

(No Model.)

R. R. SPEDDEN.

ANCHOR.

No. 262,254.

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Fig. 1.

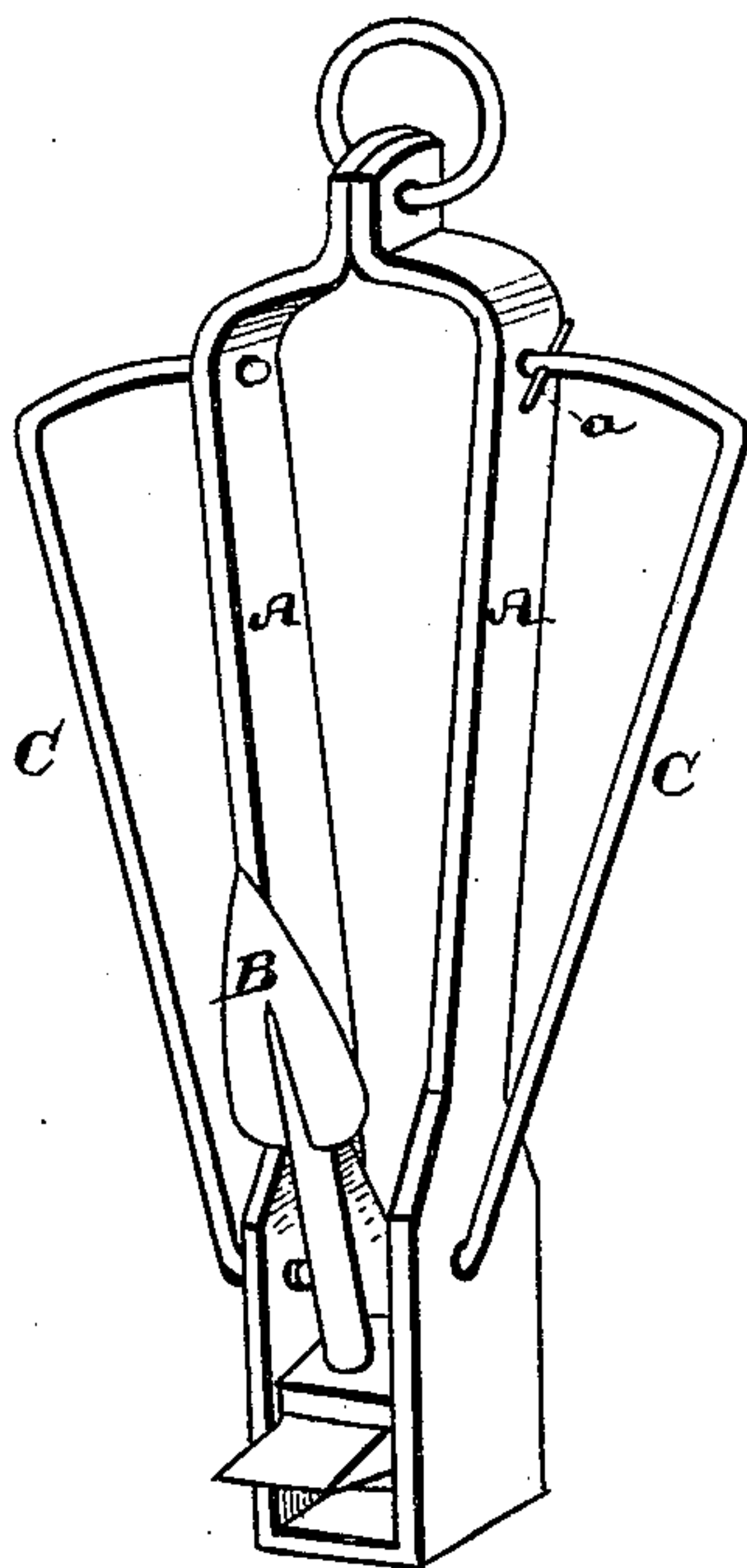
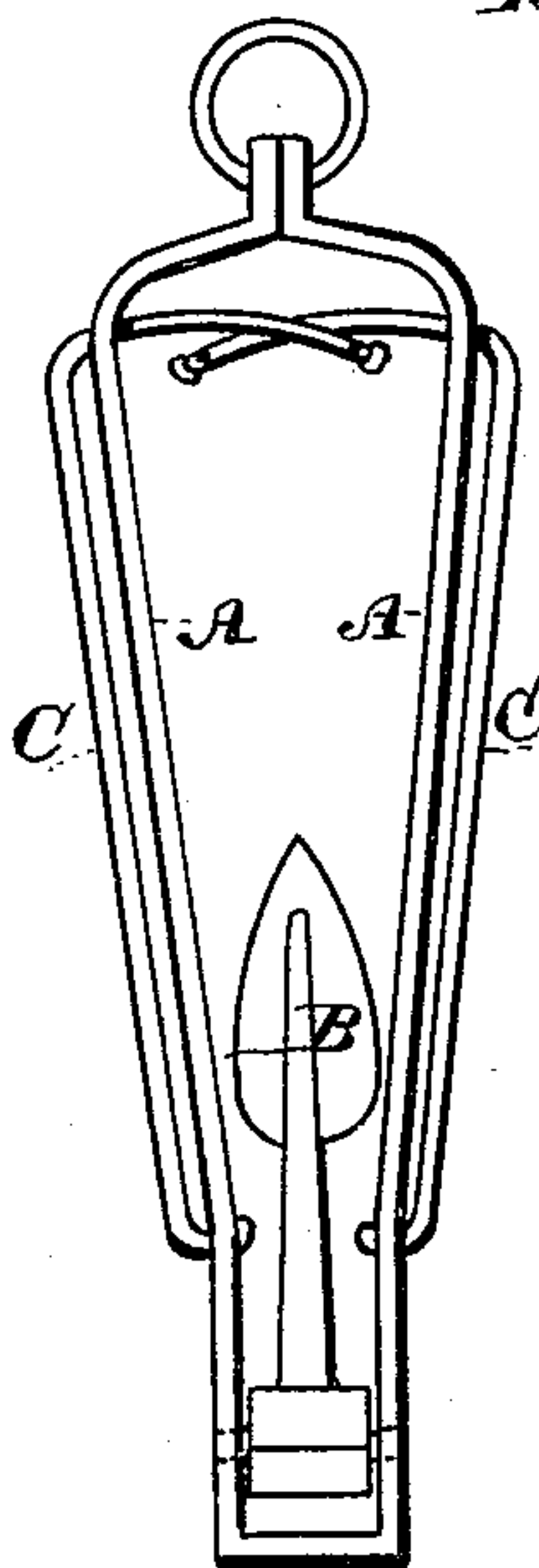


