

H. Higgins.
Anchor Tripper

Nº 26,765.

Patented Jan. 10, 1860.

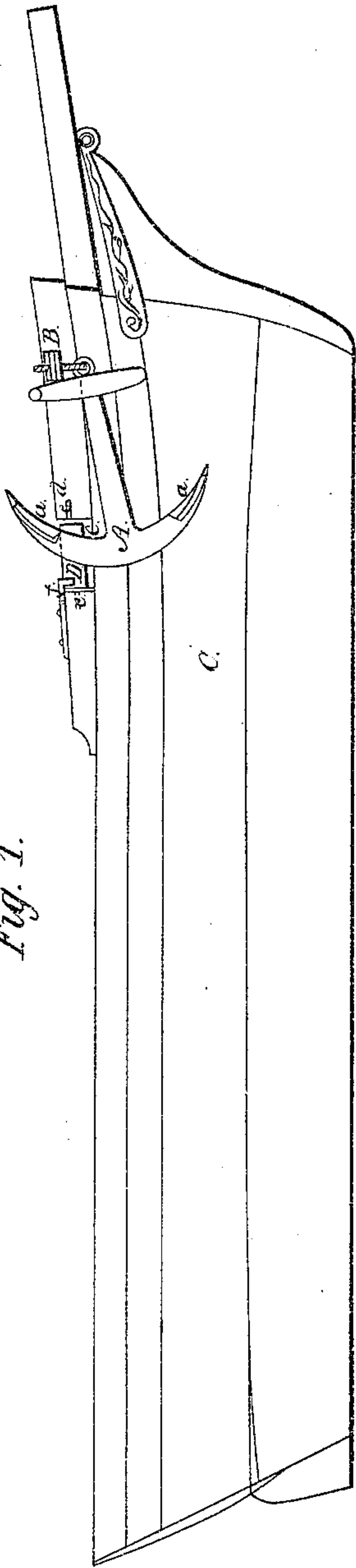


Fig. 1.

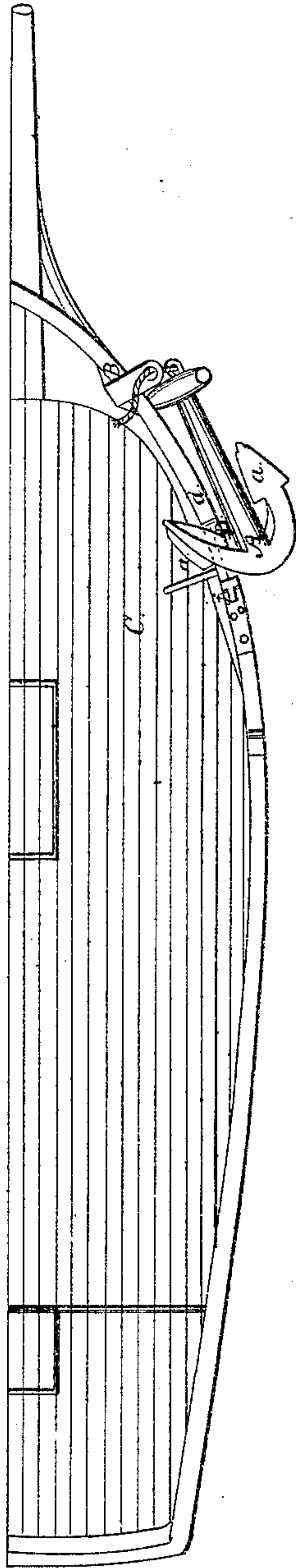
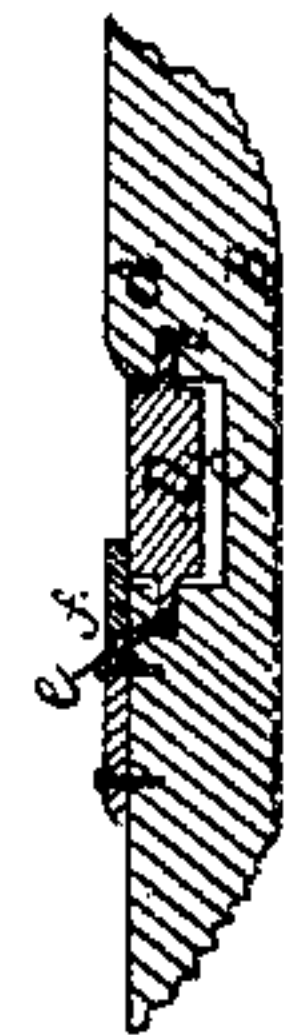
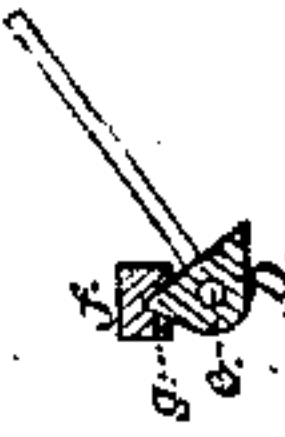


