J. LEHOSKY.

LIFE SAVING BOAT.

APPLICATION FILED DEC. 4, 1917.

1,298,360.

Patented Mar. 25, 1919.

2 SHEETS—SHEET 1.

Fig. 1.

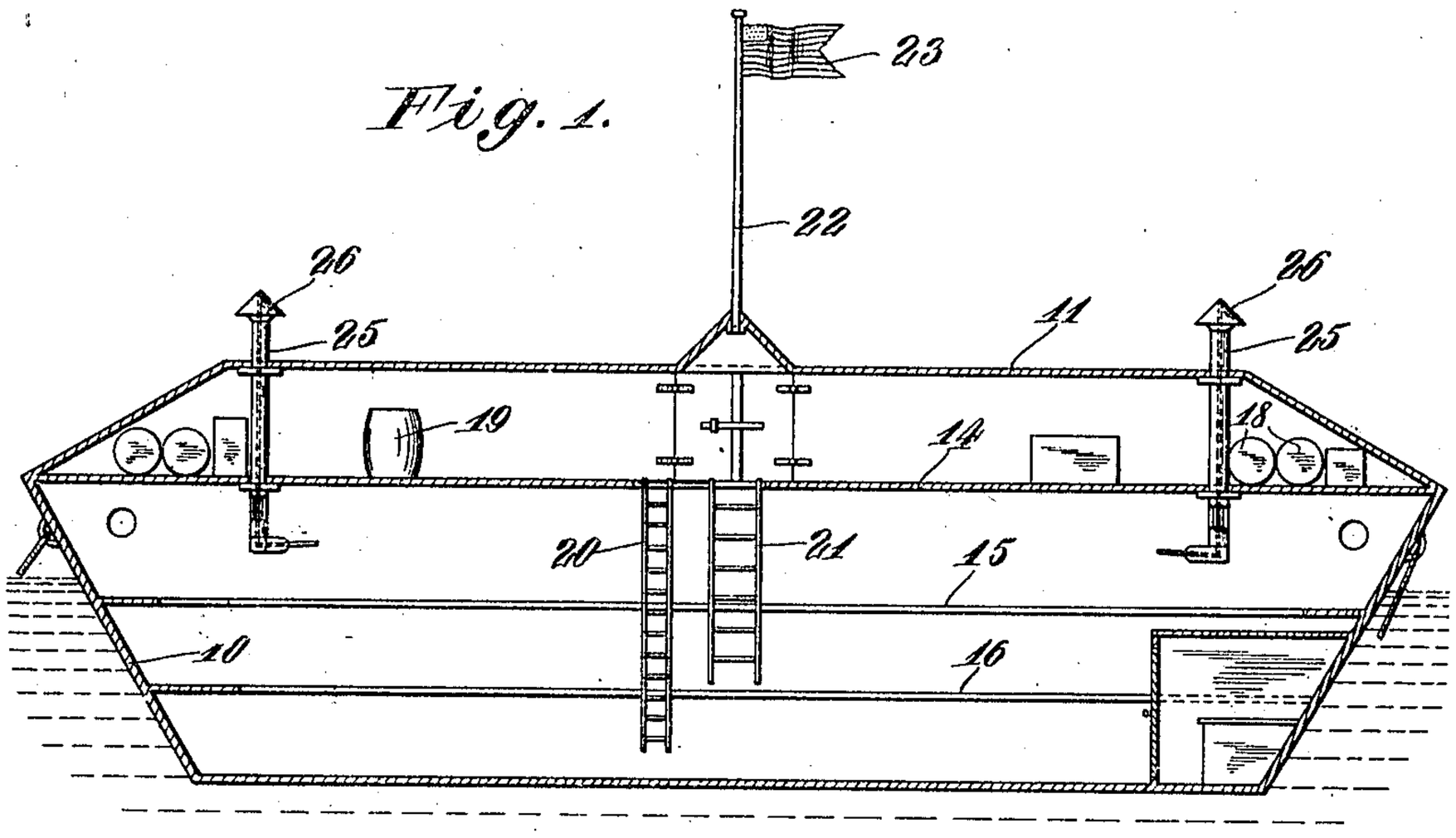
