

(No Model.)

T. G. EDMONDSON.
FOLDING ANCHOR.

No. 374,526.

Patented Dec. 6, 1887.

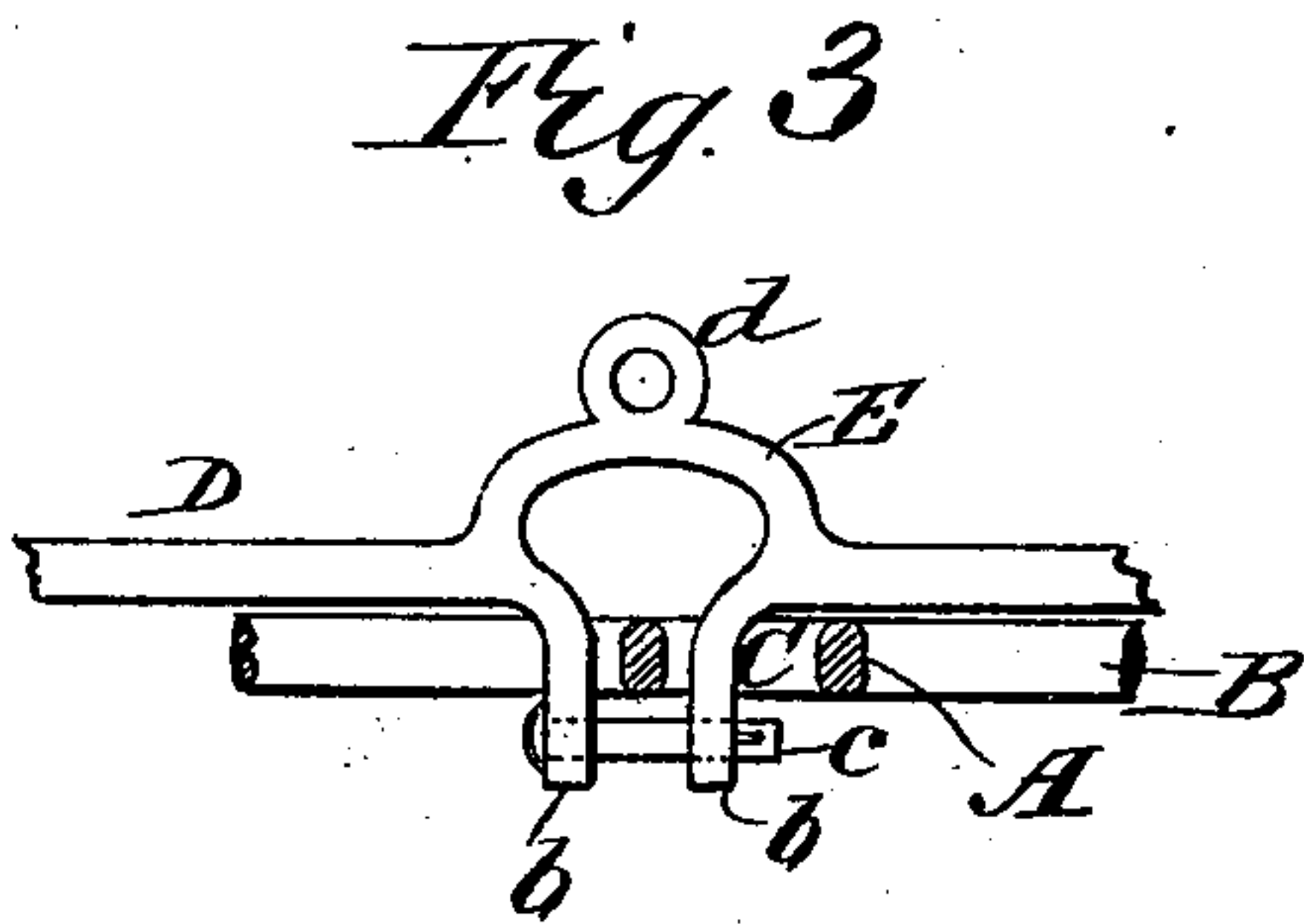
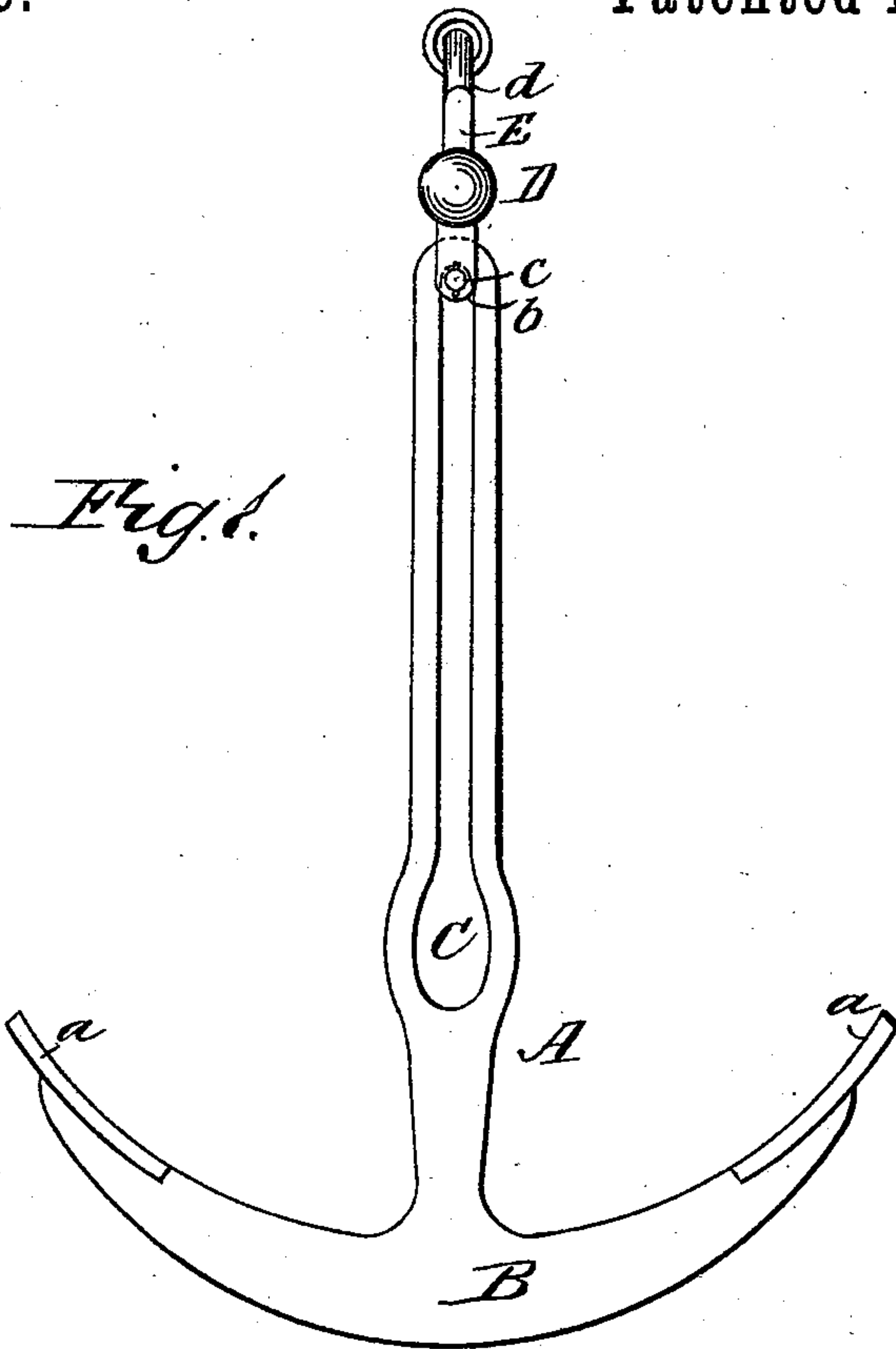
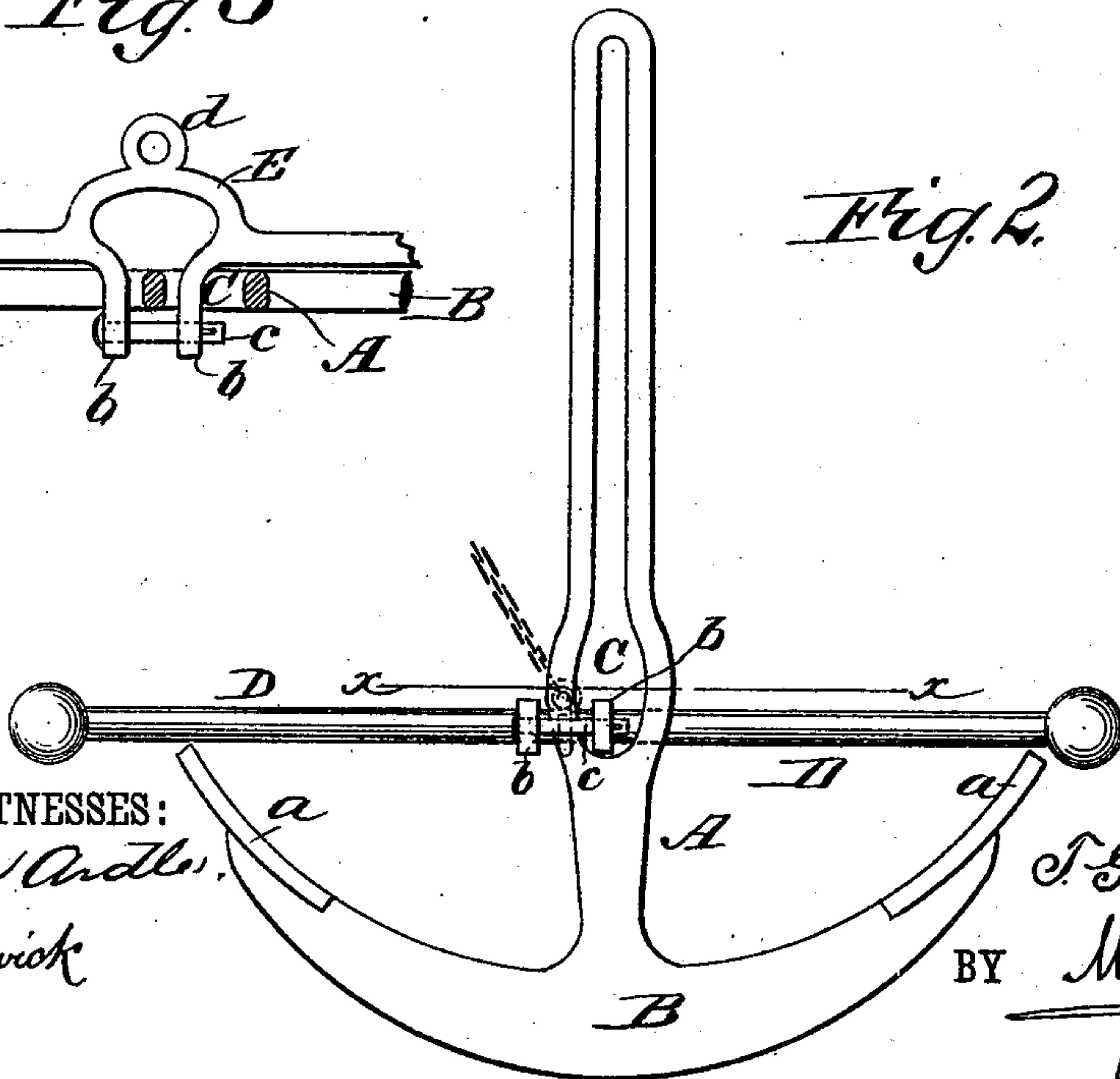


