

*G Gibson,
Anchor Tripper*

Nº 51,305.

Patented Dec. 5, 1865.

Fig. 1.

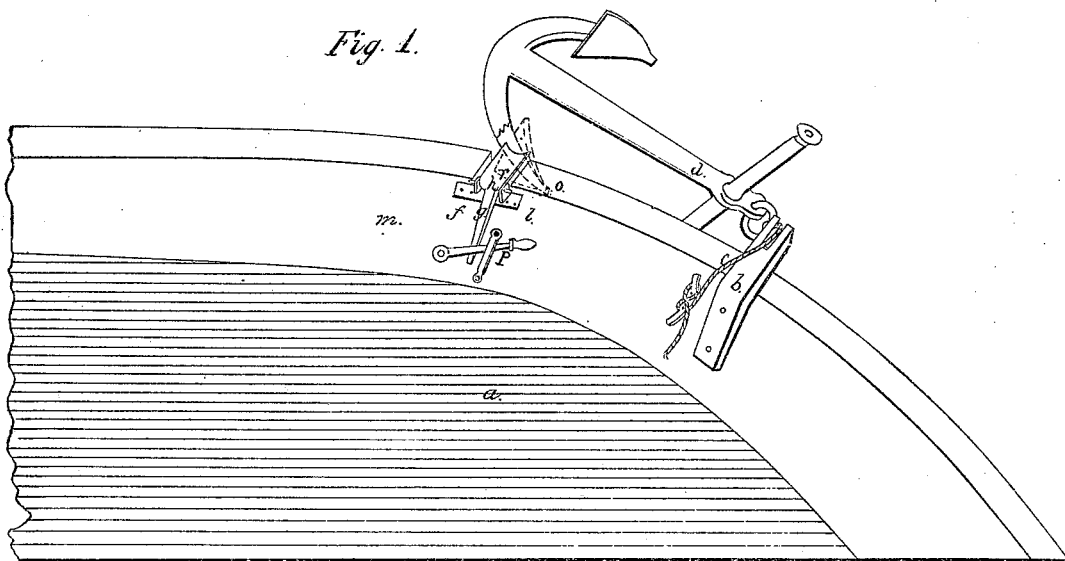
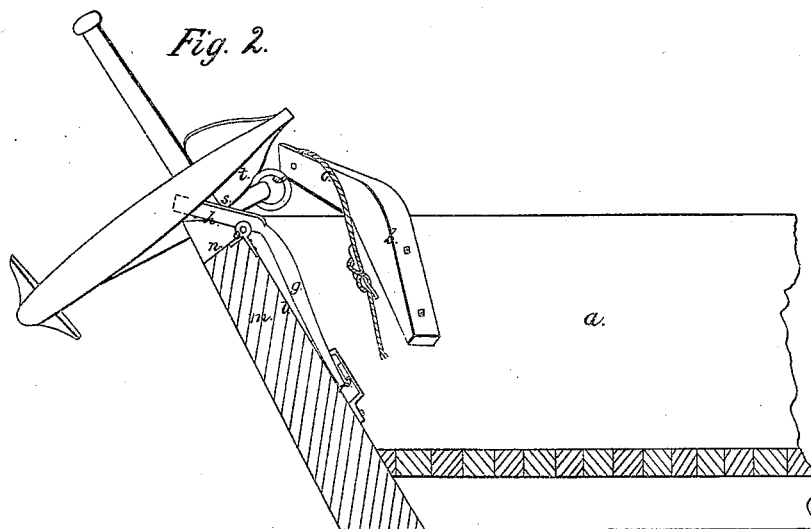


Fig. 2.



*Witnesses,
H. Brown
Flas. Smith*

*Inventor,
G. Gibson
By [Signature] Atty*

UNITED STATES PATENT OFFICE.

GILBERT GIBSON, OF PORT RICHMOND, NEW YORK.

IMPROVED ANCHOR-TRIPPER.

Specification forming part of Letters Patent No. 51,305, dated December 5, 1865.

To all whom it may concern:

Be it known that I, GILBERT GIBSON, of Port Richmond, in the county of Richmond and State of New York, have invented a new and useful Improved Anchor-Heaver; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of the present invention is not only to facilitate the heaving of an anchor, but to enable it to be accomplished with but little trouble, delay, or labor; and it consists in so forming or arranging upon the upper edge and inner side of the bulwarks of a vessel, and at or near the bow, a resting surface or support for the fluke of the anchor, that, when desired, by simply releasing or unfastening the said support, the anchor will readily fall and drop by its own weight.

In accompanying plate of drawings my improved anchor-heaver is illustrated in connection with an anchor and one side of the bow portion of a vessel, Figure 1 being a plan or top view of the same, showing the anchor-fluke at rest upon the heaving device; and Fig. 2 a partial sectional view taken in a plane across the length of the vessel.

a a in the drawings represent a portion of the deck of a vessel at or near its bow; *b*, the cat-head, over which the cat-rope *c* passes and on which is hung the anchor *d*; *f*, my improved anchor-heaver, made of an angular shape, having two arms, *g* and *h*, one, *g*, a consider-

able longer than the other, *h*, the longer one extending along and down upon the inner side, *l*, of the bulwarks *m*, and the other over the upper edge, *n*, of the same, the heaver turning upon a fulcrum, *o*, of the top edge, *n*, and secured by a swinging lever-handle, *p*, of the bulwarks, properly and suitably arranged therefor.

The upper surface of the short arm *h* of the heaver is made with a groove, *q*, or concave for its whole length, or nearly so, and has a notch, in which fits the inner corner, *s*, of the anchor-fluke *t* when swung or raised up upon the same, as represented in the drawings. This heaver *f*, arranged substantially in the manner described, when secured or held in position by the holding-lever *p*, serves as the rest or support for the anchor-fluke, and is to be made of such a form that when the lever *p* is swung in the proper direction to release the same the weight of the anchor alone and by itself will cause it to turn sufficiently to disengage its fluke therefrom, and thus allow it to fall, as it is evident without further explanation.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the grooved and bent lever *g h q* and detaining-lever *p*, when constructed and arranged to operate as specified.

The above specification of my invention signed by me this 29th day of June, 1865.

GILBERT GIBSON.

Witnesses:

M. M. LIVINGSTON,
C. L. TOPLIFF.