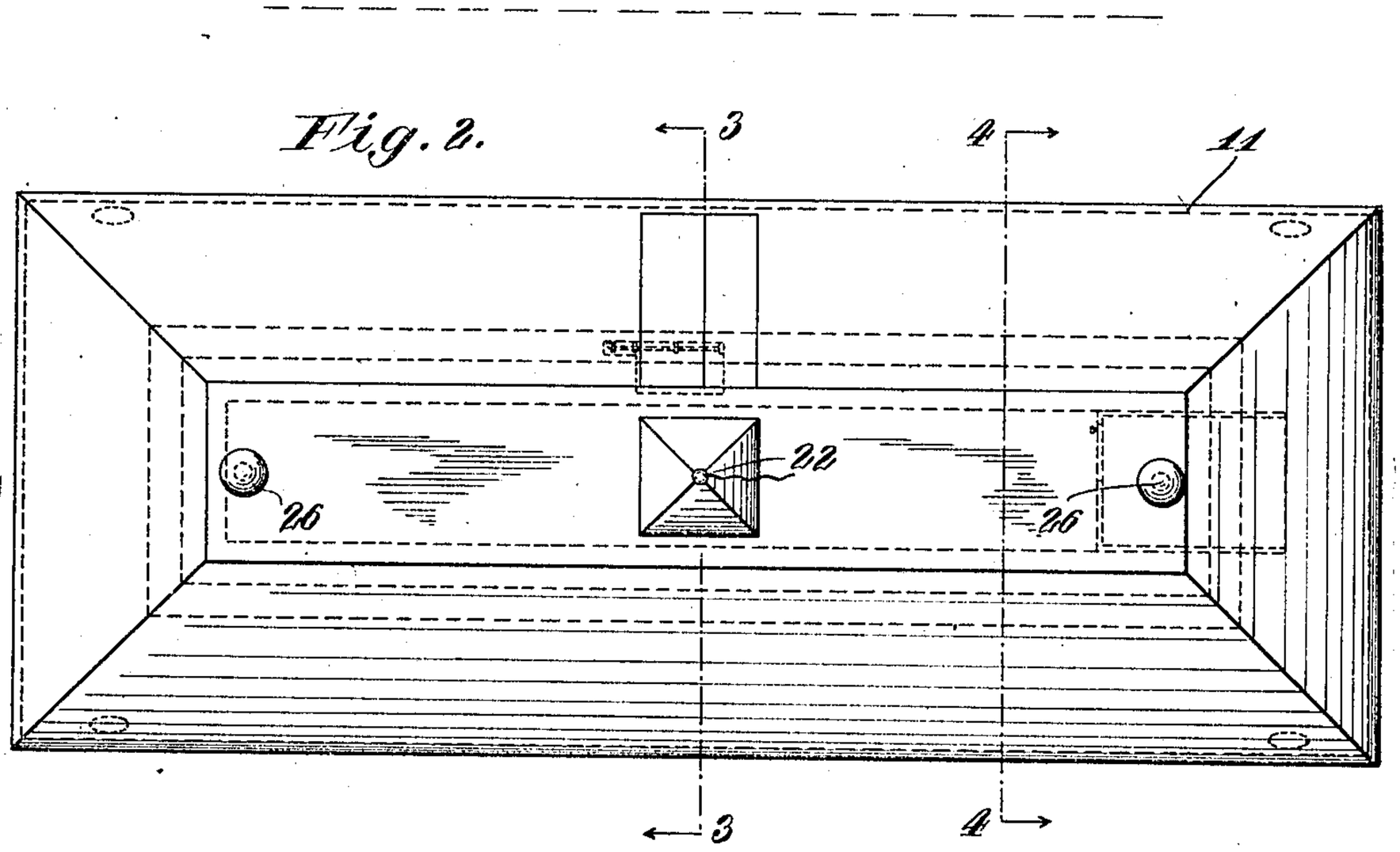
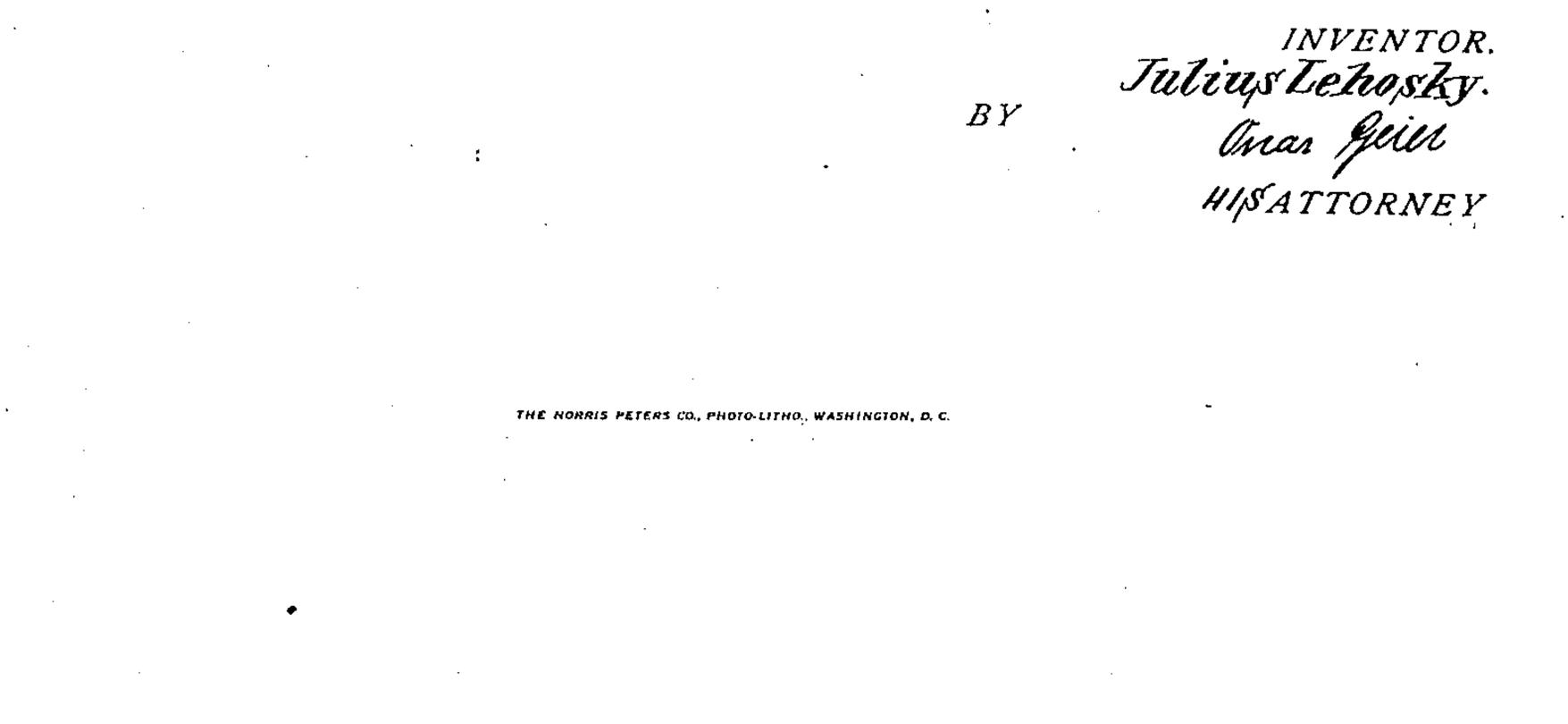


