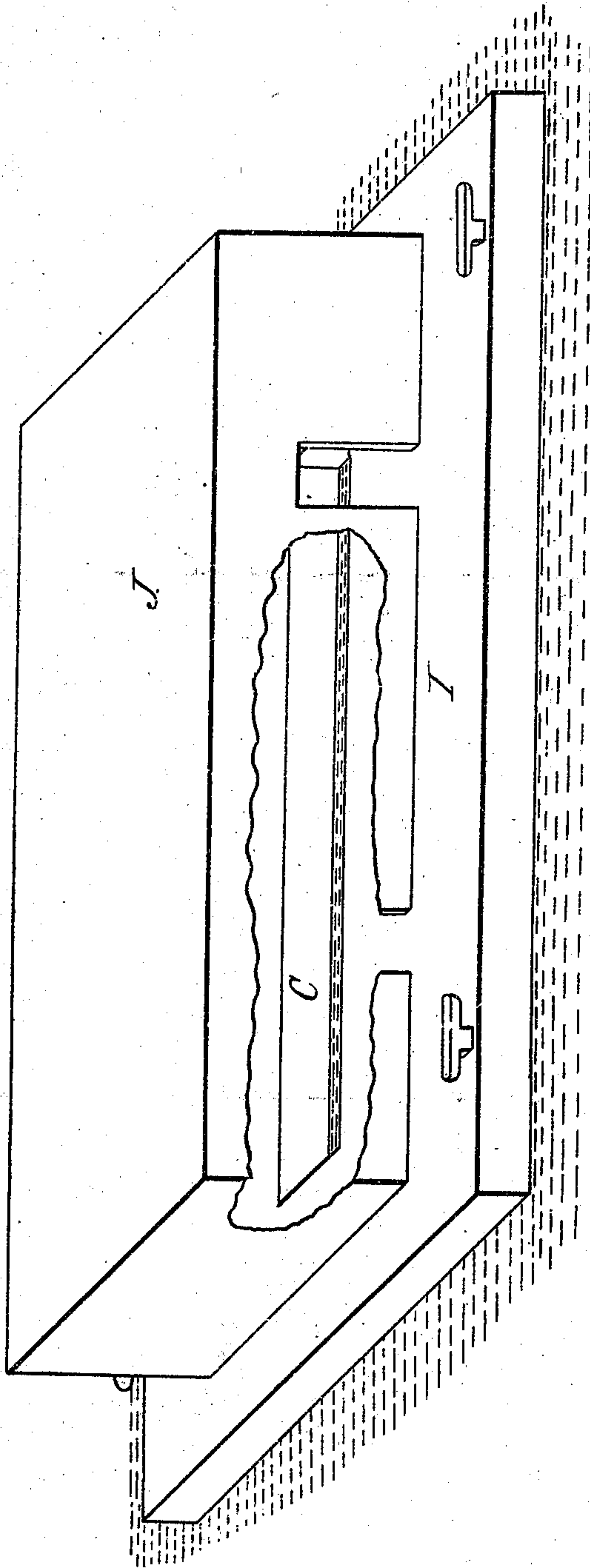


D. Quinn
Raft.

Nº 83,662.

Patented Nov. 3, 1868.



Witnesses:

G. L. Chapin
A. Maynard

Inventor:

David Quinn

United States Patent Office.

DAVID QUINN, OF CHICAGO, ILLINOIS.

Letters Patent No. 83,662, dated November 3, 1868.

IMPROVEMENT IN RAFTS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, DAVID QUINN, of Chicago, in the county of Cook, and State of Illinois, have invented a new and improved Marine Weather-Break; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings and letters marked thereon, making a part of this specification, in which—

Figure 1 is a perspective representation of my invention, with a portion of the covering broken away, to give a view of the inside.

This invention consists of a raft or boat, I, having an opening, C, in the centre, over which is placed an enclosure, house, box, or cabin, J, large enough for men to work in.

By this construction of raft or boat and enclosure, I shut out wind and waves, and thus preserve a smooth surface on the water within the enclosure, while waves and winds are beating around it, and at the same time, and by the same construction, I shut out the light from the enclosure, which places the workmen in it in a me-

dium darker than the water below them, and thus enable them to see down into the streams, lakes, bays, &c., in which they may be working.

In this exclusion of light, wind, and waves, by this construction and combination of raft or boat and enclosure, consists the novelty of this invention; consequently, the break, while it preserves these principles, may be of any shape, form, or size that may be desired for submarine work.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

A raft or boat, having an interior opening, in combination with a house, box, or cabin over it, whereby wind and waves are excluded from the surface of the water in the opening, and light excluded from the interior of the cabin, substantially as herein set forth.

DAVID QUINN.

Witnesses:

G. L. CHAPIN,
A. HAYWARD.