a body, a plurality of arms extending along the sides of the body and having one end portion curved and extended into the body, and a plurality of fastening members secured within the body and having their outer portions hooked and engaged with the curved portions of said arms for securing the arms in position.

2. A device of the class described including a cylindrical body having a longitudinally extending bore opening out through one end thereof, a plurality of anchoring arms having their rear end portions arranged within said opening and in contact with the forward wall of the same, staples associated with said arms, and a fusible member arranged within said bore and adapted to secure said arms in position.

3. A device of the class described including a cylindrical body having a longitudinally extending bore opening out through its lower end, a plurality of anchoring arms of yieldable metal having their lower end portions arranged within said bore and in contact with the side wall of the same, a U-shaped staple associated with the lower end portion of each arm and having its arm arranged on opposite sides of each of said anchoring arms, and an attaching device carried by said body.

4. A device of the class described including a cylindrical body having a longitudinally extending bore opening out through the lower end, a plurality of anchoring arms having their lower end portions bent upon themselves and arranged within said bore, a plurality of U-shaped staples having bight portions in contact with said arms, said staples being provided with parallel arms having their free end portions extended inwardly, a fusible member arranged within said bore for rigidly securing said staples and the lower end portions of said arms within said bore, and an attaching device carried by said body.

In testimony whereof I affix my signature.

HENRY ENGLAND. [L. S.]