Fig. 2.





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2 SHEETS—SHEET 2.

Fig. 3.

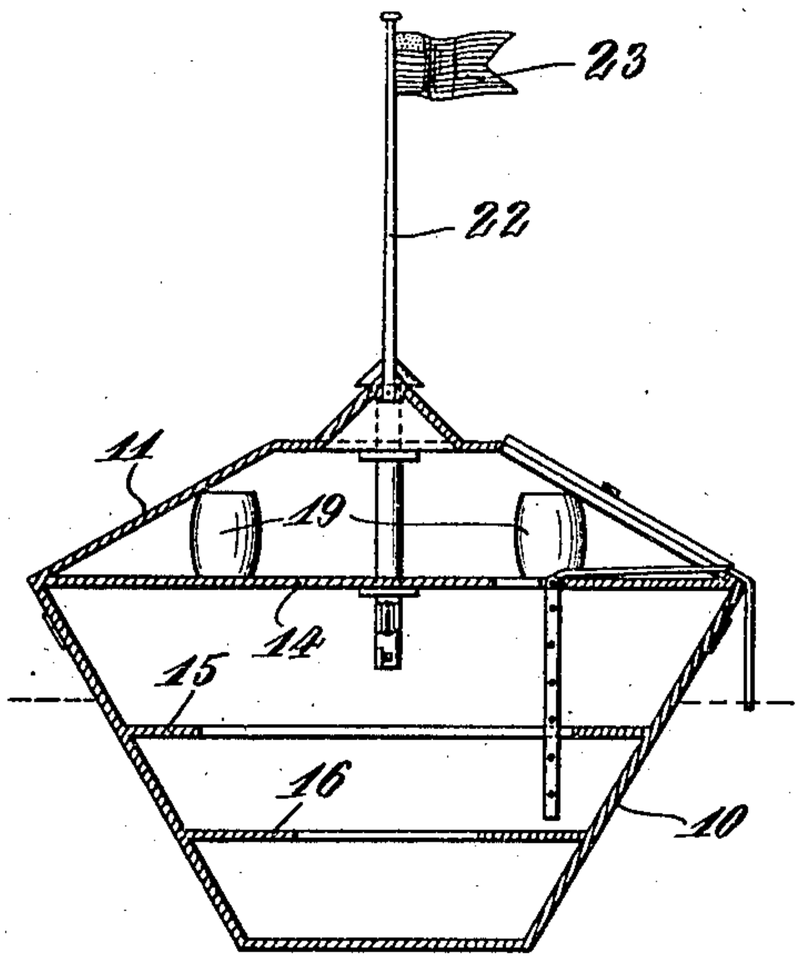


Fig. 4.