Fig. 2.



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UNITED STATES PATENT OFFICE.

ROBERT R. SPEDDEN, OF ASTORIA, OREGON.

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SPECIFICATION forming part of Letters Patent No. 262,254, dated August 8, 1882.

Application filed April 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, ROBERT R. SPEDDEN, of Astoria, county of Clatsop, State of Oregon, have invented an Improved Anchor; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to a new and useful improvement in that class of anchors in which an open frame serves as a shank and stock for the purpose of avoiding sharp points or projecting arms in the construction, being more particularly an improvement upon a certain anchor for which Letters Patent of the United States, No. 200,673, dated February 26, 1878, were issued to me jointly with one Daniel F. Staffords, to which reference is hereby made.

My invention consists in the attachment to the open frame of an anchor similar to the one to which reference is made in said patent of bars forming a frame which, when in use, may be expanded and when not in use may be closed in.

The object of my invention is to furnish a stock to an anchor which shall have no projecting points to foul the cable, and which, when in use, will have sufficient width to answer all the purposes of the ordinary stock, and when not in use may be so folded or closed as to occupy but little space when stowed.

Referring to the accompanying drawings, Figure 1 is a perspective, and Fig. 2 a side view, of my device.

Letter A represent the open frame of the anchor, and B the fluke or tongue pivoted in the frame A, and adapted to operate in the manner described in said former patent.

To the frame A, upon each side, are attached the bars C C. At their rear ends they are inserted through holes in the sides of frame A, and are hooked therein, though they are

loose enough to allow the forward ends to be moved, as I shall describe. The forward ends of these bars pass loosely through holes in said frame, and are adapted to close in so that they shall lie parallel with the sides of the frame, or to be drawn out to diverge therefrom. In order to prevent them from being drawn entirely free from the holes, their heads inside of frame A are enlarged, as shown, so that they cannot be withdrawn. They are also provided with small holes through which fits a movable key, pin, or other suitable device, a, beside frame A, when the bars are expanded and ready for use, so that they may not be pushed in.

The bars C C are so bent or curved at their forward ends as to allow them to move freely in or out of the frame when the keys are removed, and to pass one another when doing so.

When the anchor is in use both bars C C are expanded, and held in their position by the pins or keys. When not in use these may be removed and the bars closed, so that the anchor may be stowed in a comparatively small space.

The bars C C might be hinged to frame A and adapted to open or close.

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

In an anchor having for a shank or stock an open frame, A, substantially as shown, and in combination therewith the bars C C, forming an expanding frame, connected with the main frame A, operating and constructed substantially as and for the purpose herein described.

In witness whereof I hereto set my hand.

ROBERT R. SPEDDEN.

Witnesses:

J. O. BOZORTH,

A. M. TWOMBLY.