P. Dinzey.

Anchors.

No. 55,593. Patented Jun. 12, 1866.

Fig: 3.

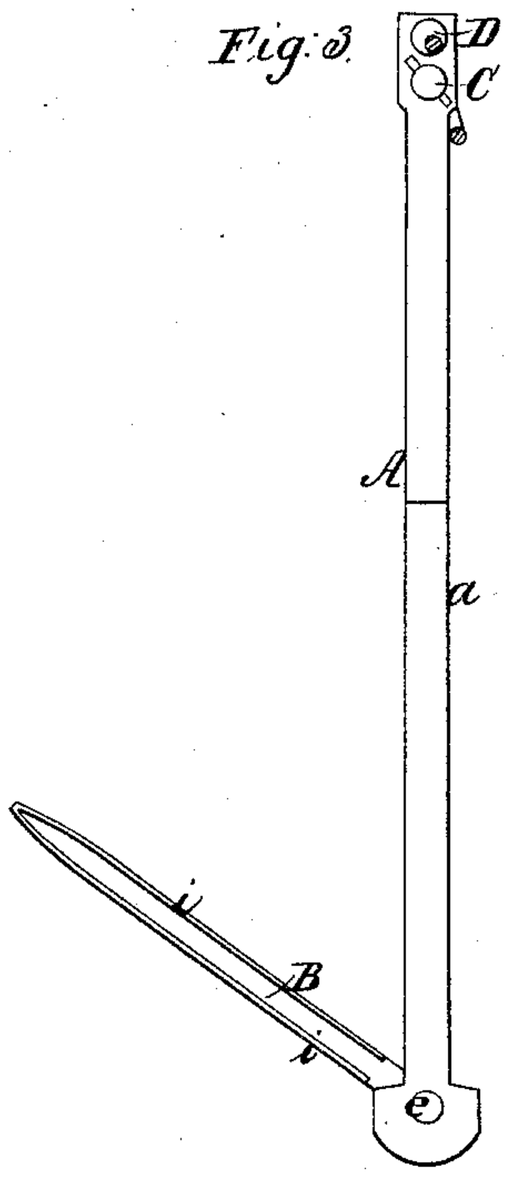


Fig: 4.

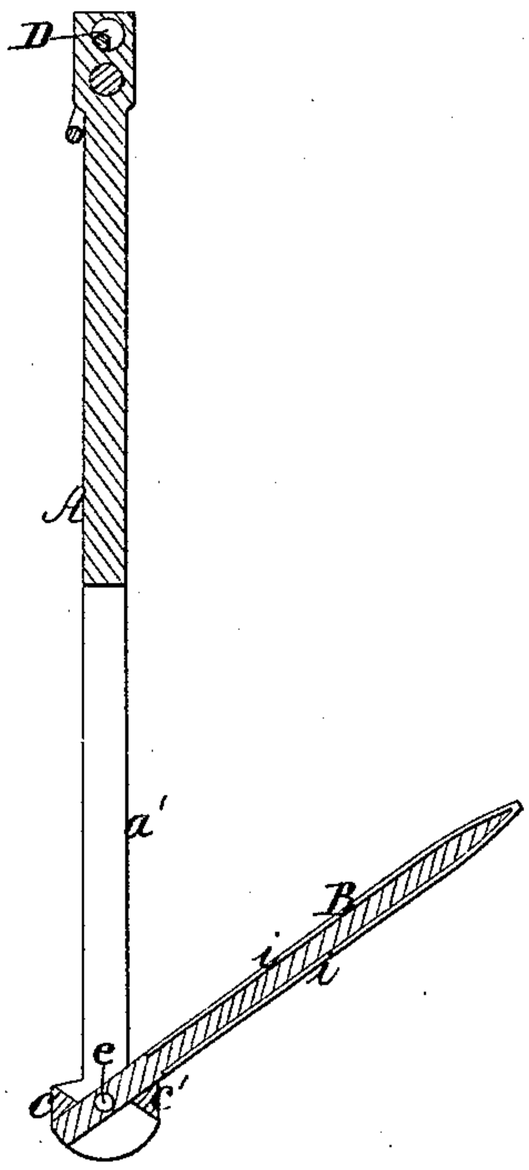


Fig: 1.