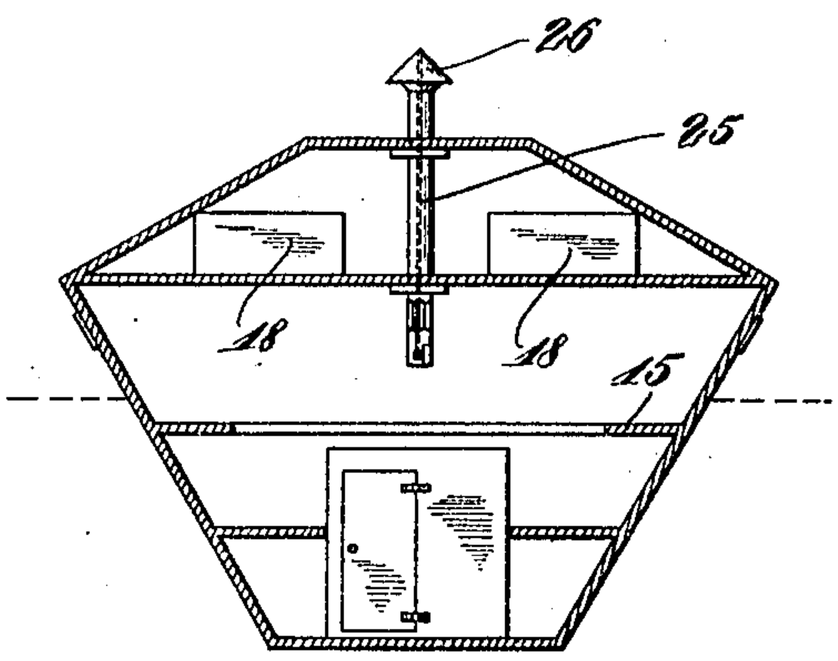


Fig. 5.

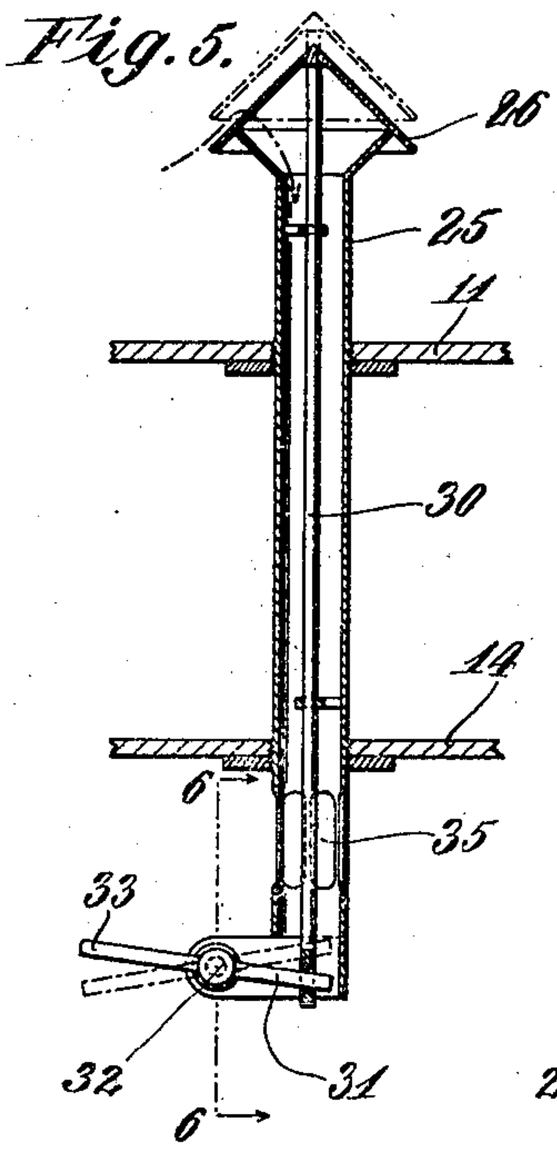


Fig. 7.

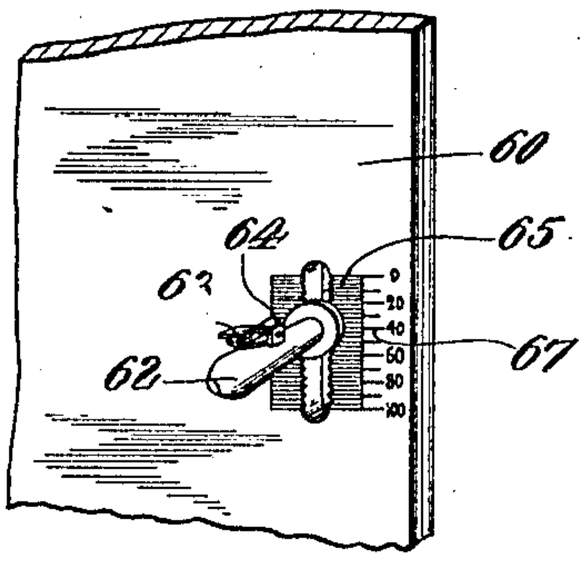


Fig. 8.

