

(No Model.)

R. P. TREFRY.
ANCHOR SUPPORT AND TRIPPER.

No. 308,446.

Patented Nov. 25, 1884.

Fig. 1.

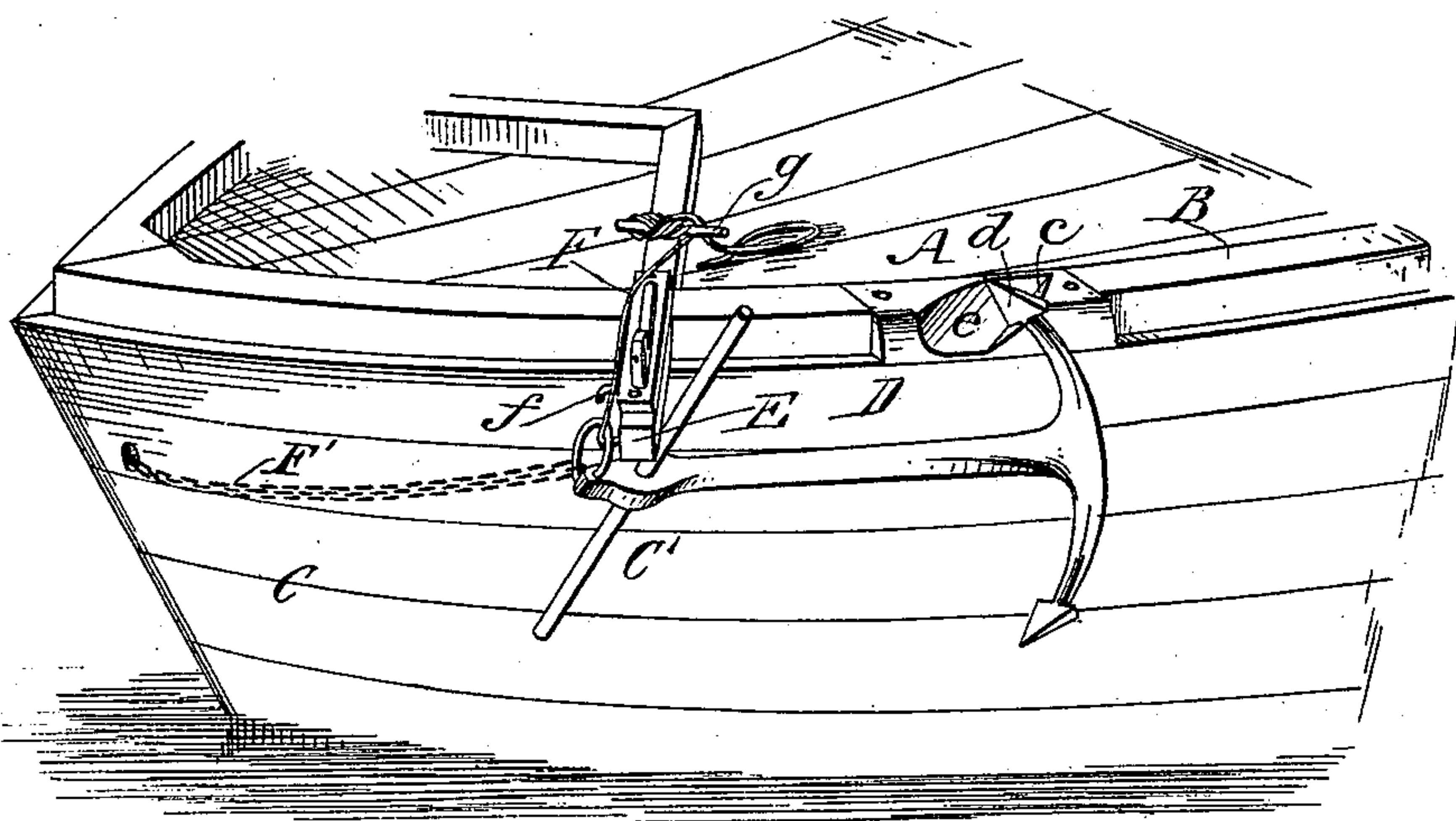
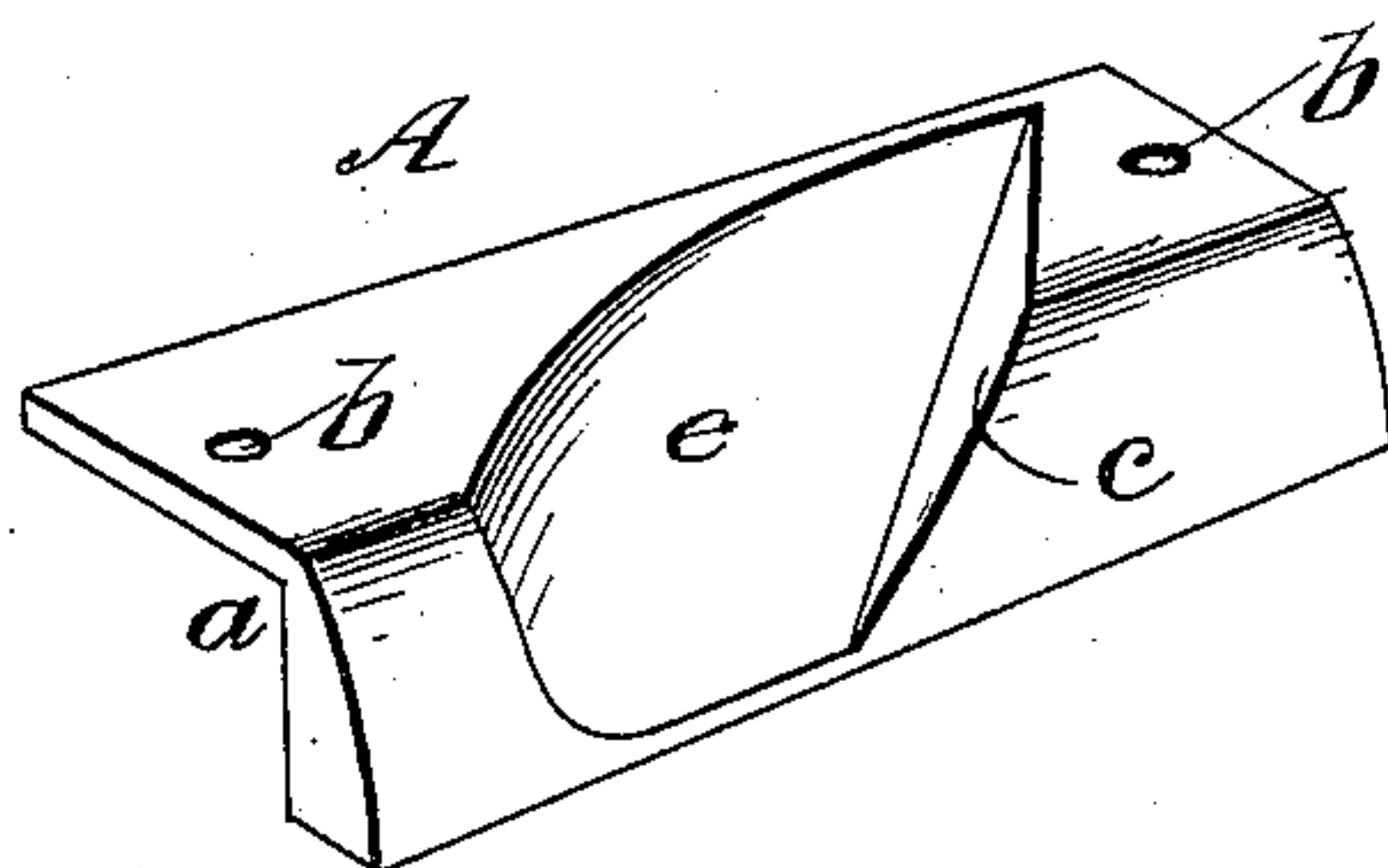