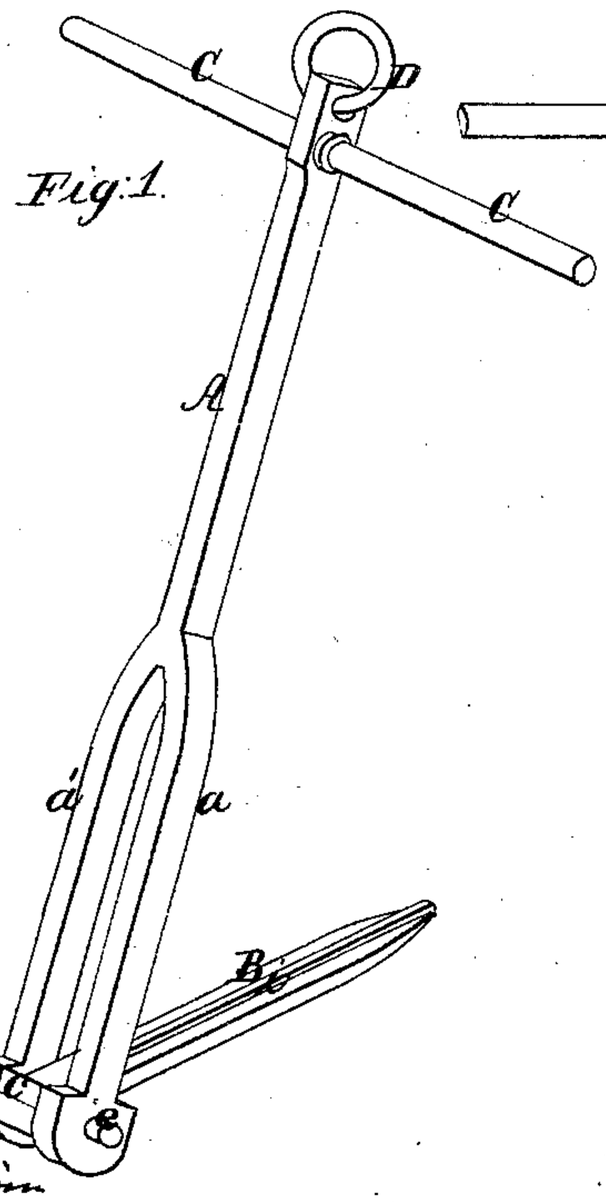
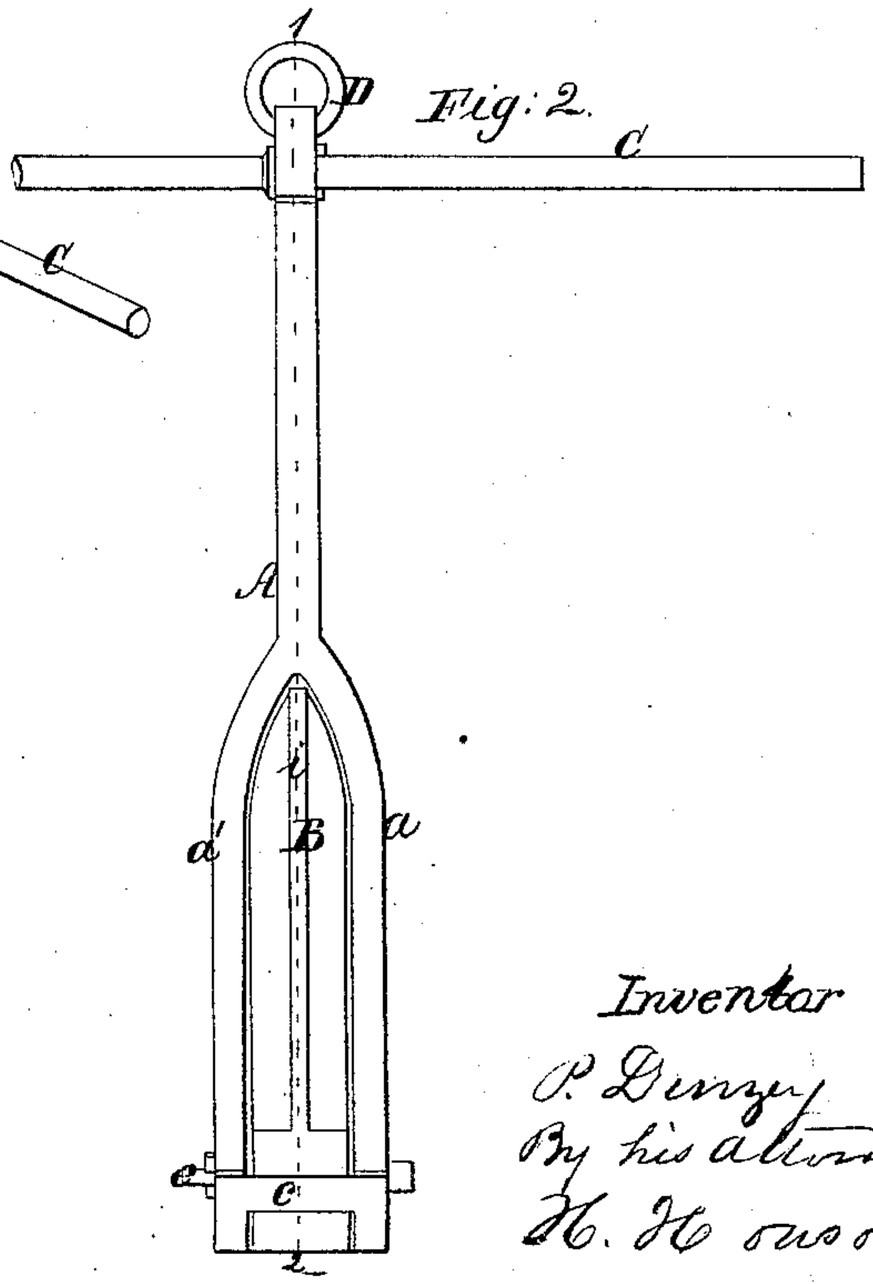


