

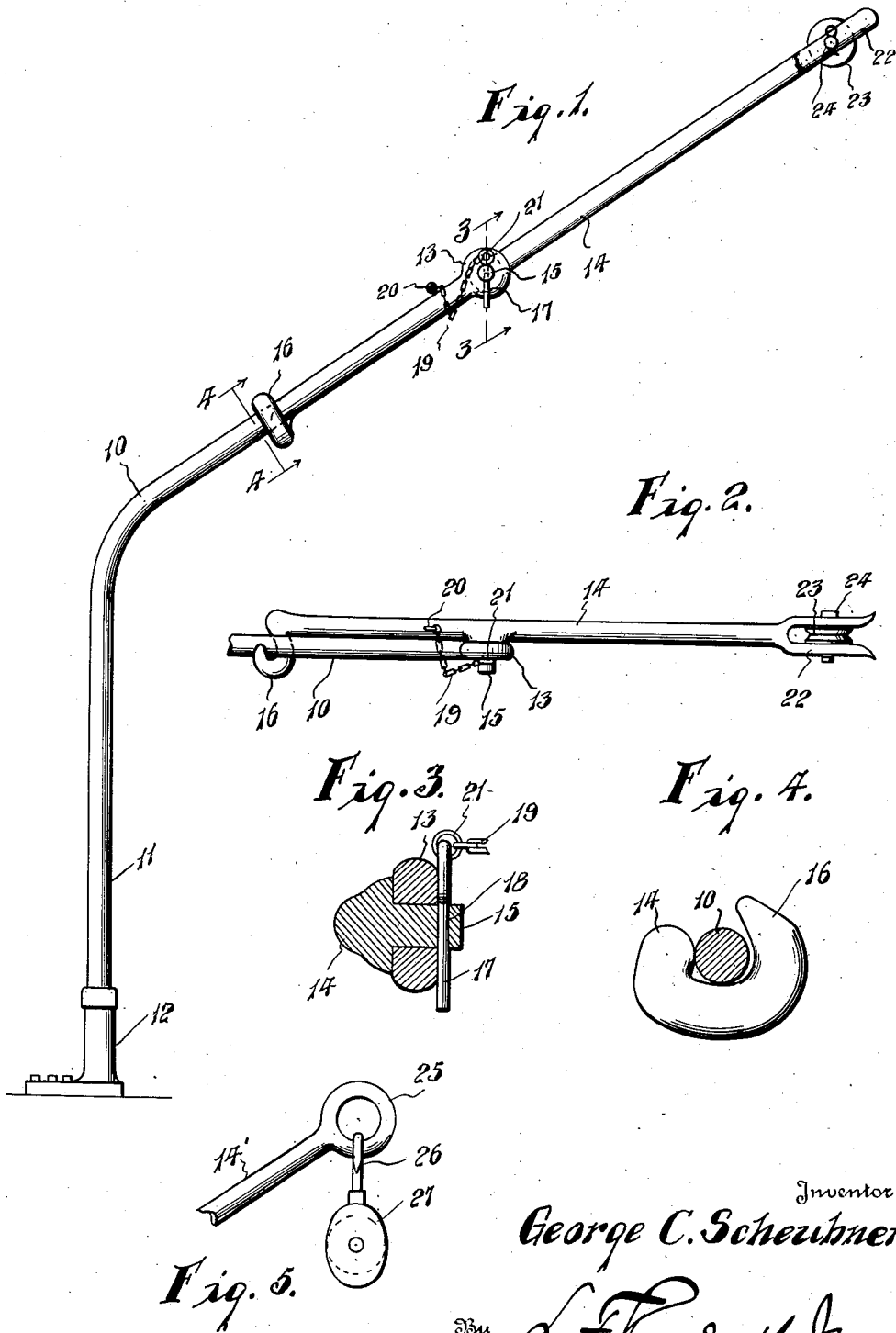
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PORTABLE EXTENSION FOR DAVITS

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PORTABLE EXTENSION FOR DAVITS

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3 Claims. (Cl. 9—22)

The invention relates to davits used on ship-board for handling the anchor and small boats to and from the sea, being adapted for use on power and sail boats, barges and the like, as well as on docks and piers.

