C. E. WATERWORTH.

BOAT DAVIT.

APPLICATION FILED JAN. 12, 1912.

1,040,822. Patented Oct. 8, 1912.

Fig. 1

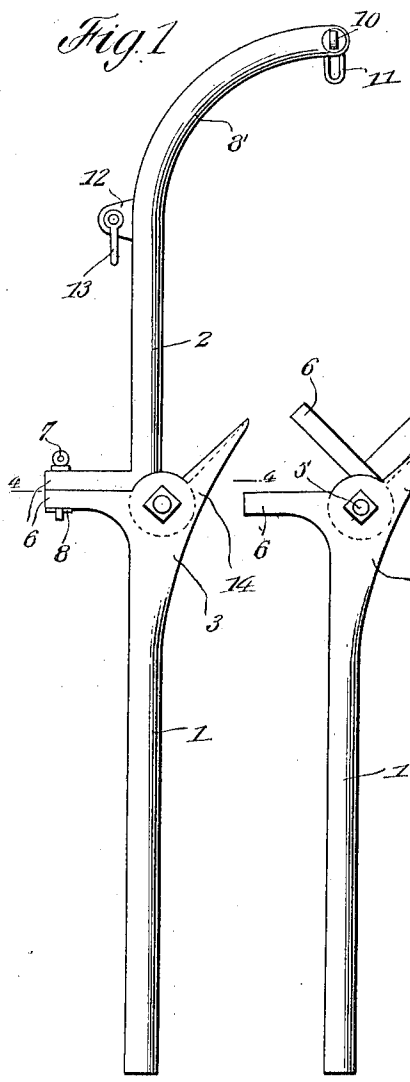

Fig. 5

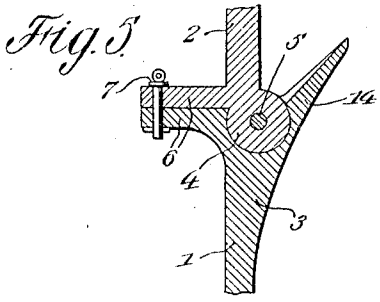

Fig. 2

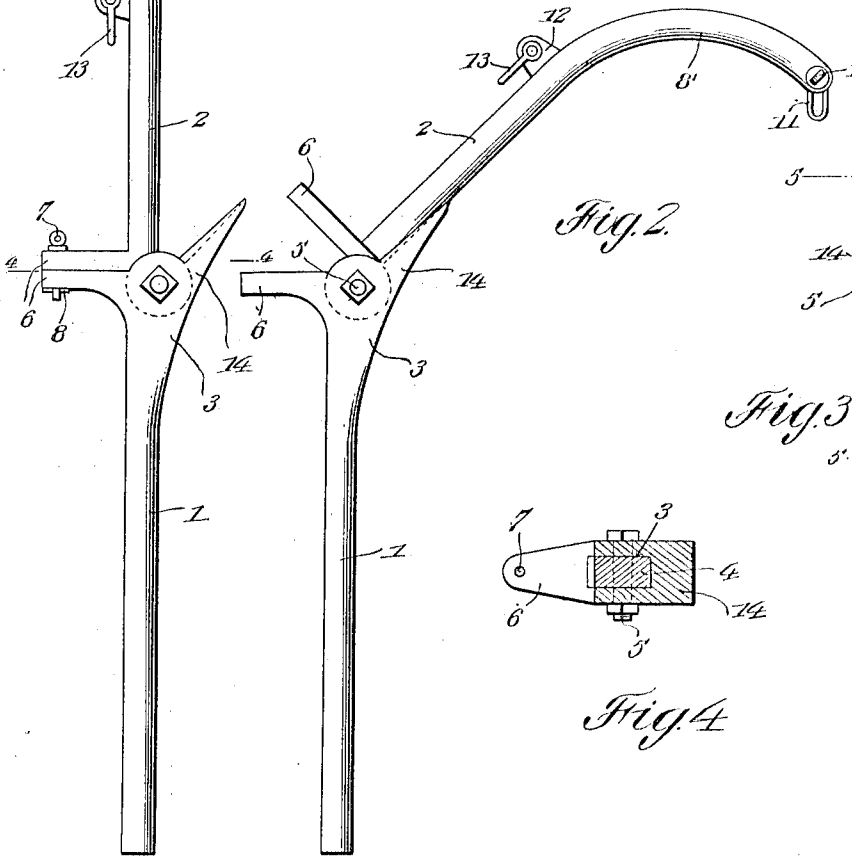

Fig. 3

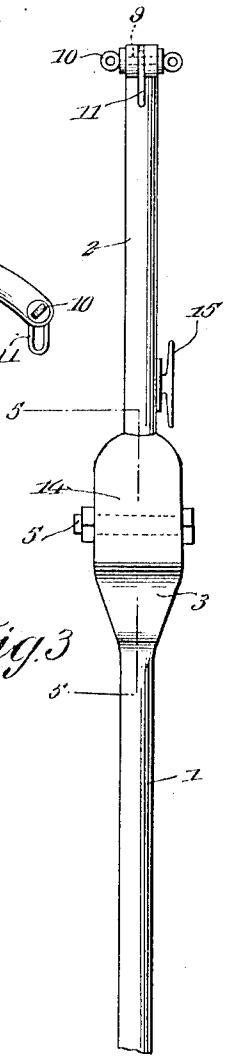

Fig. 4

Witnesses

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UNITED STATES PATENT OFFICE.

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BOAT-DAVIT.

1,040,822. Specification of Letters Patent. Patented Oct. 8, 1912.

Application filed January 12, 1912. Serial No. 670,804.

To all whom it may concern:

Be it known that I, CHARLES E. WATERWORTH, a citizen of the United States, residing at Las Cascades, Canal Zone, have invented new and useful Improvements in Boat-Davits, of which the following is a specification.

This invention relates to boat davits and the principal object of this invention is to provide a device of this character which is constructed so that the boat may be held a considerable distance away from the side of the ship when lowered so as to prevent smashing the same in rough weather.

Further objects of this invention will appear as the following specific description is read in connection with the accompanying drawing, which forms a part of this application, and in which:—

Figure 1 is a side elevation. Fig. 2 is a similar view showing the upper arm of the davit dropped for holding the boat away from the side of the ship in rough weather. Fig. 3 is a front elevation. Fig. 4 is a detail sectional view on the line 4—4 of Fig. 1. Fig. 5 is a detail sectional view on the line 5—5 of Fig. 1.

In the specific embodiment of the invention as illustrated herein, 1 and 2 represent separate parts of the davit, the lower portion being swiveled in any suitable manner to the deck of the vessel and having its upper portion provided with a socket 3 in which is seated the pivoting head 4 of the upper part 2. A bolt 5 passes through the part 1 and through the head 4 to connect these parts together. Each part is provided with a latrally extending foot 6 which is apertured to receive a connecting pin 7 preferably held in position by a cotter 8 which passes through the lower end