

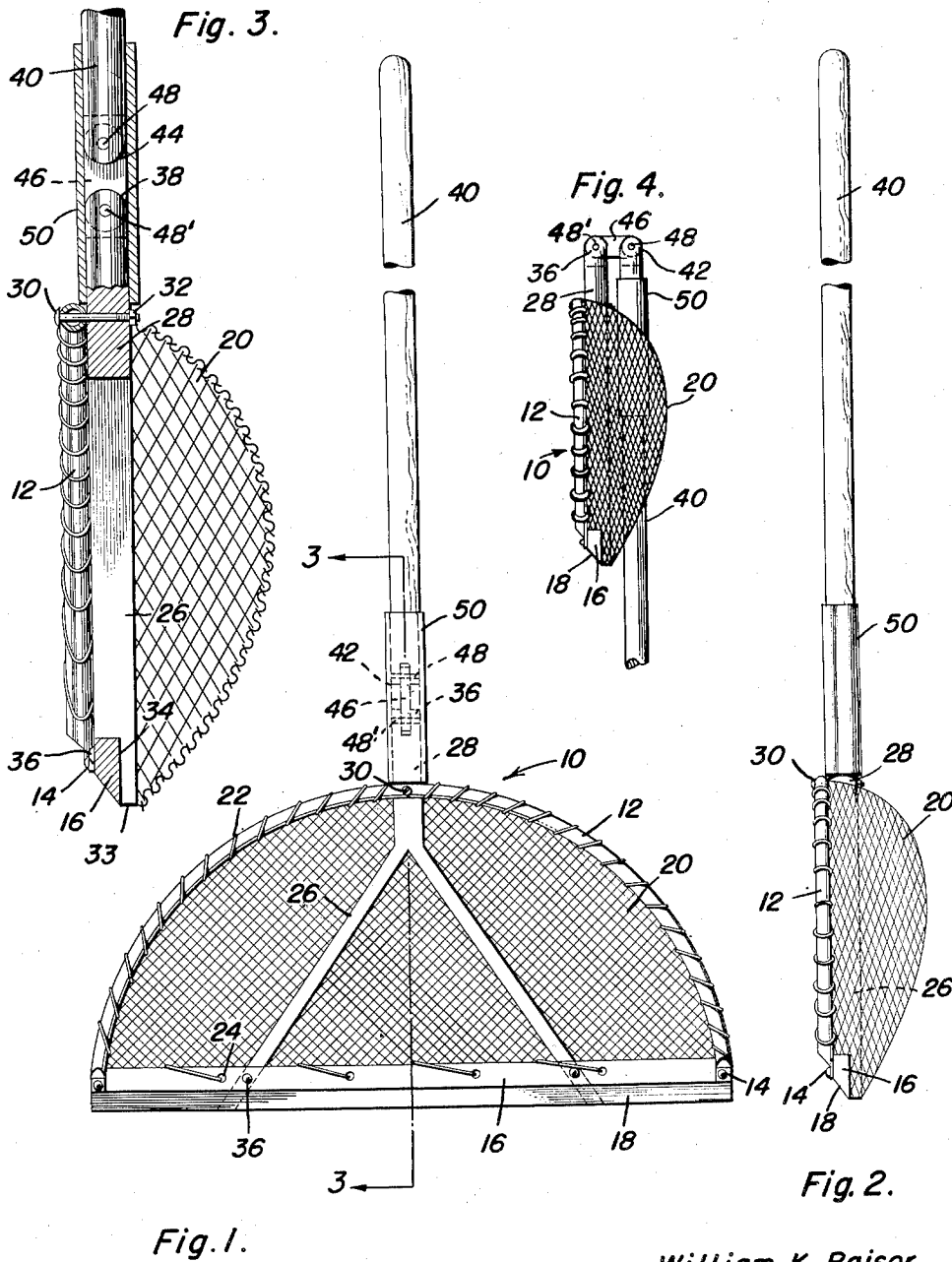
Jan. 29, 1952

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2,583,987

COLLAPSIBLE MINNOW NET

Filed Sept. 8, 1949



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UNITED STATES PATENT OFFICE

2,583,987

COLLAPSIBLE MINNOW NET

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Application September 8, 1949, Serial No. 114,525

1 Claim. (Cl. 43-12)

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This invention relates to a net for catching minnows and has for its primary object the provision of a lightweight, durable net construction which is collapsible so that the same can occupy a relatively small space when not in use.

