

Lloyd & Stewart,
Anchor.

No. 95698.

Patented. Oct. 12 1869.

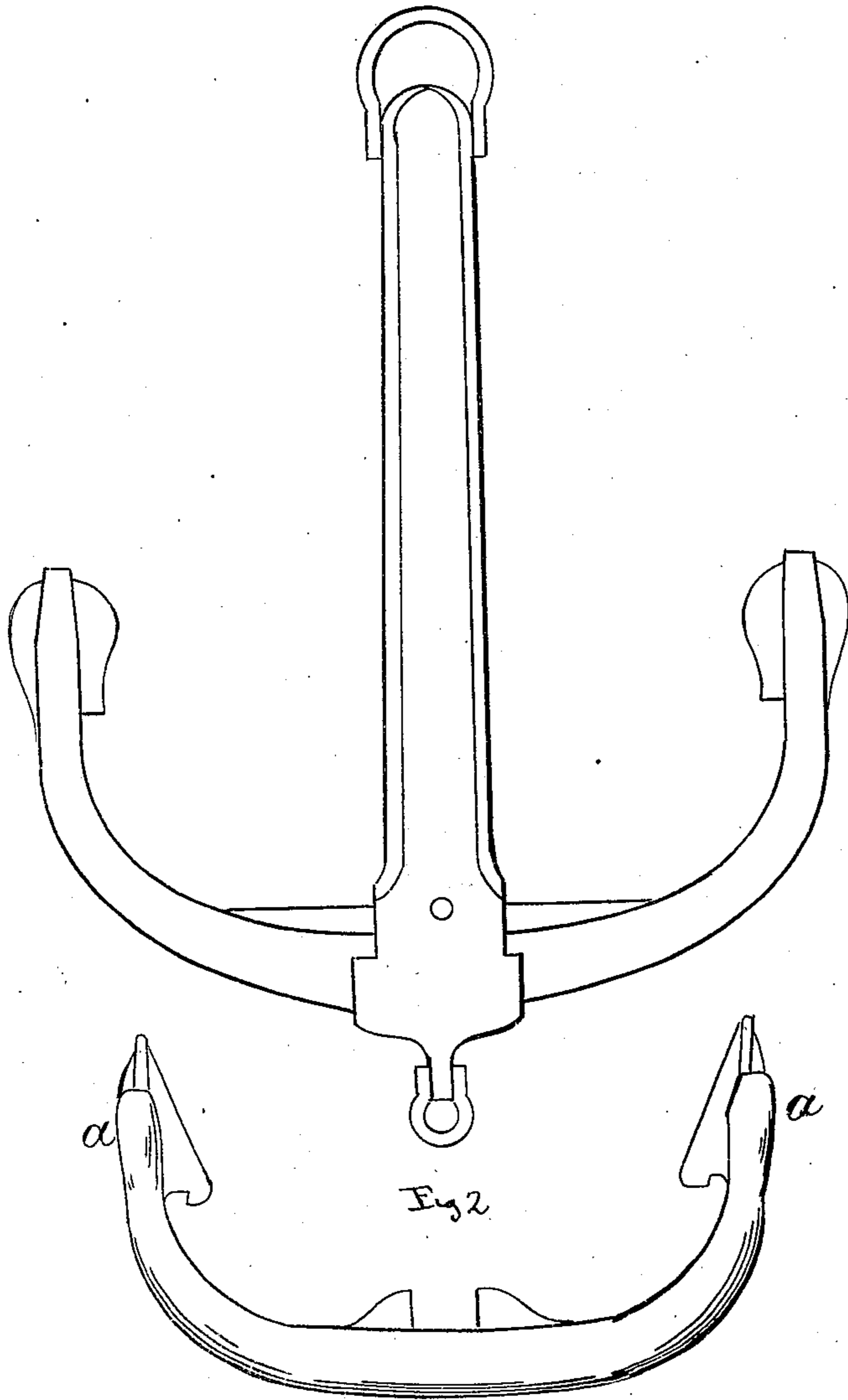
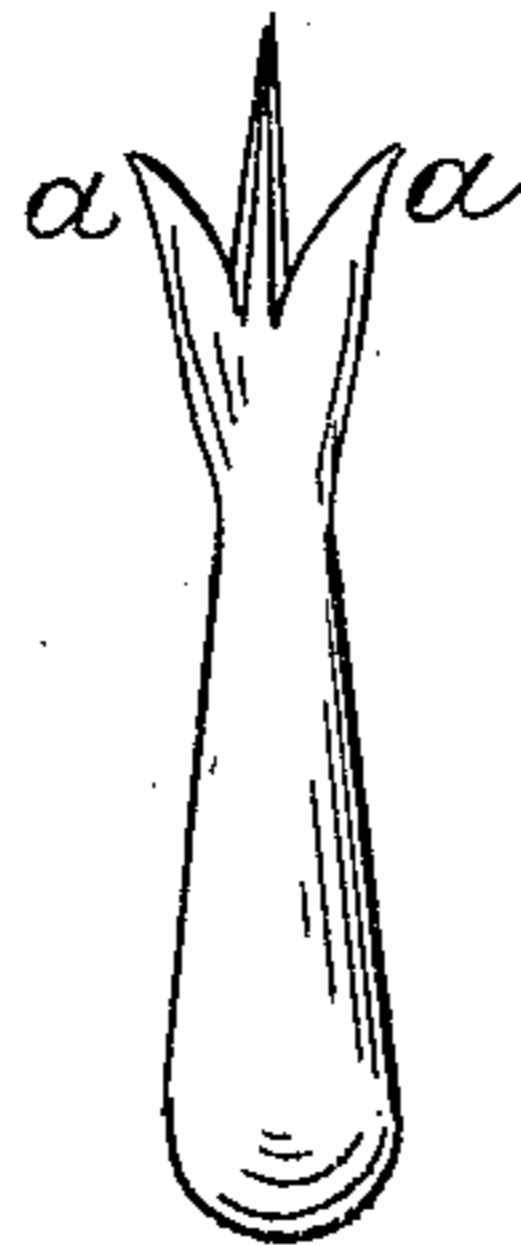