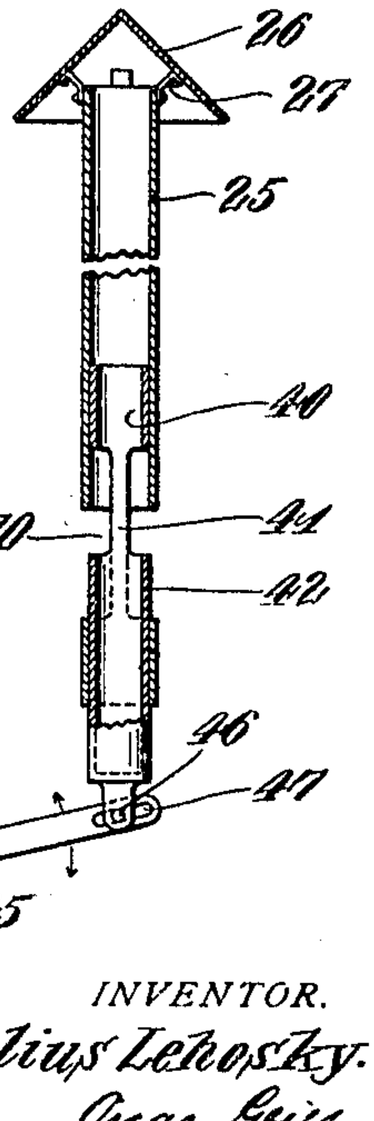
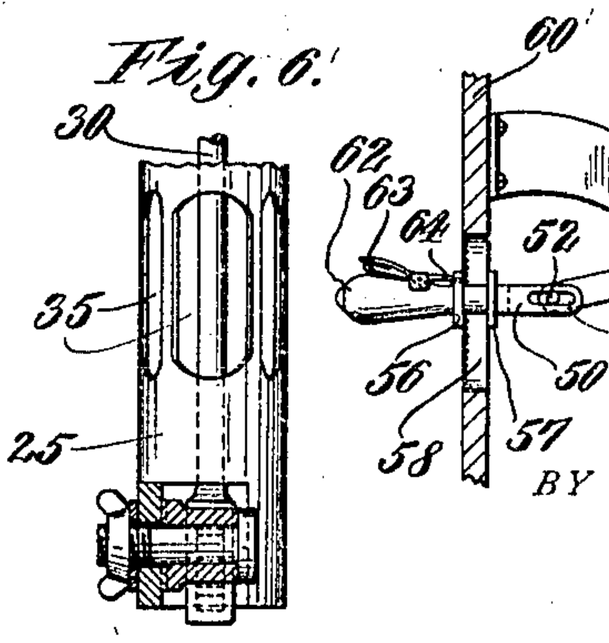


Fig. 6.



INVENTOR.

Julius Lehosky.

Oscar Gaier

HIS ATTORNEY

UNITED STATES PATENT OFFICE.

JULIUS LEHOSKY, OF GLENFIELD, NEW JERSEY.

LIFE-SAVING BOAT.

1,298,360. Specification of Letters Patent. Patented Mar. 25, 1919.

Application filed December 4, 1917. Serial No. 205,343.

To all whom it may concern:

Be it known that I, JULIUS LEHOSKY, a subject of the King of Hungary, resident of Glenfield, county of Bergen, and State of New Jersey, have invented certain new and useful Improvements in Life-Saving Boats, of which the following is a specification.

This invention relates to improvements in life boats having as its principal object to provide a boat which is non-sinkable, irrespective of waves, wind and water.

Another object is to provide the interior of the boat with such quantity of air as is necessary for the proper ventilation and circulation, and finally to provide a boat of the class described, which is inexpensive to construct and durable in its nature.