Another important object of this invention is to provide a collapsible minnow net which is fabricated of lightweight, corrosion-resistant metals, which is relatively simple in design and construction and consequently inexpensive to manufacture in large quantities, and which can be handled by one person to effectively catch minnows.

A further object of this invention is to provide a collapsible minnow net comprising a frame member, a net suspended on said frame, a brace member secured to said frame and having a portion extending beyond said frame, an elongated handle, means for pivotally securing one end of said handle to said portion of said brace member, and means for securing the handle against pivotal movement on said brace member.

These, together with various ancillary objects and features of the invention which will later become apparent as the following description proceeds, are attained by the device, a preferred embodiment of which has been illustrated, by way of example only, in the accompanying drawings, wherein:

Figure 1 is a top plan view of the device;

Figure 2 is a side elevational view of the device;

Figure 3 is a sectional view taken substantially on the plane of section line 3-3 of Figure 1.

Figure 4 is a side elevational view of the device, showing the handle in folded position.

Specific reference will now be made to the drawings. In the several views, in the accompanying drawings and in the following specification, similar reference characters indicate corresponding elements throughout.

The present invention includes a frame 10 which consists of an arcuate member 12, preferably fabricated of aluminum tubing, to the ends of which is secured, by means of copper rivets 14, a transversely extending aluminum bar 16 having a beveled edge 18. The beveled edge permits the frame to be employed as a shovel, and while the frame is shown as semi-circular in the drawings, it should be understood that any desired shape may be employed with advantage. The net 20 is suspended or retained upon the tubular frame by being laced thereabout with sail twine, as at 22, the sail twine also extending through suitable apertures 24 in the front or transverse bar 16.

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A Y-shaped member 26, preferably fabricated of aluminum or copper, includes an arm portion 28 which is retained upon the arcuate frame 12 substantially at the center thereof by means of a headed brass bolt 30, threaded at one end to receive a closure nut 32. The free end portions 33 of the legs of the Y-shaped member 26 include recesses 34 for receiving the transverse aluminum bar 16, said free end portions 33 being attached to said transverse bar by means of appropriate copper rivets 36. As will be readily seen from the drawings, the arm 28 extends beyond the arcuate frame 12.

The free end of the arm 28 is bifurcated, as at 36, the furcations having rounded edges, as indicated at 38. An elongated wooden or metal handle 40 is provided which is also bifurcated at one of its ends, as at 42, the furcations thereof being also rounded, as at 44. Received in the bifurcated ends 36 and 42 between the furcations is a link 46 and extending through the furcations 42 and 36 and the ends of the link 46 are metallic pivot pins 48 and 48'. Thus, it will be seen that the handle is pivotal on one end of the link, while the arm 28 is pivotal on the other end of the link.

Slidably received upon the handle 40 and the arm 28 is an aluminum sleeve 50 which, when moved down on the handle to assume the position shown in Figures 1, 2 and 3, will embrace the bifurcated portions 36 and 42 of the arm and handle respectively, as well as the link 46 and the pivot pins 48 and 48', to fixedly secure the handle against pivotal rotation relative to the frame.

In practical operation, when the net is to be used for catching minnows, the aluminum sleeve 50 is slid down the handle 40 to assume the position shown in Figures 1, 2 and 3, the handle being thereby rendered rigid on the frame. After the net has been used, the sleeve 50 may be slid toward the free end of the handle so that the handle may be pivoted on one end of the link 46 and then the link may be pivoted on the arm 28 so that the handle will extend across the frame and net, as shown in Figure 4 of the drawing. The link 46 functions to permit the handle to be positioned flat against and across the net and frame when in a collapsed or folded position.

In view of the foregoing description taken in conjunction with the accompanying drawings, it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention, the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and within the scope of the appended claim. Thus, for example, the present collapsible minnow net may be fabricated of any suitable material such as metal, wood, plastic, and the like.

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

A collapsible minnow net comprising a frame member including an arcuate bar and a transverse bar terminally secured to the free ends of said arcuate bar, a net suspended upon said frame member, a Y-shaped brace having divergent legs terminally secured to said transverse bar and an arm secured to said arcuate bar and including a bifurcated portion extending beyond said arcuate bar, an elongated handle having a bifurcated portion at one of its ends, means pivotally securing said handle to said arm and in-

cluding a link received between the furcations of said handle and said extending portion of said arm and pivot pins extending through the ends of said link and said furcations, and means for securing said handle against pivotal movement on said arm, said last means including a sleeve slidable on said handle and adapted to embrace said link and said pivot pins.

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The following references are of record in the file of this patent:

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