

guys fastened to prevent this. With the "Pett" davit the number of men required is much less and the boat cannot swing in with the rolling of the ship, as the worm by which the davit is actuated holds the davit at all positions.

Another improved davit, the "Welin", is very largely in use at the present day (See Fig. 3) in fact in the last advertisement of the people building it, that I saw during my recent sojourn in England, stated that over four thousand of them were in use on board ships, this in itself, speaks well for its superiority over the old-fashioned davits and also emphasizes the fact that the steamship companies and builders recognize the necessity for an improved apparatus to do the work they are

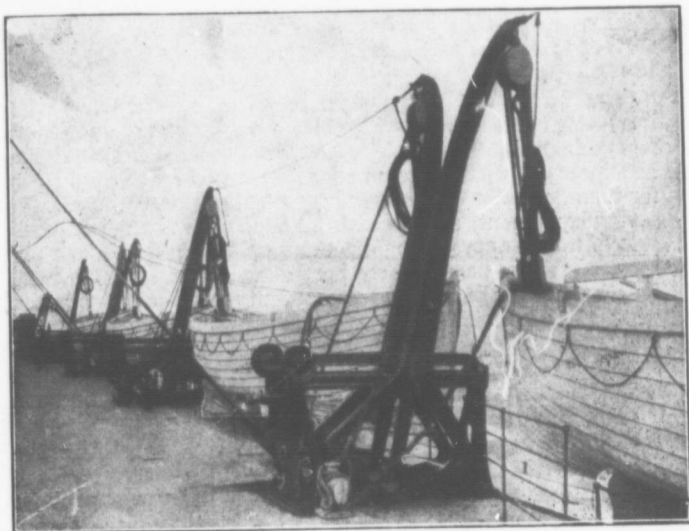


FIG. 3

intended for. The "Welin" davit consists of a quadrant attached to the base of a derrick arm. This quadrant rolls upon a rack at the base of a frame attached to the deck, and is operated by a crank which turns a screw that moves the centre of the quadrant either outward or inward, according to whether the boat is being run out or in.

It speaks well for the parties who have developed the latter davit that despite the fact that this davit is more expensive than the old-fashioned one and has no feature connected with that enables any economy in equipment and maintenance, it