

(No Model.)

L. H. RHOADES.

ANCHOR.

No. 270,484.

Patented Jan. 9, 1883.

Fig 1.

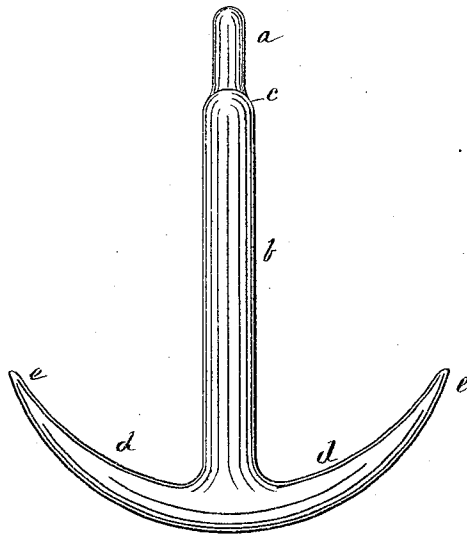
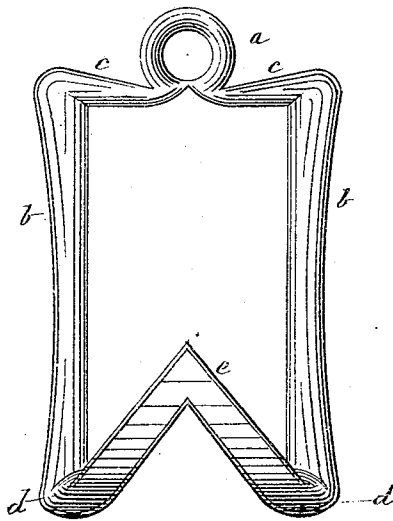


Fig 2



WITNESSES:

Chas. V. Howell.
C. Sedgwick

INVENTOR:

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BY *Mum & Co*

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UNITED STATES PATENT OFFICE.

LEWIS H. RHOADES, OF BAY CENTRE, WASHINGTON TERRITORY.

ANCHOR.

SPECIFICATION forming part of Letters Patent No. 270,484, dated January 9, 1883.

Application filed July 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, LEWIS H. RHOADES, of Bay Centre, in the county of Pacific and Territory of Washington, have invented a new and Improved Anchor, of which the following is a description.

My invention consists of making the shank of an anchor in two parallel members, dividing the flukes and connecting the flukes to the shanks by two arms, each of the said shanks being bent at right angles, or thereabout, at the upper ends, and connected to a single cable-ring located midway between the arms, as hereinafter described, whereby the anchor will have greater holding-power and will not be liable to foul.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side elevation of my improved anchor, and Fig. 2 is a side elevation taken at right angles to the plane of Fig. 1.

The eye *a* for the cable may be the same as in ordinary anchors; but directly below the eye the shank is divided into two members, *b*, which join to the ring *a* by elbows *c*, from which elbows the said two parts of the shank extend parallel, or thereabout, to each other a suitable length, and then join the arms *d*, to which the divided or branched flukes *e* are joined, as shown in Fig. 2, by the merging of the arms of each shank *b* in a point, *e*, thus making a simple but efficient arrangement in which the

elbows *c* and divided shanks *b* take the place of the ordinary stock. The flukes have equal or greater holding-power than the ordinary flukes without the use of so much metal, and the shanks also afford greater strength for a given amount of metal. The flukes, being double, hold almost as much as two ordinary anchors. Being made solid, or without any loose joints, there is no wear other than rust or the friction of the cable. There will be no fouling of the cable about the stock, as in ordinary anchors, one of the chief merits of this anchor being almost an impossibility to foul. It may in a calm or in an eddy current get all wound up in the cable; but when a breeze, a current, or any steady strain is brought to bear it will unwind and immediately take hold.

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

1. The improved anchor having the shank made in two parts, *b*, also having divided or branched flukes *e*, said shanks and flukes being connected by the arms *d*, which merge in points *e* and form the flukes, substantially as described.

2. The eye *a* for the cable, connected to the shank *b* by the elbows *c*, in combination with the divided or branched flukes *e* and connecting-arms *d*, substantially as described.

LEWIS HENRY RHOADES.

Witnesses:

LUCIUS A. RHOADES,
JOHN R. GOULTER.