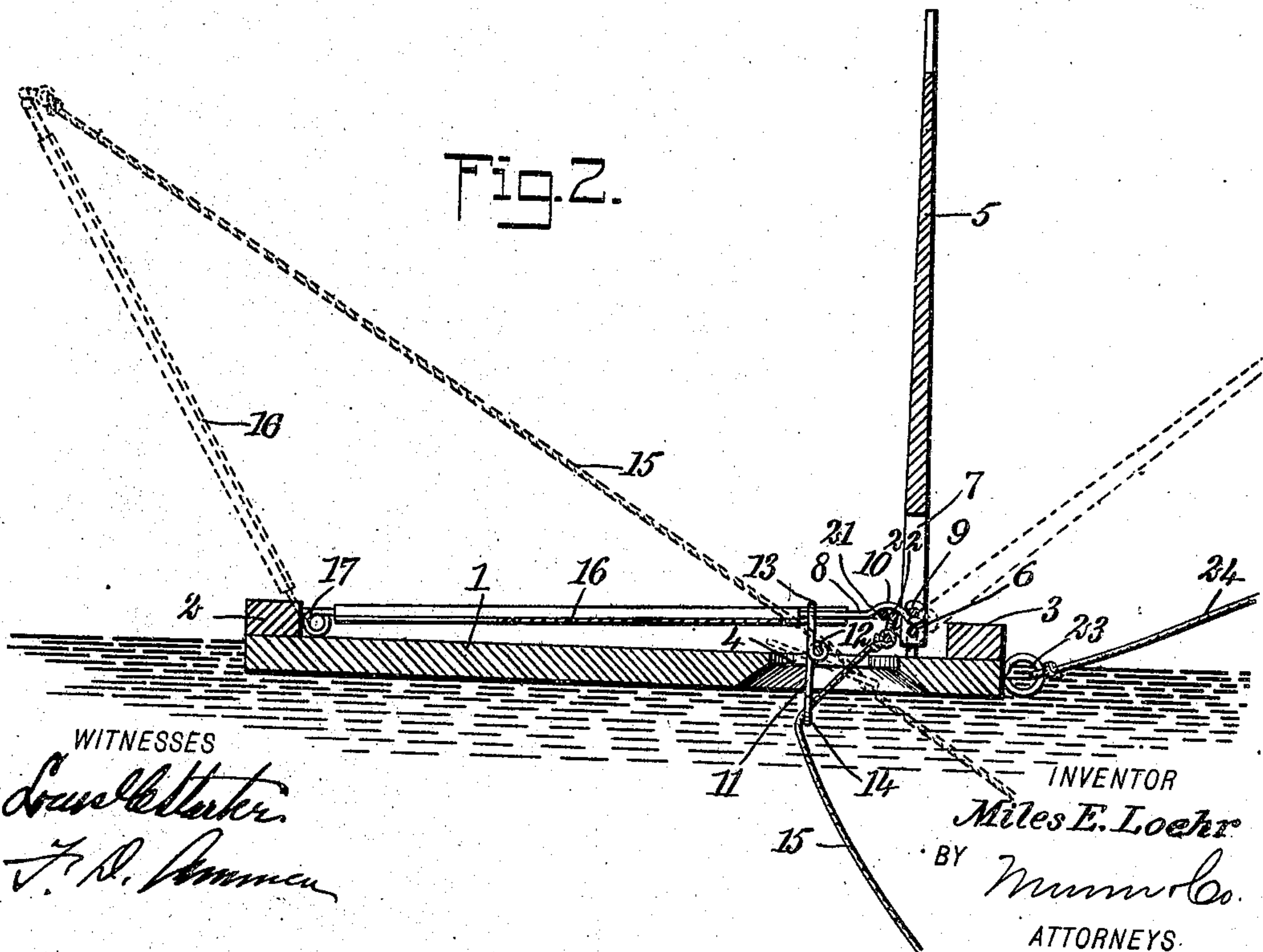
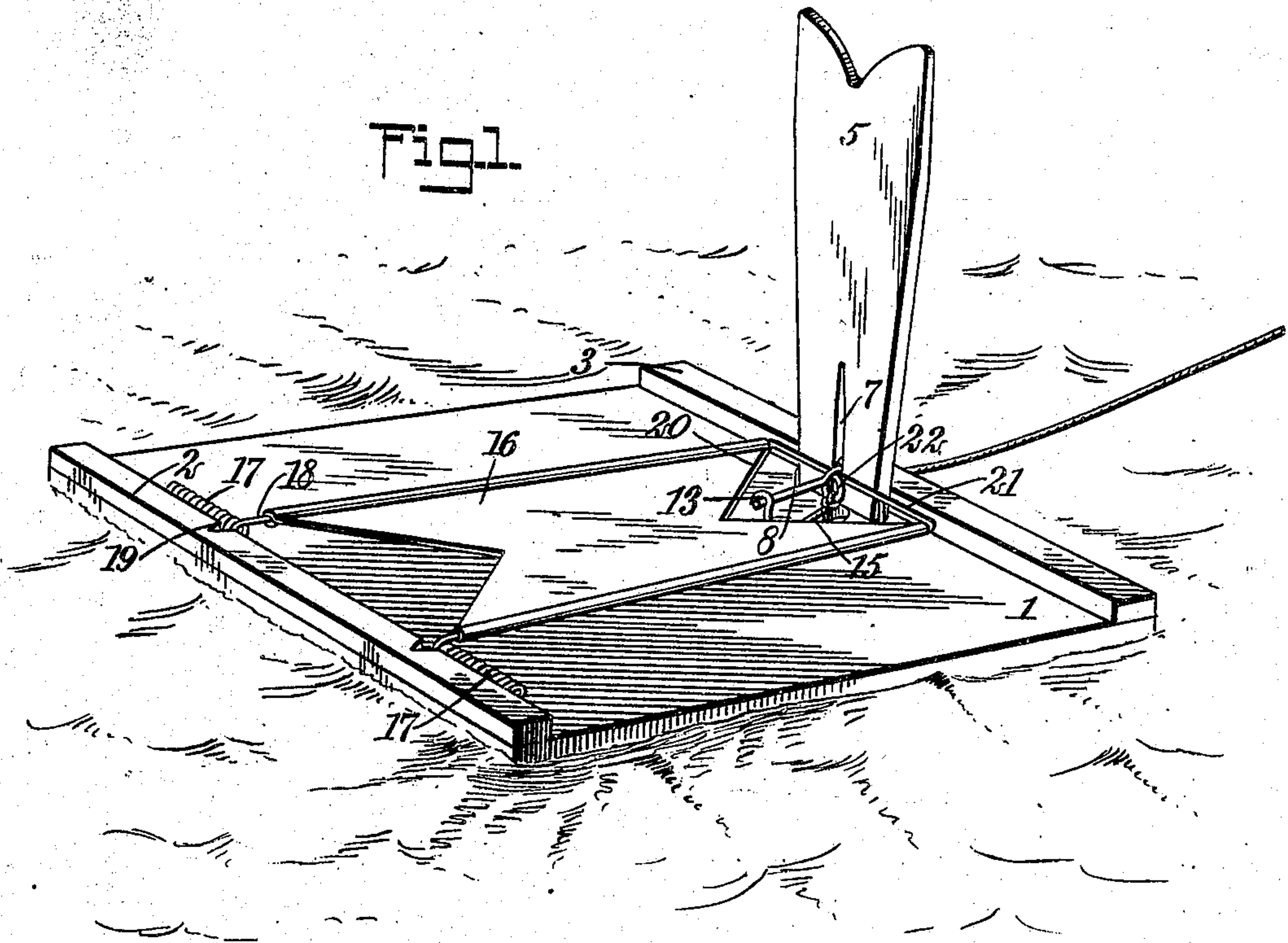


