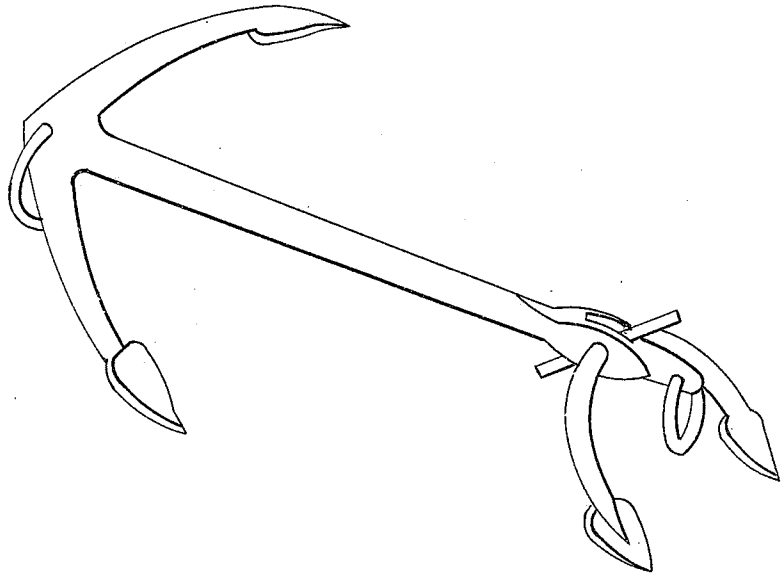
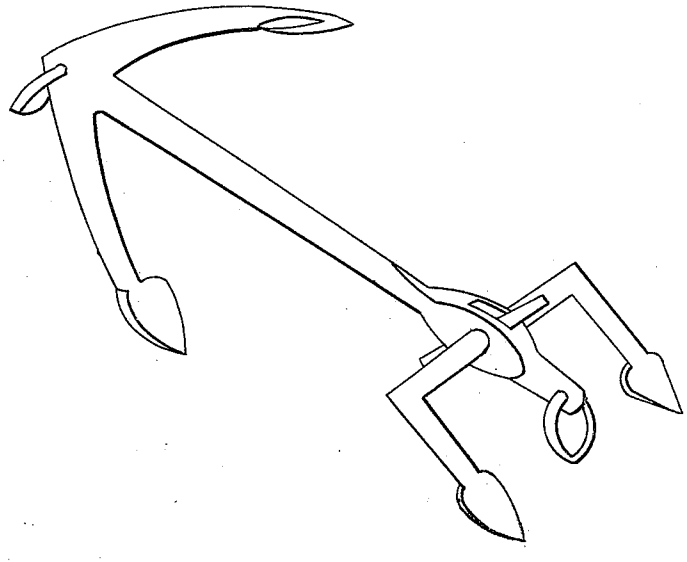
W. A. Kentish.

Anchors.

No. 5,547. Patented May 2, 1848.





N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

W. A. KENTISH, OF NEW YORK, N. Y.

IMPROVEMENT IN ANCHORS.

Specification forming part of Letters Patent No. **5,547**, dated May 2, 1848.

To all whom it may concern:

Be it known that I, WILLIAM AUGUSTUS KENTISH, of the city of New York, have invented an improvement to the anchor now ordinarily in use for securing vessels generally; and I do hereby declare that the following is a full and exact description of the aforesaid improvement.

The nature of my invention consists in the adaption of a "stock" (as I believe it is termed) very different from the one hitherto used in its formation, which tends, materially, to increase the resistance of the common anchor when employed for the purpose of security.

To enable others skilled in the art of anchor-making to manufacture and use my said invention, I will now proceed to describe its construction, operation, and effect.

Instead of the fixed wooden or iron stock at present in use, I employ a bent or semicircular stock, or a straight and semi-quadrangular stock, as represented in the accompanying drawings and models. These stocks, instead of being fixed and permanent, move on their center, to accommodate themselves to the angle or position of the hinder fluke. My improved stocks, as aforesaid, have a fluke at each extremity, so that when the anchor is in the ground my improved or safety anchor has three flukes in the said ground in place of one. In the common anchor the safety of the vessel and everything on board frequently depends on one fluke alone, and when that fluke gets between two stones in the ebb and flow of the tide, and so is prevented from turning round with the vessel, the said fluke is often broken off, not being strong enough to resist the combined influence of the weight of the vessel, cargo, and cable, with the pressure of the tide acting against the whole length of the arm as a lever. In my improved anchor the two front flukes destroy that leverage, and thus insures the vessel's safety, whether the anchor turns round or not. If, by getting among stones, there should at any time be a difficulty in weighing it, as sometimes happens with the common anchor, then, as in the aforesaid case, it is raised at the ring behind.

What I claim, therefore, as my invention, and desire to secure by Letters Patent, is—

The employment of a bent or semicircular stock, or straight or semi-quadrangular stock, to an anchor turning on its center, and having a fluke at each extremity, which movable stock may be made of iron or any other metal, or of any convenient material.

July 29, 1847.

WILLIAM AUGUSTUS KENTISH.

Witnesses:

A. B. STRONG,

HENRY L. CURBY.