These and other like objects are obtained by the novel construction and combination of parts hereinafter described and shown in the accompanying drawings, forming a material part of this specification, and in which—

Figure 1 is a longitudinal sectional view of a boat made in accordance with the device, the section being taken through the center line of the same.

Fig. 2 is a top plan view of the same.

Fig. 3 is a transverse sectional view taken on line 3—3 of Fig. 2.

Fig. 4 is a similar transverse sectional view taken on line 4—4 of Fig. 2.

Fig. 5 is an enlarged vertical sectional view taken through one of the air inlets.

Fig. 6 is an enlarged sectional view taken on line 6—6 of Fig. 5.

Fig. 7 is a fragmental perspective view showing the arrangement of the air controlling lever, and

Fig. 8 is a vertical sectional view taken through the center of a modified form of air inlet column.

In the drawing the numeral 10 indicates the hull of the boat which is provided with a water-tight covering 11 and contains a plurality of decks respectively 14, 15 and 16, extending longitudinally of the boat, the center compartment above the deck 15 being adapted to receive passengers and the upper compartment above the deck 14, used as a storage for food and water as indicated by the packages 18 and water barrels 19.

All of the several decks are accessible by the ladders 20 and 21, arranged at the center of the boat. Secured on the top of the cover 11, is a staff or mast 22, from which a signal 23 may be disposed, while at the ends are raised hollow columns 25, covered by conical heads 26 which are opened at their base and secured to support rods 30 so that the heads may be raised or lowered relative to the columns 25, the rods being actuated by a lever 31 pivoted at its central point 32, and having extending actuating handles 33, by means of which the rods 30 may be operated, thereby allowing air to enter the center compartment above the deck 15, through openings 35, thus permitting air to enter the interior of the boat.

As an alternative means for controlling the inlet of air, the arrangement indicated in Figs. 7 and 8 is used, in which the conical head 26 is secured by brackets 27 to the support 25, within which is a slidable tubular element 40—42 connected by the reduced portions 41, and pivotally engaged at its lower end to a lever 45, through the pin 46 operating in a slot 47, the lever being pivoted in a bracket 48, secured to any convenient part of the interior of the boat, and having engaged at its free end a movable element 50, having a slot 51 engaging with a pin 52 connecting in the end of the lever 45, washers 56 and 57 being disposed upon opposite sides of the slot 58 formed in the support 60 while the extending end of the element 50 is formed into an operating handle 62, by means of which the lever 45 is operated and to which is secured a detent lever 63, the operative end 64 of which is engaged with any of the corrugations or tooth like raised projections 65 formed upon the surface of the plate 60 contiguous to the ends of which is a graduated scale 67, so that the openings 70 formed within the support 25 may be adjusted to suit.

From the foregoing it may be seen that a boat of the life-saving type is provided with openings wherein air may be admitted and that means are also provided whereby the amount of air entering can be adjusted as required.

Having thus described my invention what I desire to secure by Letters Patent, is.—

1. In a life-boat of the character described, the combination of a hollow column, constituting an air-inlet for said boat, of a conical head on top of said column, brackets securing said head to said column, a plunger within said column for controlling the air

supply through the same, and means for determinating the quantity of air to be supplied.

2. In a life-boat of the character described, the combination of a hollow column, constituting an air-inlet for said boat, of a conical head on top of said column, brackets securing said head to said column, a plunger within said column having a reduced central portion controlling the air supplied through said column, a lever secured by a pin and slot connection to the lower end of said plunger, a bracket to which said lever is pivoted intermediate its ends, a slotted support, a movable element secured by a pin and slot connection to the free end of said lever and passed through the slot in said support, a handle on said element, washers on said element at both sides of said support, said support having its front face corrugated, a detent lever on said handle adapted to engage with its free end the corrugations of said support, and a graduated scale near the corrugated part of said support and said handle, substantially as described and for the purpose set forth.

In testimony whereof I have affixed my signature.

JULIUS LEHOSKY.