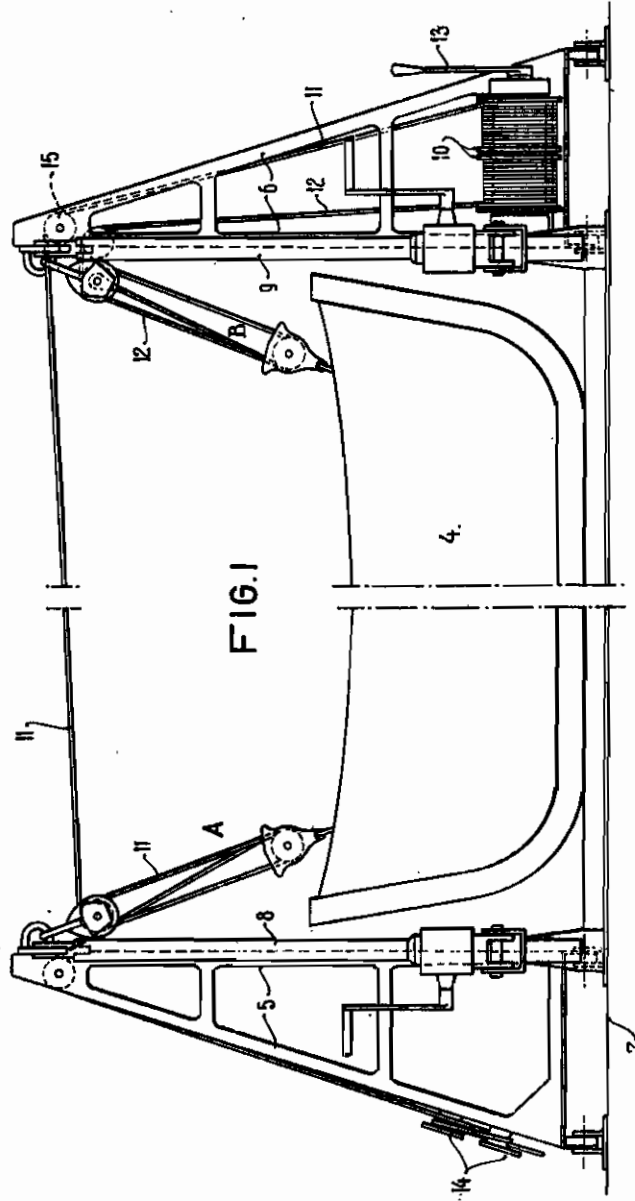


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APRIL 27, 1943.
BY A. P. C.

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LUFFING DAVIT
Filed Feb. 28, 1941

Serial No.
381,116
2 Sheets-Sheet 1



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A. P. Schat

By: Glascock Downing & DeBolt

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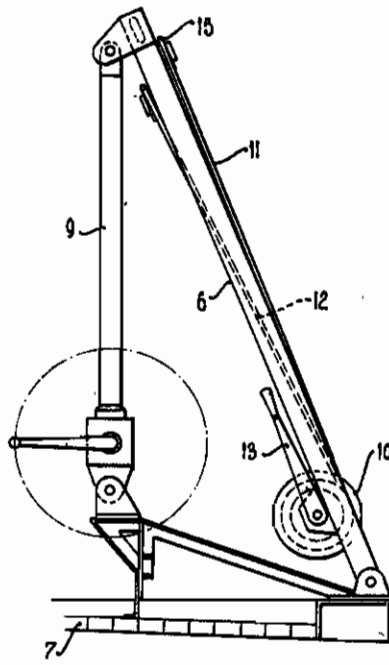


FIG. 2

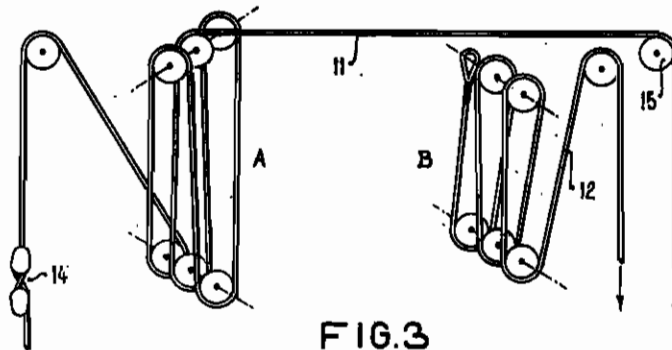


FIG. 3

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ALIEN PROPERTY CUSTODIAN

LUFFING DAVIT

Ane Pieter Schat, Utrecht, Netherlands; vested
in the Alien Property Custodian

Application filed February 28, 1941

This invention relates to luffing davits of the type comprising a substantially right triangular frame hinged to deck along its smaller side and engaged at its top by a screw spindle by means of which it can be swung inboard and outboard.

In accordance with my present invention, a davit of this type supports a rope reel, which is preferably provided with a suitable brake, and which is adapted to receive at least one fall of the boat suspended from said davit. Preferably the reel is adapted to receive both falls.

Mounting such a reel in the davit frame has the advantage that the rope reel does not occupy any deck space and that it is disposed quite near to the ship's side, so that the operator can keep his eye on the descending boat while paying out the fall or falls.

In order that my invention may be more fully understood, the same will be further described with reference to the annexed drawing, in which:

Fig. 1 is a side elevational view of a life boat suspended from two davits of the type referred to, one davit supporting a rope reel for receiving both falls,

Fig. 2 is a front view of said reel supporting davit, and

Fig. 3 is a diagram showing one preferred manner in which the falls may be reeved.

In Figs. 1 and 2, the reference numeral 4 designates a life boat suspended, by tackles A and B, from the tops of two davits 5 and 6 each comprising a right triangular frame hinged to

the deck 7 along its smaller side. Said davits are engaged, at their tops, by screw spindles 8 and 9, respectively, by means of which they can be swung inboard and outboard in a manner well known in the art.

Mounted in the lower part of davit 6 is a rope reel 10 rotatable about a horizontal axis in parallel relation with the axis of rotation of the davit, and wound thereon are the hauling parts of both boat falls 11 and 12. The reel is provided with a suitable brake operable by means of a hand lever 13.

As will be seen from Fig. 1, the standing part of fall 11 is belayed on cleats or the like 14 secured to davit 5, the hauling part thereof running from the top of davit 5 to that of davit 6, where it passes over a guide pulley 15 to reel 10. The standing part of fall 12 is secured, in the usual manner, to the top block of the tackle B suspended from davit 6.

Fig. 3 more clearly shows the manner in which the falls are reeved. Attention is more particularly drawn to the fact that fall 11 is passed, from guide pulley 15 mounted at the top of davit 6, to the central pulley of the top block of tackle A suspended from davit 5, thence to the central pulley of the lower block of said tackle, and via the outer pulleys of both blocks to the cleat 14. It has been found that in this manner the fall is entirely prevented from fouling.

ANE PIETER SCHAT.