The davits that are at present in use, particularly on yachts, are ordinarily too short to keep the small boats or anchor or other object that is being handled to and from the boats far enough from the side thereof to prevent striking the side of the vessel, especially in a rough sea, and therefore much damage is oftentimes occasioned.

The principal object of my invention is the provision of an extension for the free end of the davit, that may be secured thereto and movable therewith, so as to extend a rope or chain handling the object to and from the vessel further from the side thereof to obviate the disadvantages heretofore referred to regarding the davits now in use.

The invention will be described in detail hereinafter and will be found illustrated in the accompanying drawing, in which

Figure 1 is a view in elevation of a davit showing the improved extension applied thereto,

Figure 2 is a top plan view of the extension as applied to the end fragment of the davit.

Figure 3 is a transverse sectional view on an enlarged scale, on a plane indicated by line 3—3 of Figure 1,

Figure 4 is a similar view on a plane indicated by line 4—4 of Figure 1, and

Figure 5 is a fragmentary view showing a modified form of the grappling end of the extension.

In the drawing similar reference characters will be used to designate corresponding parts in all of the views.

The invention is shown in the drawing as applied to a davit 10 that has its mast 11 pivotally arranged for rotation on its axis, and in the drawing a socket member 12 is provided for this purpose to be secured to the boat's deck, the construction selected for illustration being for that purpose only and not to in any wise limit the application of the extension to be hereinafter described, to the particular davit shown.

The free end of the davit 10 is provided with an eye 13 that is usually used to receive a hook on a pulley block employed in raising and lowering boats and other objects to and from the vessel.

The invention contemplates the provision of an

extension for the davit, comprising a spar 14, having a laterally projecting pin 15 to engage in the eye 13, said pin being intermediate of the ends of the spar 14, and having on the in-board end of the spar a hook 16 which extends laterally in the same direction as pin 15, and engages the davit at a point remote from the eye 13. To hold the pin in the eye 13 and prevent casual displacement of the spar 14 from the davit, a linchpin 17 is provided which engages in an opening 18 in the pin 15.

19 designates a chain or other flexible member secured at one of its ends, as shown at 20, to the spar 14, and at its opposite end in an eye 21 in the end of the pin.

The opposite or free ends of the spar 14, as shown in Figures 1 and 2, are forked or bifurcated, as shown at 22, to receive a sheave or pulley 23 that is journaled on a pin or bolt 24. In Figure 5, however, is shown a modified construction of the free end of the spar on which is provided an eye 25 to receive a hook 26 on a pulley block 27, for use in connection with the raising and lowering tackle, the spar in Figure 5 being designated 14'.

It will be apparent that the size and proportion of the extension or spar will depend upon the size and proportions of the davit upon which it is to be secured, and that the spar may be made of steel or any suitable material, galvanized or otherwise made rust-proof.

What is claimed is:—

1. An extension for davits, comprising a spar, means intermediate of the ends of said spar to pivotally secure it to a davit terminal, a laterally directed hook on one end of said spar to engage the davit, and hoisting and lowering means on the other extremity of the spar.

2. An extension for davits, comprising a spar, a laterally extending stud on said spar intermediate of its ends and adapted to engage an eye in the end of a davit, a laterally extending hook on one end of the spar engaging the davit, and a pulley mounted on the other end of the spar.

3. In combination with a boat davit having an eye on its free end, an extension for said davit, comprising a spar, a laterally directed pin intermediate of the ends of the spar and pivotally engaging in said eye, and a laterally directed hook on the inboard end of the spar and engaging under the davit.

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