May 29, 1951 W. D. AMUNDSON 2,554,804

ANCHOR SUPPORT AND ROPE GUIDE

Filed Oct. 22, 1947

FIG. 1

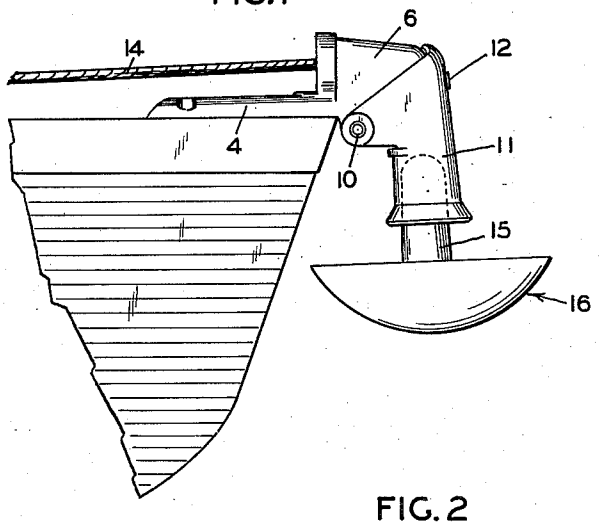


FIG. 2

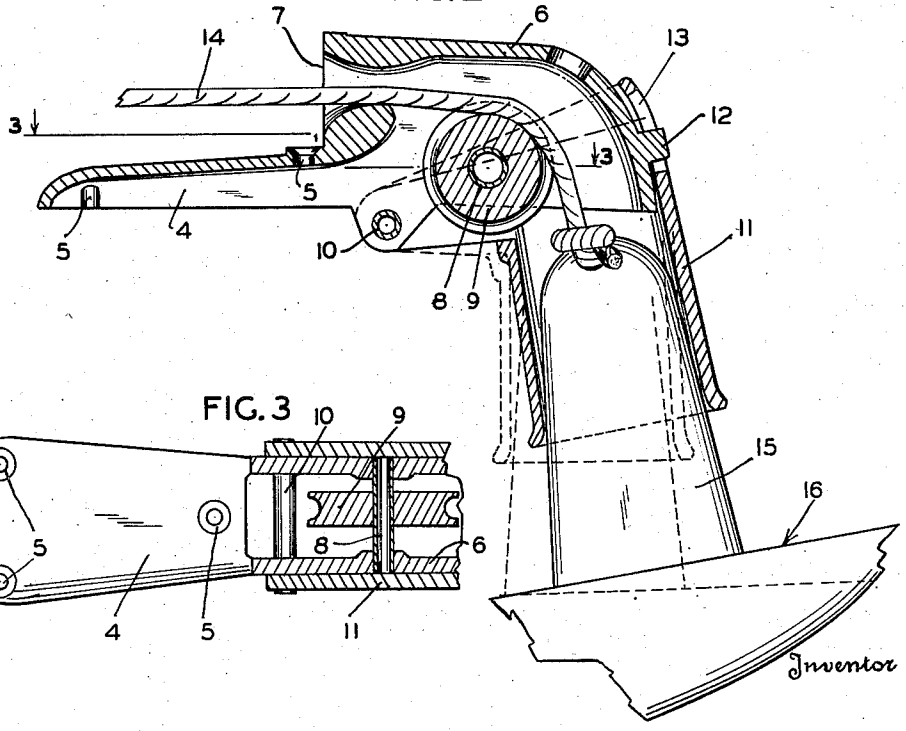


FIG. 3

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ANCHOR SUPPORT AND ROPE GUIDE

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3 Claims. (Cl. 114—210)

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This invention relates to an anchor support and rope guide for boats and is particularly adaptable for use on the bow of a relatively small boat.

It is an object of the invention to provide a device which serves as a guide for an anchor rope and which includes structure constituting an anchor receiver when the anchor is pulled up, wherein the anchor receiver is shiftable relative to the remainder of the structure to take up slack in the anchor rope and maintain the raised anchor in a relatively stationary condition.

