Feb. 2, 1932. C. P. HULST 1,843,874

SCREEN

Filed May 8, 1931

FIG. 1.

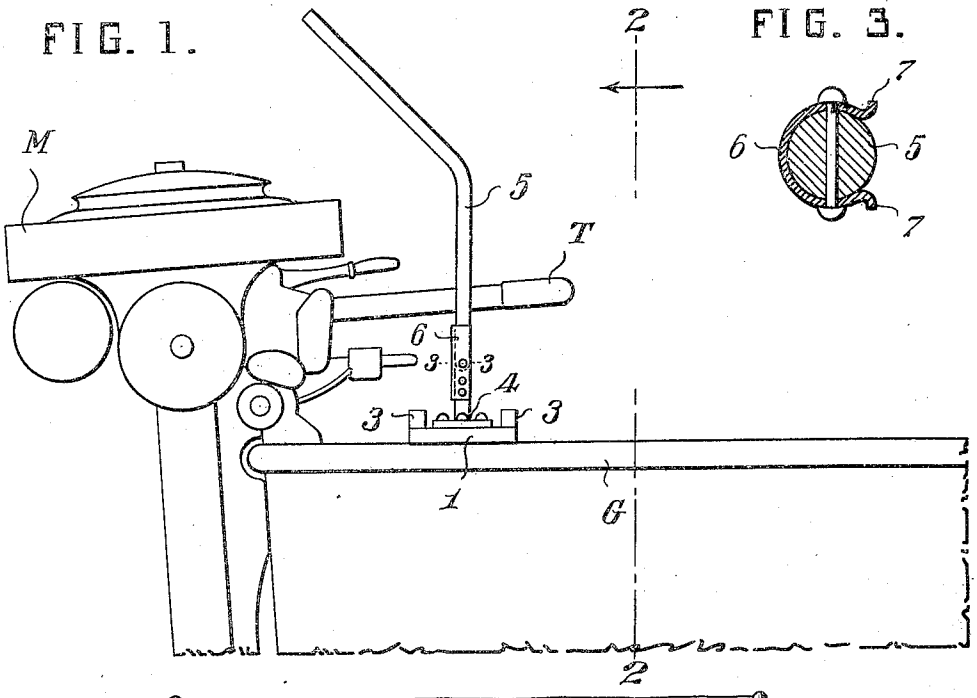
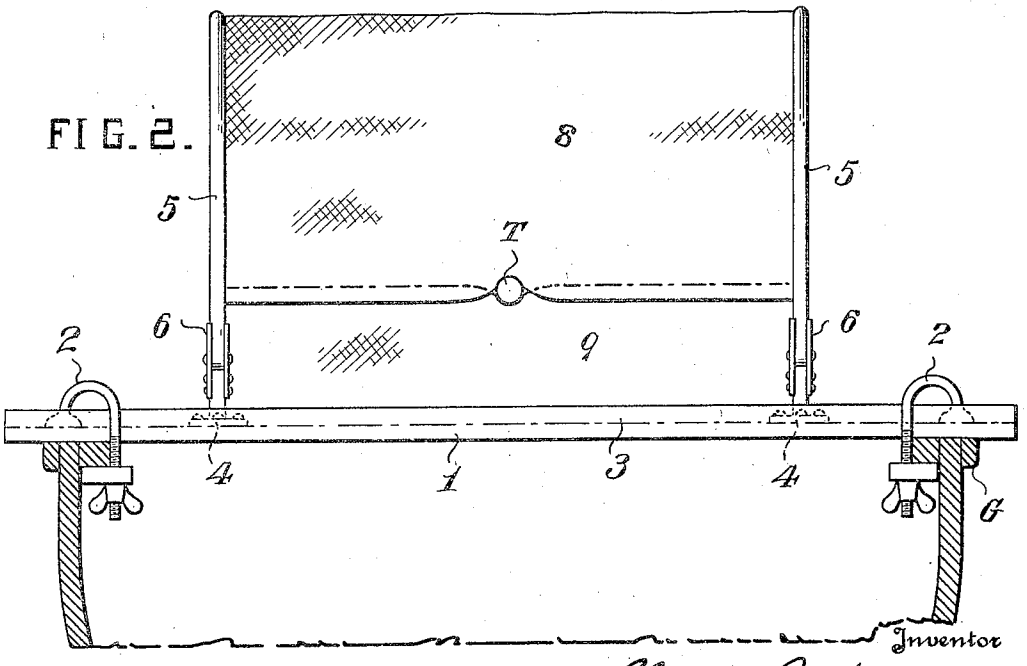


FIG. 3.

FIG. 2.



Inventor

Clarence P. Hulst

By Ogle R. Singleton

Attorney

Patented Feb. 2, 1932 1,843,874

UNITED STATES PATENT OFFICE

CLARENCE P. HULST, OF TALBOT COUNTY, MARYLAND

SCREEN

Application filed May 8, 1931. Serial No. 536,015.