Fig. 2.

Fig. 5.

Fig. 4.

Fig. 3.



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UNITED STATES PATENT OFFICE.

HATSEL HIGGINS, OF ORLEANS, MASSACHUSETTS.

ANCHOR-TRIPPER.

Specification of Letters Patent No. 26,765, dated January 10, 1860.

To all whom it may concern:

Be it known that I, HATSEL HIGGINS, of Orleans, in the county of Barnstable and State of Massachusetts, have made a new and useful Invention for Supporting the Flukes of Anchors on and Discharging the Same from the Bulwark-Rails of Vessels; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, of which—

Figure 1 denotes a side view of a vessel's hull as provided with my invention and with an anchor sustained by it. Fig. 2 is a top view of the same. Fig. 3 is a longitudinal section of the tripper and its holder. Fig. 4 is a transverse section of the tripper. Fig. 5 is an inner end view of the holder.

In the said drawings, A exhibits an anchor swung in the usual manner from a cat-head B, of the hull C, and having its fluke *a*, resting on the rotary tripper shown at D.

It is well known to mariners that the process of casting the fluke of a heavy anchor off the bulwark rail of a ship preparatory to anchoring the vessel or dropping the anchor into the sea is often not only one of much difficulty, but is attended with considerable expenditure of time. Vessels are often shipwrecked or run ashore in consequence of the delay in getting their anchor flukes off their bulwarks. With my invention, the discharge of an anchor fluke is a matter of easy accomplishment, one requiring scarcely more than a second or two of time, and therefore such invention is one of great value and importance on shipboard, and may often be the means of preventing the loss of a ship and its crew and passengers.

In carrying out my invention, I apply

within a port or recess *c*, formed in the bulwark rail *d*, a rotary block or tripper D, of a prismoidal or other proper form such block having a journal *e*, extending from each of its ends and into a suitable bearing formed in or applied to the rail, the same being to enable the block to be revolved either partially or wholly in a transverse direction. In connection with such block, I use a holder or device for preventing it from revolving except when it may be desirable to have it revolve. That shown in the drawings is a notched pawl *f*, hinged to the rail so as to be capable of being turned upward out of the way of the tripper. It is constructed with an angular notch *g*, to receive and straddle upon the tripper. A hole may be made transversely in the tripper to receive a lever or bar which may be employed to facilitate the turning of the tripper should it not freely turn under the downward pressure of the anchor.

When the anchor is in position as shown in the drawings, its fluke will be caught upon and held up by the tripper. In order to discharge the fluke so as to enable the anchor to fall into a vertical position from the cathead, it will only be necessary to raise the holder off the tripper, and should not the tripper turn by the pressure of the anchor fluke and discharge the anchor it will only be requisite to apply the lever and revolve the tripper a little.

I claim—

The rotary anchor fluke tripper and its holder applied and used substantially as and for the purpose stated.

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