No. 885,627.

PATENTED APR. 21, 1908.

M. E. LOEHR.
FISHING FLOAT.

APPLICATION FILED JUNE 29, 1907.



WITNESSES

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MILES E. LOEHR, OF CLAYPOOL, INDIANA.

FISHING-FLOAT.

No. 885,627.

Specification of Letters Patent.

Patented April 21, 1908.

Application filed June 29, 1907. Serial No. 381,460.

To all whom it may concern:

Be it known that I, MILES E. LOEHR, a citizen of the United States, and a resident of Claypool, in the county of Kosciusko and State of Indiana, have invented a new and Improved Fishing-Float, of which the following is a full, clear, and exact description.

This invention relates to fishing floats, and the object of the invention is to produce a float of simple construction adapted to rest upon the water, and which is provided with a line carrying a hook. The construction is such that when the hook is taken by a fish, the device operates to strike so that the fish becomes caught.

A further object of the invention is to provide a construction which will enable the device to indicate whether it has been snapped or not; that is, whether or not there is a fish upon its line.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both figures.

Figure 1 is a perspective showing the device as it operates in practice; and Fig. 2 is a vertical central section through the device.

Referring more particularly to the parts, 1 represents the body of the float, which consists of a small raft or platform reinforced by bolsters 2 and 3 arranged at opposite edges thereof, as shown. Near the bolster 3 and near the middle axis of the float an opening 4 is formed, as indicated in Fig. 2. Adjacent to this opening and on the side near the bolster 3, a wooden indicator or blade 5 is attached pivotally by means of a staple 6 set in the upper face of the float as indicated. At its hinged end, the blade or indicator 5 is provided with a slit or centrally disposed slot 7, and in the lower portion of this slot a trigger bar 8 is pivotally attached upon a fixed stud 9. Near its point of attachment to the stud or pin 9, the trigger bar 8 is provided with a slight upward bow or curve 10, the purpose of which will appear more fully hereinafter.

