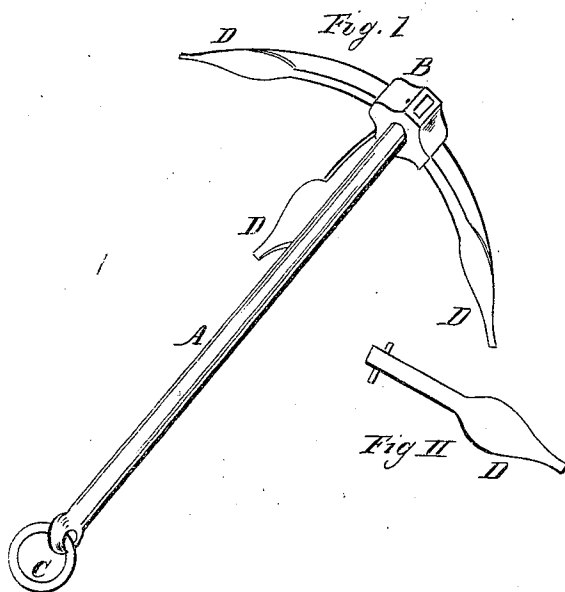


J. W. Habberly,
Anchor.

No. 82940.

Patented. Oct. 13. 1868.



ATTEST
A. W. Singleton
Chas. S. Sprague

INVENTOR.

J. W. Habberly
Per attorney
Chas. S. Sprague



JOHN W. HABBERLEY, OF SOUTH MALDEN, MASSACHUSETTS.

Letters Patent No. 82,940, dated October 13, 1868.

IMPROVEMENT IN ANCHORS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JOHN W. HABBERLEY, of South Malden, in the county of Middlesex, and State of Massachusetts, have invented a new and useful Improvement in Anchors; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others skilled in the art to which my invention appertains to fully construct and understand the same, reference being had to the accompanying drawings, which make part of this specification, and in which—

Figure 1 is a perspective view of my improved anchor, and

Figure 2 is a detached view of one of the flukes.

Like letters of reference indicate like parts in both figures.

The nature of my invention consists in the peculiar construction of an anchor, the flukes of which are constructed separately, with square inner ends, which are inserted into square mortises, *a*, in the hub of the anchor, and kept there in place by pins.

A, in the drawings, is the shank, provided with the usual ring, C, for attachment of the chain. This shank is a round bar of wrought iron, passing through and being secured to the hub B, which may be cast, and is provided with square sockets, into which the square inner ends of flukes D are inserted, and where they are held by pins passing through the flukes and sockets, or by being keyed.

Having thus described my invention,

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

An anchor, when constructed, of the shank A of wrought iron, inserted into the cast hub B, which latter is provided with sockets for the reception of the square inner ends of the flukes D, which are secured by pins or keys, substantially as described.

JOHN W. HABBERLEY.

Witnesses:

JOSEPH BENNETT,
D. H. COOLIDGE.