J. MULARZ.

INDICATING BUOY.

APPLICATION FILED FEB. 26, 1918.

1,273,522. Patented July 23, 1918.

FIG. 1.

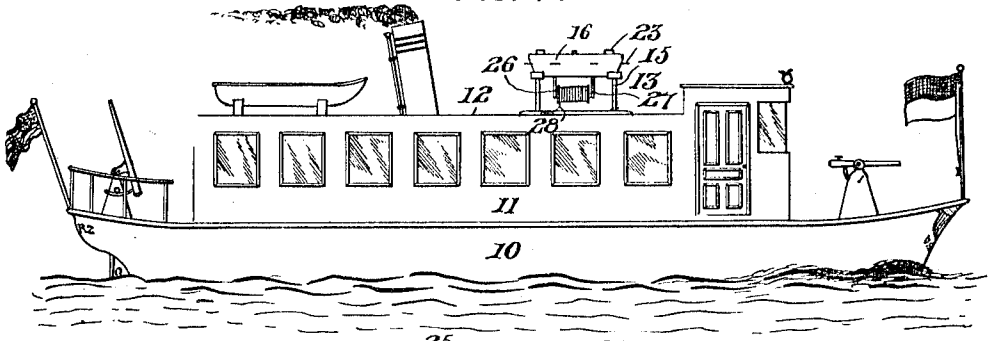


FIG. 2.

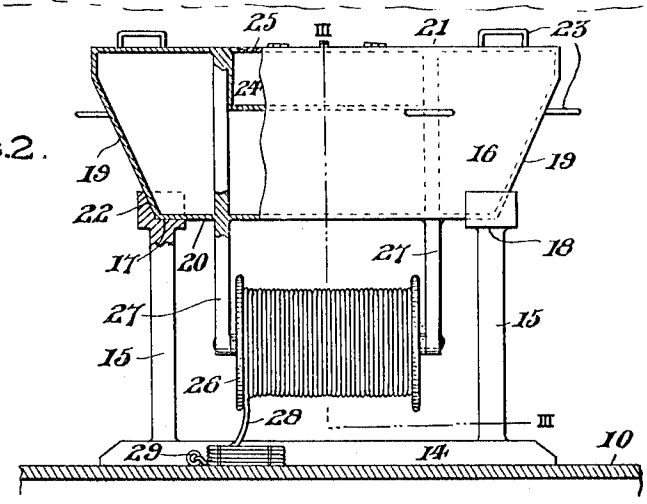
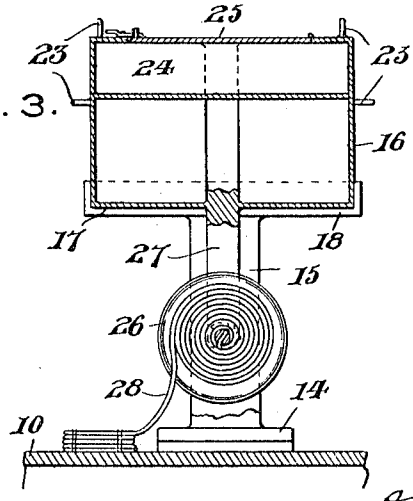


FIG. 3.



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JOSEPH MULARZ, OF MIDLAND, MICHIGAN, ASSIGNOR OF ONE-THIRD TO I. SOLOSKY, OF MIDLAND, MICHIGAN.

INDICATING-BUOY.

1,273,522. Specification of Letters Patent. Patented July 23, 1918.

Application filed February 26, 1918. Serial No. 219,224.

To all whom it may concern:

Be it known that I, JOSEPH MULARZ, a subject of the Emperor of Austria, residing at Midland, in the county of Midland and State of Michigan, have invented certain new and useful Improvements in Indicating-Buoys, of which the following is a specification.

This invention relates to certain new and useful improvements in indicating buoys.

The primary object of the invention is the provision of a ready means for indicating the position of a sunken life boat or vessel whereby the owner may have the same raised if desired.

A further object of the device is the provision of a means normally carried by a boat and adapted for attachment thereto positioned upon the surface of the water in the event of a sinking of the boat whereby its position is apparent.

It is also designed to provide an indicating float serviceable as a life raft and readily cleared from the boat by floating upon the water.

With these general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangements of parts hereinafter fully described, illustrated in the accompanying drawing and pointed out in the appended claims.

In the drawing forming a part of this application and in which like numerals refer to corresponding parts throughout the several views:

Figure 1 is a side elevation of a boat provided with the present device.

Fig. 2 is an elevational view of the device partially broken away, and,

Fig. 3 is an enlarged sectional view thereof taken upon line III—III of Fig. 2.

Referring more in detail to the drawing a boat 10 is illustrated having a cabin 11 and a deck 12, the present device 13 being illustrated positioned upon the deck.

A base plate 14 being secured to the deck 12 arranged with opposite T-shaped standards 15 thereon, a float or buoy 16 substantially rectangular in cross-section is normally seated within longitudinal sockets 17 of the cross heads 18 of the said standards. The opposite ends 19 of the float 16 are downwardly converged rendering the bottom 20 of the float of lesser dimensions than the top 21 thereof while the outer faces 22 of the sockets 17 are of similar inclination permitting the float 16 to more readily clear the mounting standards 15 upon the sinking of the ship than would be the case if the squared corners were provided at the lower end of the float.

The float 16 is provided with a plurality of handles 23 and has a food receiving compartment 24 centrally arranged in the upper portion thereof accessible by means of a central lid 25 in the top of the float.

A reel 26 depends from the bottom 20 of the float 16 being journaled upon brackets 27 carried thereby while a line 28 normally fills the reel 26 with a portion thereof suitably coiled upon the deck 12 if desired and with the free end of the line secured to the deck as at 29.

The operation of the device will be at once apparent from this detail description thereof, it being evident that upon the sinking of the boat 10, the float 16 will remain upon the surface of the water, it being noted that the float is air tight and preferably formed of metal while the downward movement of the boat will unwind the line 28 for permitting the exact location of the boat 10 to be determined when the float 16 is found by the owner of the boat. The occupants of the boat 10 moreover may be saved from drowning by utilizing the float 16 as a life raft, the handles 23 being arranged for grasping while the provisions within the chamber 24 may be removed by opening the lid 25. The present construction of float is arranged for readily clearing itself from the boat upon the sinking of the latter and thereby insuring the successful operation of the device.

What I claim as new is:—

1. A combined indicating float and life raft comprising opposite standards securable to the deck of a boat and having cross pieces formed with inwardly opening sockets, said sockets being provided with upwardly and outwardly diverging inner sides, a float having downwardly converging ends normally seated within said sockets with said ends freely contacting said inner sides of the sockets, and a flexible connector between the float and the deck of the boat.

2. A combined indicating float and life raft comprising opposite standards securable to the deck of a boat and having cross

pieces formed with inwardly opening sockets provided with upwardly and outwardly diverging inner sides, a float having downwardly converging ends normally seated within said sockets with said ends freely contacting said inner sides of the sockets, a pair of spaced depending bracket arms carried by the bottom of said float, a reel rotatably supported by the lower ends of said bracket arms, and a line normally wound upon said reel with its free end attached to the deck of the boat.

In testimony whereof I affix my signature.

JOSEPH MULARZ.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."