In the opening 4 aforesaid a trigger 11 is pivotally attached upon a cross pin 12 disposed just above the opening. This trigger is formed of wire, and the upper extremity thereof is formed into a hook 13 which is

adapted to engage the end of the trigger bar 8, as will be described more fully hereinafter. The lower end of the trigger is formed into an eye 14 through which the cord or line 15 may pass, as shown.

At the opposite end of the float a second indicator or blade 16 is pivotally mounted by means of a pair of springs 17. This blade 16 is formed of a light wire frame, of substantially rectangular form, the side bars 18 of the frame being coiled so as to form the springs 17 which lie adjacent to the face of the bolster 2. The edge of the bolster adjacent to the bars 18 is provided with notches 19 which receive the bars 18 when the blade is in its erect position in which it is indicated in dotted lines in Fig. 2.

The body of the blade 16 consists of a metal plate attached to the wire frame, as will be readily understood; the outer end of this plate is removed so as to leave an opening 20 which exposes the cross bar 21 at the end of the blade.

It should be understood that the springs 17 tend to hold the blade 16 in a substantially upright position such as that indicated in dotted lines in Fig. 2. Near its middle point, the cross bar 21 is formed into an eye 22 to which the end of the cord or line 15 is attached. When the device is to be set to catch a fish, the indicator or blade 5 is moved into an erect position as indicated in the drawing, and the trigger bar 8 is moved back out of the way of the end of the indicator or blade 16, which is then depressed into a horizontal position lying on the face of the platform 1. Then the trigger bar 8 is moved down over the cross bar 21 so that the bow 10 of the trigger bar receives the cross bar as indicated in Fig. 2. The end of the trigger bar is then caught under the hook 13, as indicated in Fig. 1. In this way the indicator blade 16 is held in a depressed position. The line 15 which is attached to the eye 22, passes through the eye 14 and hangs in the water, its lower end being provided with a hook and sinker like an ordinary line. When a fish seizes the hook and pulls on the line 15, he will move the trigger 11 so as to disengage its hook 13 from the trigger bar. This releases the indicator or blade 16 which then flies up suddenly to its erect position. It comes against the bolster 2 which holds it up. In this way the line 15 is suddenly pulled in so that the hook strikes the fish. When the indicator 16 is released in this

manner, the indicator 5 falls backwardly toward the position in which it is shown in dotted lines in Fig. 2, in which position it is supported by the bolster 3.

5 It is intended that the float or a number of them shall be anchored out, and for this purpose, each float is provided with an I-bolt or ring 23 to which the anchoring cord 24 may be attached as shown.

10 The spring-actuated member 16 and the parts for setting and releasing it, may be considered as a trap mechanism; that is, this part of the device constitutes the active or trap mechanism.

15 Attention is called to the fact that when the device is set, only one of the indicators, namely, the indicator 5, will be in view, enabling the float to be seen from a distance at all times; but when the device is sprung or
20 snapped, both the indicators will be in view. The indicator or blade 16 being of metal, flashes in the sunlight and will attract the fisherman's attention.

Having thus described my invention, I
25 claim as new and desire to secure by Letters Patent:

1. A fishing float having spring-actuated mechanism adapted to be set or sprung and having an indicator, means for holding said
30 indicator erect when the fishing float remains set, a second indicator, means for holding said second indicator erect when said float is sprung, and means for holding said first indicator erect after said mechanism is sprung.

2. A fishing float having a releasable spring-actuated member having a fishing line attached thereto, a pivoted blade constituting an indicator, means for holding said
40 blade erect, means for holding said spring-actuated member depressed when set, and means for holding said spring-actuated member erect when released, whereby said spring-actuated member also constitutes an

indicator showing the condition of the float. 45

3. A fishing float having a body, a depressible spring-controlled member mounted thereupon, an indicator consisting of a blade, mechanism cooperating with said blade for
50 setting said blade in an erect position and said member in a depressed position, a fishing line connected with said mechanism and affording means for releasing said member, and means for holding said member in an
55 erect position when released.

4. A fishing float having a body, a blade pivotally mounted on said body, a trigger bar attached thereto, a second blade attached to said body opposite said first blade
60 and adapted to be depressed upon said body with its free end lying near said trigger bar, a trigger attached to said body and affording means for holding said trigger bar across the free end of said second blade, and a line at-
65 tached to said second blade and guided upon said trigger.

5. A fishing float having a body adapted to rest upon the water, an indicator blade hinged to the upper side of said body, a
70 spring pressed member attached to said body, opposite said blade, and adapted to fold down upon said body with the free end thereof disposed near the attached end of said blade, a locking mechanism for holding
75 said member depressed and said blade erect, said body having an opening near said mechanism, and a cord passing up through said opening attached to said member and affording means for releasing said locking
80 mechanism.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MILES E. LOEHR.

Witnesses:

CHARLES H. ELDER,
CHARLES H. COX.