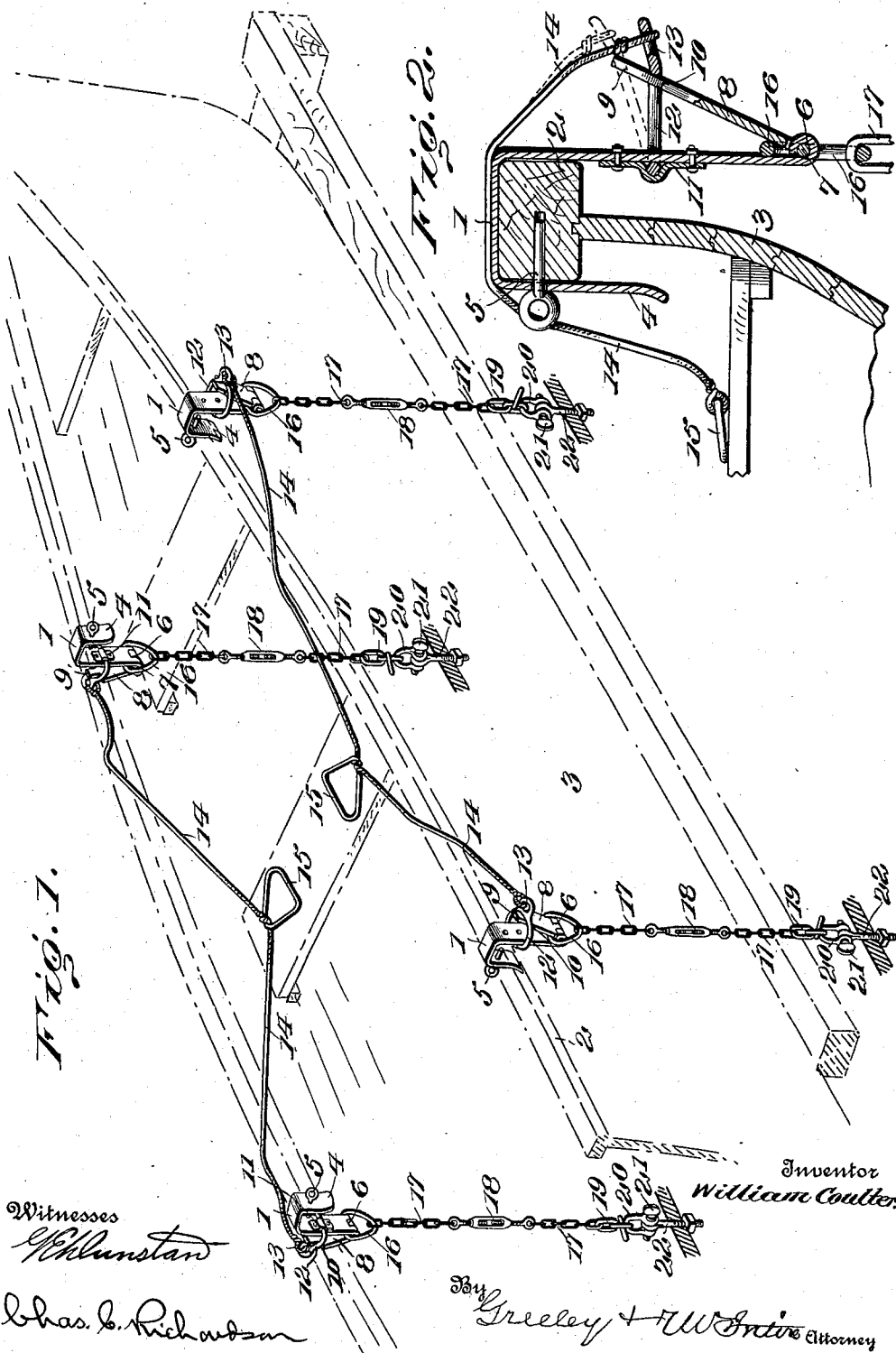


1,014,123.

W. COULTER.
BOAT LASHING DEVICE.
APPLICATION FILED OCT. 29, 1910.

Patented Jan. 9, 1912.