Fig: 2.



Witnesses
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S. C. Hodgkin Godwin

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UNITED STATES PATENT OFFICE.

PETER DINZEY, OF ST. BARTHOLOMEW, WEST INDIES.

IMPROVED ANCHOR.

Specification forming part of Letters Patent No. **55,593**, dated June 12, 1866.

To all whom it may concern:

Be it known that I, PETER DINZEY, of St. Bartholomew, West Indies, have invented certain Improvements in Anchors; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of an anchor having a movable fluke and a detachable stock, the whole being constructed and arranged as fully described hereinafter, so that the anchor may be packed into a much smaller space than anchors of the usual construction, and so that no excessive strain can be imparted to the bolt whereby the fluke is jointed to the shank.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a perspective view of my improved anchor, Figs. 2 and 3, side views, and Fig. 4, a sectional elevation on the line 1 2, Fig. 2.

A is the shank of the anchor, which is divided for about one-half its length into two arms or branches, *a* and *a'*. The lower ends of the branches *a a'* are connected by two cross-pieces, *c c'*, the inner sides of which are inclined, as shown in Fig. 4, and through both branches passes a bolt, *e*, to which is hung one end of an arm or fluke, B.

The fluke B is of such a form as to fit nicely between the branches *a a'*, and along the center of the fluke, at each side of the same, extends a rib, *i*.

Through the upper end of the shank passes the usual detachable stock or bar C, and at the end of the shank is the ring D, to which the end of the cable is attached.

When the anchor falls toward the bed of a river or harbor the stock C will insure its taking such a position that the point of the fluke B shall be introduced into the earth.

When the anchor is drawn forward the fluke B will be brought to the position shown in Figs. 1 and 4, when, as it strikes the cross-pieces *c c'*, its further movement will be arrested.

It will be seen that as the fluke B bears against the upper side of one cross-piece, *c*, and against the under side of the other, these two cross-pieces will sustain the entire strain resulting from any effort to drag forward the anchor when the fluke is buried in the earth, the necessity of using a heavy bolt, *e*, and the danger of bending or breaking the latter being thus avoided. It will also be seen that when the fluke is brought between the branches *a a'*, and the stock C is removed and laid parallel to the shank, the anchor may be packed into a much smaller space than anchors of the ordinary construction.

I claim as my invention and desire to secure by Letters Patent—

1. The shank A, with its branches *a a'*, in combination with the adjustable fluke B, the whole being constructed, and arranged substantially as and for the purpose specified.

2. The combination, with the above, of the cross-pieces *c c'*, for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PETER DINZEY.

Witnesses:

B. V. GUYER,

FREDERICK LAMBERT.