

F. A. BUCK.

ANCHOR.

No. 189,601.

Patented April 17, 1877.

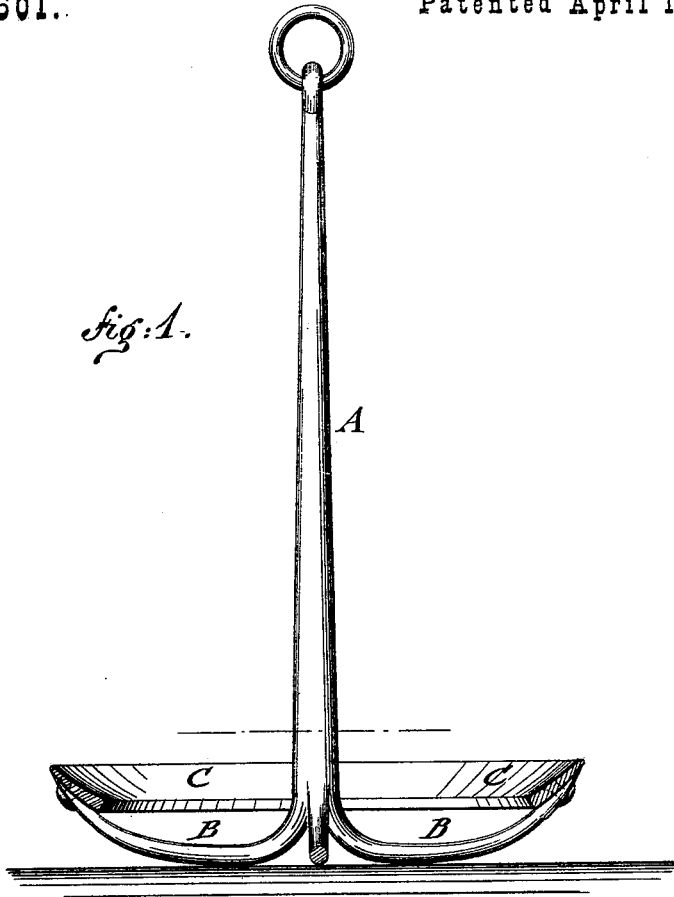
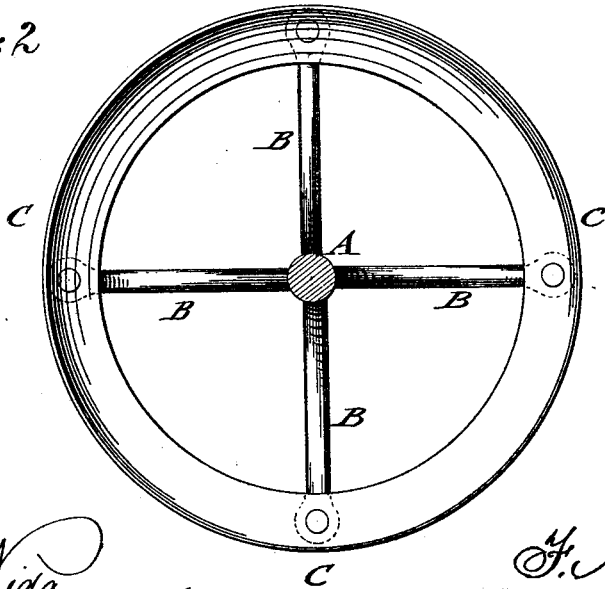


Fig: 2



WITNESSES:

Cres. Nida.
J. H. Scarborough.

INVENTOR:

F. A. Buck.
BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE

FISHER A. BUCK, OF EASTPORT, MAINE.

IMPROVEMENT IN ANCHORS.

Specification forming part of Letters Patent No. **189,601**, dated April 17, 1877; application filed March 19, 1877.

To all whom it may concern :

Be it known that I, FISHER A. BUCK, of Eastport, in the county of Washington and State of Maine, have invented a new and Improved Anchor, of which the following is a specification :

In the accompanying drawing, Figure 1 represents a sectional side elevation of my improved anchor; and Fig. 2, a top view of the same, partly in horizontal section on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide an improved anchor by which the fouling of the common anchors during changes of tide may be entirely avoided, and thereby the loss that is frequently caused to ships' nets, &c., dispensed with.

The invention consists of an anchor having curved radial arms connected at the ends by a ring-shaped fluke of proper taper and inclination.

In the drawing, A represents the shank, and B the arms that branch out radially therefrom, being curved upward at the ends, and provided with an inclined and tapering fluke, C, of circular shape, that is riveted, or otherwise securely fastened, to the ends of the arms B.

The circular fluke C may be made of suitable width, so as to impart to the anchor a

greater holding surface and power of resistance as possessed by the old style of anchor of the same weight, or by the so-called mushroom anchors, especially on soft bottoms, where these anchors will generally drag. The main advantage, however, of the circular fluke consists in the fact that it will prevent the fouling of the anchor, which forms a serious objection to the common anchor during changes of tide, as fouling causes the vessel to drag, and produces sometimes considerable loss by losing the anchors, or by setting anchored nets adrift, &c.

As this style of anchor requires no stock it is much easier handled, takes up less room, and can be made much lighter, with fully as great holding power. Its shape allows its freeing itself from a chain or rope under any circumstances, and avoids thereby the trouble frequently caused by the common anchor.

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

An anchor formed of a shank with radial branching and upwardly-curved arms, carrying at the outer ends an inclined and tapering fluke of circular shape, substantially in the manner set forth.

FISHER A. BUCK.

Witnesses:

N. B. NUTT,
E. S. MCGREGOR.