Fig. 2.



WITNESSES:

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ANCHOR SUPPORT AND TRIPPER.

SPECIFICATION forming part of Letters Patent No. 308,446, dated November 25, 1884.

Application filed July 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, RUFUS P. TREFRY, of Bridgewater, Nova Scotia, Canada, have invented a new and Improved Anchor Support and Tripper, of which the following is a full, clear, and exact description.

The object of this invention is to provide an improved anchor support and tripper constructed to hold the anchor by the fluke, the stock of the anchor coming against the hull of the vessel, and constructed also to facilitate the casting off of the anchor, so that there is no danger of fouling.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of a part of a vessel having my new and improved anchor support and tripper applied to the rail thereof, and showing also an anchor placed in the support and tripper. Fig. 2 is a perspective view of the support and tripper.

A represents my new and improved anchor support and tripper. This is by preference cast with the angle *a* and apertures *b b*, so as to be adapted to be placed upon the rail B of the vessel C and secured by bolts or heavy spikes passed through the apertures *b*. Upon its outer surface the support and tripper A is formed with the diagonal flange or shoulder *c*, over which the fluke *d* of the anchor D may be placed after the anchor has been elevated to the cat-head E, and secured by the rope F, the lower end of the stock C' of the anchor coming against the hull of the vessel, as shown in Fig. 1. In front of the diagonal flange or

shoulder *c* the supporter and tripper A is beveled or made concaved, as shown at *e*, which acts as a cam, in tripping the anchor, to throw the upper fluke of the anchor clear of the hull, and at the same time cause the lower end of the stock of the anchor to hug the hull, so that it can in no manner foul with the anchor-chain F'. A hook, *f*, is secured to the cat-head E, to receive the rope F, so that there will be no endwise movement of the anchor after the rope F is secured to the cleat *g*, so that the anchor will be held perfectly secure.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In an anchor supporter and tripper, the angular plate provided with a concavity or cavity extending across said plate, and having an abrupt oblique rear surface, substantially as and for the purpose set forth.

2. In an anchor supporter and tripper, the plate having an oblique or diagonal shoulder or flange crossing the plate from side to side, the base of said shoulder or flange touching a sloping or inclined surface of said plate, substantially as and for the purpose set forth.

3. In an anchor supporter and tripper, the plate having an oblique shoulder or flange extending transversely from side to side of said plate, said plate also having a cavity or concavity in front of said shoulder or flange, substantially as and for the purpose specified.

RUFUS P. TREFRY.

Witnesses:

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