The above and other objects and advantages of the invention will more fully appear from the following description made in connection with the accompanying drawing wherein like reference characters refer to the same parts throughout the views, and, in which:

Figure 1 is a side elevational view of the device shown mounted on the bow portion of a boat;

Figure 2 is an enlarged longitudinal vertical sectional view showing the anchor receiver in alternate positions, full and dotted lines; and

Figure 3 is a fragmentary sectional view taken approximately on the line 3—3 of Figure 2.

In the drawing there is shown a bracket 4 provided with anchoring screw holes 5 which permit it to be mounted upon the bow of a boat as indicated in Figure 1. Extending forwardly and upwardly from the forward portion of the bracket 4 is a housing 6 whose rear end is provided with an anchor rope eyelet 7. The forward portion of the housing 6 curves downwardly as shown in Figure 2 and is downwardly open as shown. The interior of the housing 6 is open and between its side walls is a bushing 8 which rotatably supports a grooved pulley 9.

The lower left-hand portion of the housing 6 as viewed in Figures 1 and 2 is provided with a bushing sleeve 10 upon which is mounted a bell-like casting 11 which constitutes an anchor receiver, the casting 11 being swingable about the bushing 10. The upper portion of said casting 11 lies about the downwardly curved portion of the housing 6 and is hollow with an open bottom so that rope fed through the opening 7 and the remainder of the housing 6 will pass downwardly through the casting 11.

The forward portion of the housing 6 is provided with a projecting lug 12 which is loosely

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received in a generally vertical slot 13 in the upper forward portion of the casting 11. Movement of the casting 11 about its pivot 10 is limited by the length of the slot 13 and engagement of the lug 12 with either end of the slot.

In Figure 2 there is shown an anchor rope 14 which is secured to the top of the shank 15 of a mushroom anchor indicated generally at 16.

When installed on a boat the user can raise the anchor by pulling on the rope 14 which lies over the pulley 9 and extends rearwardly through the opening 7 in the rear of the housing 6. When the anchor is fully raised its upwardly shank 15 will enter the open ended hollow casing 11. Tension on the rope 14 will cause the housing 11 to swing forwardly and upwardly to approximately the full line position of Figure 2. The rope is then tied or secured by any suitable type of fastening means. Very frequently when the rope is secured it will slack off slightly, thereby permitting the anchor to drop to a small degree. Ordinarily this will permit the anchor to swing freely and damage the bow portion of the boat. With my device, however, if the anchor rope slacks off and the anchor moves downwardly a little, the casting 11 will swing downwardly about its pivot sleeve 10 and remain in relatively closely fitting relationship to the anchor shank 15. The casting 11 will therefore hold the shank so that it will not swing laterally or rearwardly and it cannot come into contact with the bow of the boat.

In addition to the fact that the anchor is held stationary so that it will not strike against the boat, it should be noted that holding the anchor stationary assists in rowing the boat. If a fairly heavy anchor is permitted to swing laterally freely on the bow of a boat it substantially interferes with smooth rowing and maintenance of proper direction.

It will of course be understood that various changes may be made in the form, details, arrangement and proportions of the various parts without departing from the scope of my invention.

What I claim is:

1. An anchor support comprising a relatively stationary bracket, an anchor receiver swingably mounted on said bracket on a horizontal transverse axis, and rope guiding means carried by said bracket.

2. An anchor support and rope guide comprising a relatively stationary bracket, an anchor receiver swingably mounted on said bracket for swinging movement on a horizontal transverse axis, an anchor receiving socket formed in the lower portion of said anchor receiver, and a pulley journalled on said bracket for rotation on an axis disposed in outwardly spaced relation to the pivotal axis of said anchor receiver.

3. An anchor support and rope guide for boats comprising a relatively stationary bracket, a rope guide mounted on said bracket, an anchor receiver pivotally mounted at its upper portion on said bracket for swinging movement on a transverse horizontal axis disposed rearwardly from said rope guiding means, and having a depending anchor receiving socket formed in the lower portion thereof.

WILLIAM D. AMUNDSON.

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