of the pin. The outer member 2 has its upper end curved outwardly, as shown at 8, and swiveled in the upper outer end, is a shaft 9, to the outer ends of which are connected eye members 10 for securing the device to the deck on one side and to the opposite davit on the other. The upper outer end is also bifurcated so as to permit the swinging of the tackle supporting link 11 which is mounted on the shaft 9. Projecting from the rear of the member 2 intermediate its length is a lug 12 upon which is pivoted a clevis 13 by which the upper portion may be raised and lowered.

Projecting outwardly from the upper portion of the member 1 is a step bearing 14 which is adapted to support the end 2 when lowered to the position shown in Fig. 2. The davit is intended to be used with the members 1 and 2 and in alinement when the weather is clear and the water calm enough to permit launching a boat in this manner. When the weather or water is rough, the boat is first filled in the usual manner and the upper portion 2 lowered so as to rest upon the step bearing 14. The boat may then be lowered into the water by manipulation of the usual tackle which is connected to the link 11. A suitable cleat 15 is secured to the side of the upper section 2 so that the rope or lowering tackle may be held in adjusted position.

Having thus fully described the invention, what I claim as new is:—

A boat davit comprising a vertical member having a pair of parallel ears and a socket intermediate the same, a curved upper member having an ear arranged in the socket, a pivoting bolt passing through said ears to pivotally connect said members, an angular supporting bearing carried by the first member and adapted to support the curved member at an obtuse angle to the first member, laterally extending supporting feet on said members adapted to abut each other when the members are in alinement, a locking pin passing through said feet and adapted to hold the feet together, a rope cleat carried by the curved member, and a lifting clevis carried by said curved member.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES E. WATERWORTH.

Witnesses:
ANDREW N. NAYLOR,
JAMES E. BARNEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."