Fig 3.



Witnesses

David P. Smith
J. M. Mayhew

Inventors

George A. Lloyd
and
Charles A. Stewart
By their Atty's
Wm. Smith

United States Patent Office.

GEORGE A. LLOYD AND CHARLES A. STEWART, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 95,698, dated October 12, 1869.

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 we, GEORGE A. LLOYD and CHARLES A. STEWART, of the city and county of San Francisco, State of California, have invented certain new and useful Improvement in Ships' Anchors; and we do hereby declare that the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains, to make and use our said improvement without further invention or experiment.

The nature of our invention or improvement consists in attaching to both sides of the palms of anchors a barb or projection, so that when the anchor is let go, both arms will take the ground at once and turn readily, and not be liable to trip at the turn of tide or change of position from side to side.

Our invention is intended to be an improvement on an anchor, for which Letters Patent of the United States were granted to us, dated July 9, 1867, and numbered 66,665.

Referring to the drawings—

Figure 1 represents an elevation of our original anchor, shown in red.

Figure 2 is an elevation of our improvement.

Figure 3 is a side view of one palm.

In our former patent, we stated that the flukes were not on the same plane, but were arranged to

stand at different angles, so that when the anchor was dropped one side up, one of the flukes would catch first, and when dropped the other side up, the other fluke would catch first; the arms or flukes being bent for that purpose. But in this, our present improvement, we do not bend the arms, but attach to or forge with the palms, and at each side of them, a barb or projection, *a*, ending in a point like a barb, so that when the anchor is let go, both palms will enter, and both arms will take the ground at once, without dragging, by reason of the spur-projection.

The same general manner of construction may be followed, with the above exception, as that described in our specification above mentioned.

Having thus described our invention,

What we claim, and desire to secure by Letters Patent, is—

In combination with anchors having movable arms, flukes, or palms, the barb, beak, or projections *a a*, substantially as described.

In testimony whereof, we have hereunto set our hands and seals.

G. A. LLOYD. [L. S.]
CHAS. A. STEWART. [L. S.]

Witnesses:

C. W. M. SMITH,
H. S. TIBBEY.