My invention consists in a new and useful improvement in screens and is designed to provide a device to protect motors of small boats, and more particularly that type known as "outboard" from spray, rain or other moisture, which would militate against the efficient operation of the motor.

The particularly novel and useful feature of my device is the means I provide for removably mounting the screen in juxtaposition with the motor and also the means to render the screen movable relative to the motor, to facilitate the manipulation of the motor.

It is to be noted that my device is constructed of a very inconsiderable number of parts, all of which are of standard construction, thus reducing the cost of materials and construction to a very great degree.

While I have illustrated in the drawings and have hereinafter fully described one specific embodiment of my invention, it is to be distinctly understood that I do not consider my invention limited to said specific embodiment, but refer for its scope to the claims appended hereto.

In the drawings:

Figure 1 is a side elevation of my device.

Figure 2 is a section on line 2—2 of Fig. 1.

Figure 3 is a section on the line 3—3 Fig. 1.

As illustrated in the drawings; my device has a base 1 of suitable size and shape to extend athwartship and be removably attached to the gunwale G, by suitable clamps 2. This base has edge cleats 3. Suitably mounted on the base 1, there are two deck post sockets 4 to each of which is hinged a rod 5. I provide a sleeve 6 on each socket 4 so designed and disposed as to prevent the rod 5 from swinging rearwardly but having a throat to permit the rod to swing downwardly and forwardly. It is to be noted that the edges 7 of this throat are so disposed that the rod 5 is sprung therebetween to prevent accidental displacement of the rod.

Each rod 5 extends upwardly from its socket 4 to about the height of the top of the motor M and is then bent rearwardly at an angle of about 45° to a point somewhat over the top of the motor M.

On these rods 5 I mount a sheet 8 of canvas, cloth or other flexible material which extends downwardly on the rods 5 to a point where the tiller T of the motor M passes between the rods 5. I provide a second sheet 9 similar to the sheet 8 between the rods 5 and extending from slightly above the lower edge of the sheet 8 to the base 1. It is thus obvious that the tiller T extends through my screen between the sheets 8 and 9 and can be readily moved to and fro in steering the boat. The rods 5 may be of such material that they may be slightly bent apart to keep the sheets 8 and 9 taut.

From the foregoing description of the details of construction of my device, its use will be obvious. When it is desired to use my device as a protection to the motor from spray, rain, etc., the base 1 may be attached to the gunwale G by the clamps 2 in a suitable position relative to the motor M. The rods 5 being swung forwardly, my device is thus moved away from the motor M to permit starting the motor. When the boat is under way, the rods 5 are erected and my device being in position affords adequate protection to the motor M, and when so positioned in no way interferes with the steering of the boat or the speed controls of the motor.

It is to be noted that by reason of the disposition of my device by mounting the base 1 on the gunwale G, ample opening is afforded under my device, for manipulating the controls of the motor. It is to be noted also that by reason of the fact that the rods 5 are swingable forwardly, should the motor M be swung forwardly by its submerged fin in shoal water, my device will readily adjust itself to such movement of the motor.

Having described my invention, what I claim is:

1. In a screen for outboard motors, the combination of a base adapted to be disposed upon the gunwale of the boat adjacent the motor; posts hingedly mounted on said base; and a pair of screen elements mounted on said posts and so disposed as to permit the tiller of the motor to extend therebetween.

2. In a screen for outboard motors, the com-

bination of a base adapted to be disposed upon the gunwale of the boat adjacent the motor; and a pair of screen elements mounted on said base and so disposed as to permit the tiller of the motor to extend therebetween.

3. In a boat screen, the combination of a base adapted to be disposed upon the gunwale of the boat; a screen element mounted on said base; and cleats on the sides of said base adapted to form drain gutters to convey drippings from the screen element over the side.

4. In a boat screen, the combination of a base adapted to be disposed upon the gunwale of the boat, post sockets mounted on said base; a post hingedly mounted in each socket; a screen element mounted on said posts; and cleats on the sides of said base adapted to form drain gutters to convey drippings from the screen element over the side.

5. In a boat screen, the combination of a base adapted to be attached to the boat; a screen element mounted on said base; and cleats on the side of said base adapted to form drain gutters to convey drippings from the screen element over the side.

6. In a boat screen, the combination of a base adapted to be attached to the boat; post sockets mounted on said base; a post hingedly mounted in each socket; a screen element mounted on said posts; and cleats on the sides of said base adapted to form drain gutters to convey drippings from the screen element over the side.

7. In a screen for outboard motors, the combination of a base disposed upon the boat adjacent the motor; posts hingedly mounted on said base; and a screen element mounted on said posts and so disposed as to permit the tiller of the motor to extend therethrough.

8. In a screen for outboard motors, the combination of a base disposed upon the boat adjacent the motor; and a screen element mounted on said base and so disposed as to permit the tiller of the motor to extend therethrough.

In testimony hereof I hereunto affix my signature.

CLARENCE P. HULST.