2 SHEETS-SHEET 1.



Witnesses
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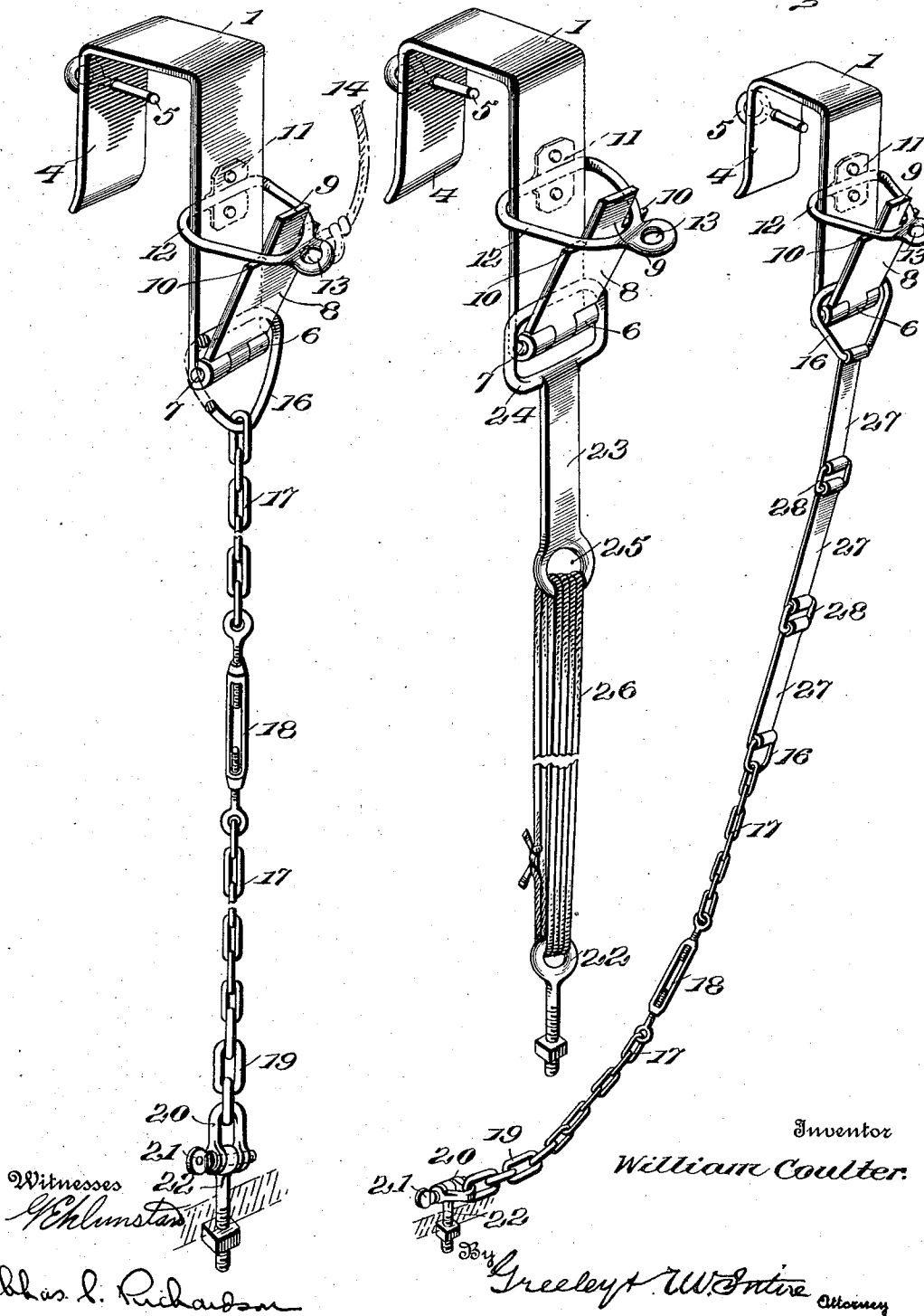
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2 SHEETS-SHEET 2.

Fig. 3.

Fig. 4.

Fig. 5.



UNITED STATES PATENT OFFICE.

WILLIAM COULTER, OF LORAIN, OHIO.

BOAT-LASHING DEVICE.

1,014,123.

Specification of Letters Patent.

Patented Jan. 9, 1912.

Application filed October 29, 1910. Serial No. 589,812.

To all whom it may concern:

Be it known that I, WILLIAM COULTER, a citizen of the United States, residing at Lorain, in the county of Lorain and State of Ohio, have invented certain new and useful Improvements in Boat-Lashing Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in boat-lashing devices, and is designed to hold life-boats or similar small craft in an upright position on the deck of a vessel.

The object of the invention is to provide a boat-lashing device which is readily applied for securing life-boats on the deck of a vessel, and quickly detached when desired to be launched for life saving or other purposes.

Another object of the invention is to provide a boat-lashing device which is easy to manipulate, and may be operated to release the life-boat by a person inside of same.

With the above and other objects in view, the invention consists in certain combinations and arrangements of the parts as will more fully appear as the description proceeds, the novel features thereof being pointed out in the appended claims.

