

W. H. PHILIP.

Improvement in Sectional Boats.

No. 130,240.

Patented Aug. 6, 1872.

Fig. 1.

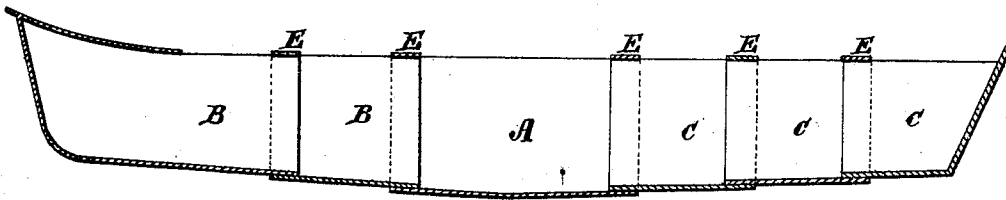
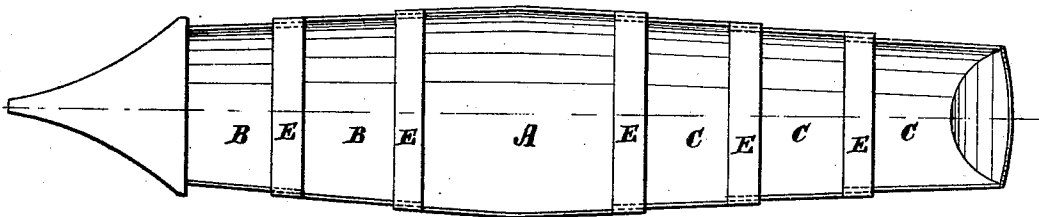


Fig. 2.



Witnesses:

A. Bennekenhoff.

W. A. Graham

Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM H. PHILIP, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SECTIONAL BOATS.

Specification forming part of Letters Patent No. 130,240, dated August 6, 1872.

Specification describing a new and useful Improvement in Boats, invented by WILLIAM H. PHILIP, of Brooklyn, in the county of Kings and State of New York.

My invention consists in the construction of small row or sail boats in short transverse sections, for extending and shortening in the lengthwise direction in the manner of a telescope, the said sections being so formed or tapered that in extending them to adjust the boat for use the inner ones bind in the outer ones so as to make water-tight joints, but besides so binding together they may also be fastened by bolts applied so as to be taken out when the boat is to be shortened up. The object is to provide boats for sportsmen, travelers, army purposes, and the like, that can be readily shortened up into a compact package for economizing space in storage or transportation.

Figure 1 is a longitudinal section of a sectional boat constructed according to my invention, and Fig. 2 is a plan view of the same.

Similar letters of reference indicate corresponding parts.

A represents the middle section, which is widest at the center and tapers toward each end. B represents the forward sections, and C the aft sections. These sections are to be

made of metal, and shaped with great care, the ends of each two that are to form a joint being on the same curved lines so as to match exactly. The said sections are also to comprise the complete portion or whole of the hull or shell of the boat within their length except the parts which lap.

To prevent the outer parts of the sections from spreading by the inner parts wedging them outward, cross-beams E of any suitable kind will be employed.

For very small boats I may have the largest section at the bow, and only have the shell extend or shorten up one way; but in this respect the boat may be arranged as preferred.

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

Boats made in sections, arranged for shortening up the hull by sliding in one another telescopically, and fitted to form water-tight joints when extended, substantially as specified.

WILLIAM H. PHILIP.

Witnesses:

T. B. MOSHER,
W. A. GRAHAM.