Fig. 2.



WITNESSES:
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UNITED STATES PATENT OFFICE.

THOMAS G. EDMONDSON, OF TARPON SPRINGS, FLORIDA.

FOLDING ANCHOR.

SPECIFICATION forming part of Letters Patent No. 374,526, dated December 6, 1887.

Application filed April 20, 1887. Serial No. 235,484. (No model.)

To all whom it may concern:

Be it known that I, THOMAS G. EDMONDSON, of Tarpon Springs, in the county of Hillsborough and State of Florida, have invented a new and Improved Folding Anchor, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a side elevation of my improved folding anchor. Fig. 2 is a side elevation showing the stock folded, and Fig. 3 is a partial horizontal section taken on line *x x* in Fig. 2.

Similar letters of reference indicate corresponding parts in all the views.

The object of my invention is to construct an anchor in which the stock can be readily folded along the sides of the flukes, so as to render the anchor compact when stowed on deck or hung over the bows; also to provide an anchor that may be readily cleared when the flukes become fouled by roots, rocks, or other obstructions in river-bottoms.

My invention consists in the combination, with an anchor provided with a slotted shank and having a loop near the head of the anchor, of a stock adapted to engage the slotted shank when the anchor is desired for use, or to fold parallel with the flukes when the anchor is to be stowed. The shank A of the anchor is formed integrally with the crown B, and is provided with an eye, C, which is about in line with the flukes *a*, the shank A being slotted from the eye C outwardly throughout the remainder of its length. To the shank A is fitted a stock, D, having at the center thereof a bow, E, connecting with the two halves of the stock and projecting from one side of the stock. Ears *b*, projecting from opposite sides of the stock and opposite ends of the bow E, are apertured to receive the bolt *c*. The ears *b* are designed to embrace opposite sides of the shank A, and are made sufficiently large to prevent their passing through the slot until they arrive at the eye C. The bolt *c*, passing through the ears *b*, fits loosely in the slot of the shank. To the center of the bow E is at-

tached an eye, *d*, for receiving the cable or chain. When the bolt *c* passes transversely through the slot of the shank A and the ears *b* engage opposite sides of the shank, the anchor can be used in the same manner as the ordinary anchor; but when it is desired to fold the stock the stock is slid toward the head B until the ears *b* are opposite the loop C, when the stock D may be turned through a quarter of a revolution, bringing it into the position shown in Figs. 2 and 3—that is, with the stock resting on the flukes and parallel with the head B of the anchor. This construction allows the anchor to lie flat, so that it occupies very little room.

When the anchor is in use and it is desired to clear a fluke from a rock or other obstruction on the bottom, or when the anchor breaks out from the bottom with difficulty, by leading the stock along the slot, as described above, by means of the cable, the foul fluke is easily lifted out, owing to the then nearly vertical strain of the cable on the fluke.

The shank A is so constructed in regard to weight that when the stock D suspends the anchor at C the slotted end is the heavier.

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

1. The combination of the anchor provided with the slotted shank A, and having an eye in the shank near the crown of the anchor, the stock D, having the bow E in the center thereof, and provided with apertured ears *b b*, adapted to embrace the sides of the shank A, and the bolt *c*, passing through the ears *b*, substantially as described.

2. The combination, with the slotted shank A, provided with the eye C, of the stock D, having the central bow, E, and eye *d*, the apertured ears *b b*, and the bolt *c*, substantially as described.

THOMAS G. EDMONDSON.

Witnesses:

SAML. E. HOPE,
W. J. MEYER.