The preferred embodiment of my invention is illustrated in the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts.

Figure 1 is a perspective view illustrating my invention in operative position; Fig. 2 is a vertical sectional view of one of the hooks adapted to fit over the gunwale; Fig. 3 is a perspective view on an enlarged scale of one of the boat-lashing devices shown in Fig. 1; Fig. 4 is a perspective view in a modified form of the connecting means between the hook and eye-bolt, and Fig. 5 is a perspective view of another modification.

Referring to the drawings, 1 represents a hook, preferably constructed of flat material, adapted to fit over the gunwale 2 of a life-boat 3, and having an aperture in its downwardly extending lip 4 for receiving a pin 5, by means of which said hook is fastened to the life-boat. The shank of the hook 1 terminates in a bifurcated eye 6, which carries a pin 7, on which is pivotally mounted a plate 8 at the outer side of the

hook, and having at its upper end a tongue 9, which forms shoulders 10 with said plate. By means of a clip 11, a stirrup 12 is pivotally connected to the inner side of the shank of said hook, and is adapted to engage the tongue 9 for holding the plate 8 in an angular position with relation to the shank of the hook. The outer portion of the stirrup 12 is provided with an eye 13, to which is attached a rope 14, having its other end connected to a triangular shaped handle 15, for a purpose hereinafter explained.

Between the shank of the hook 1 and the plate 8, which form substantially a V, is hung a D link 16, to which is connected a chain 17, having intermediate its length a turnbuckle 18. To the lower end of the chain 17 is connected a short chain 19 of increased size, any link of which may receive a shackle 20 having apertured ends, in one of which is threaded a bolt 21 for connecting the shackle to an eye bolt 22, adapted to be secured to the deck of a vessel or to the chain on which rests the life-boat.

In the modification shown in Fig. 4 of the drawings the connection means between the hook 1 and the shackle 20 consists of a bar 23, having a transverse loop 24 at the upper end for attachment to the hook 1, and an aperture 25 at its lower end for receiving a plurality of rope windings 26, which also pass through the eye-bolt 22.

Instead of arranging all of the boat-lashing devices in a perpendicular position, as illustrated in Fig. 1 of the drawings, it is sometimes desirable to have the two on the farther side of the life-boat conform to its shape and be secured to the deck of the vessel underneath the life-boat. In the latter arrangement the lashing device, shown in Fig. 5, is employed on the farther side of the life-boat, and comprises substantially the construction illustrated in Fig. 4, with the addition, between the D link 16 and chain 17, of a plurality of straps 27, hingedly connected together by links 28, in order to conform to the shape of the boat.

From the foregoing description, taken in connection with the drawings, it is readily seen that as the turn-buckle on the chain is tightened, the D link which engages the sides of the hook shank and plate pivotally connected thereto, will force the plate outwardly and its tongue will be held by the stirrup, which is prevented from falling by

the upper edge or shoulder of the plate, and the life-boat will be rigidly secured to the deck of the vessel.

In order to quickly release the life-boat the handles, which rest a suitable distance apart on the central seat and are connected by means of ropes to the stirrups, are given an upward pull by a person standing up in the boat. This disengages the stirrups from the tongues on the plates and allows the plates to fall. The D links slide from the hooks and the life-boat is released.

Although the elements herein shown and described are well adapted to serve the purposes for which they are intended, it is to be understood that slight changes may be made in the precise construction set forth without departing from the spirit of the invention.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:

1. In a boat lashing device, the combination of a hook, a plate hingedly connected to the hook, a tongue at the free end of the plate and forming shoulders thereon, a stirrup pivoted to the hook adapted to rest on said shoulders and engage said tongue for holding the plate angularly to the hook, a

link interposed between and engaging both the hook and said plate, and adjustable means whereby a strain can be exerted on the link and thereby force the tongue into engagement with said stirrup, substantially as described.

2. In a boat lashing device, the combination of a hook adapted to fit over the gunwale, a plate hingedly connected to the hook, a tongue of less width than the plate projecting centrally from the free end thereof to form shoulders thereon, a stirrup pivoted to the hook adapted to rest on said shoulders and engage said tongue for holding the plate in an angular position with relation to the hook, a link interposed between and engaging both the hook and said plate, and adjustable means connecting the link to a flooring whereby tension can be exerted on the link thereby causing it to have a wedging effect upon the plate for forcing the tongue into engagement with the stirrup, substantially as described.

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

WILLIAM COULTER.

Witnesses:

G. E. DUNSTAN,
L. D. LINDSAY.

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