

No. 710,167.

Patented Sept. 30, 1902.

J. A. PETTES.

ANCHOR.

(Application filed Jan. 10, 1902.)

(No Model.)

FIG. 1.

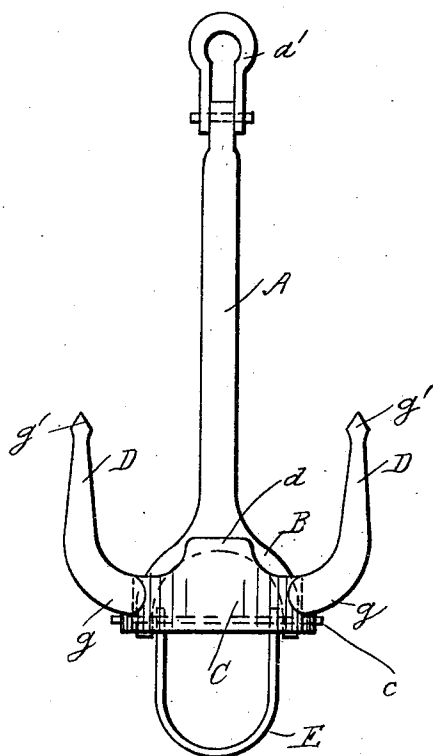


FIG. 3.

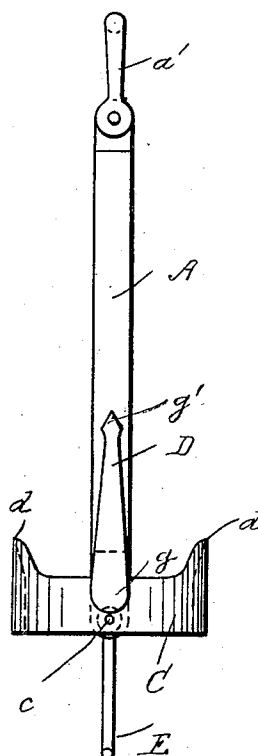
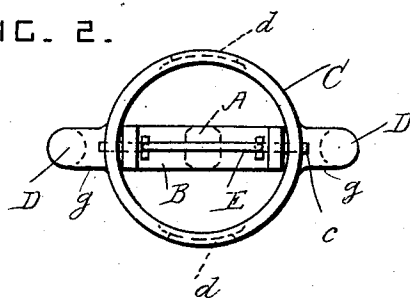


FIG. 2.



WITNESSES

A. G. Heyman,
Walter Allen

INVENTOR

James A. Pettes.
by Herbert W. Jenner.
Attorney

UNITED STATES PATENT OFFICE.

JAMES A. PETTES, OF GRAND MANAN, CANADA.

ANCHOR.

SPECIFICATION forming part of Letters Patent No. 710,167, dated September 30, 1902.

Application filed January 10, 1902. Serial No. 89,193. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. PETTES, a citizen of the United States, residing at Grand Manan, New Brunswick, Canada, have invented certain new and useful Improvements in Anchors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to anchors; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a front view of the anchor. Fig. 2 is a plan view from below. Fig. 3 is a side view of the anchor.

A is the shank of the anchor, and *a'* is a chain-shackle of approved construction pivoted to its upper end. The shank A has a forked portion B at its lower end, and C is a ring which encircles the portion B and is pivoted to it by a pin *c*. The ring C is provided with two flukes D, projecting upwardly from it above the ends of the pivot-pin *c* and arranged substantially parallel with each other. The flukes D have curved lower portions *g*, which project laterally from the sides of the

ring C and have barbed points *g'* at their upper ends. The ring C has also two scoop-shaped projections *d* on its upper edge between the flukes. These projections strike the shank when the ring is tilted on its pivot, and they limit the extent to which it can be tilted.

E is a shackle which is pivoted on the pin *c* between the forked portions at the lower end of the shank.

What I claim is—

In an anchor, the combination, with a shank, of a ring pivoted to the lower end of the shank and having scoop-shaped projections on its upper edge, and flukes having curved lower portions which project laterally from the sides of the said ring between the scoop-shaped projections, said flukes being arranged at a greater distance from the shank than the said projections and terminating in barbed points, substantially as described and shown.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES A. PETTES.

Witnesses:

ALICE J. MURRAY,
FREDK. K. DAGGETT.