

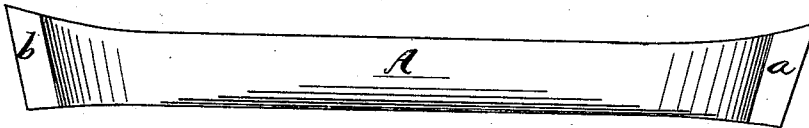
A. PITMAN.

BOATS.

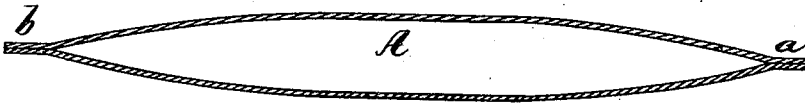
No. 177,153.

Patented May 9, 1876.

*Fig. 1.*



*Fig. 2.*



*Witnesses:*  
*Franklin Barritt*  
*Richard Gerner.*

*Inventor:*  
*Aaron Pitman.*  
*Per: Henry Gerner,*  
*Atty.*

# UNITED STATES PATENT OFFICE.

AARON PITMAN, OF MATAWAN, NEW JERSEY.

## IMPROVEMENT IN BOATS.

Specification forming part of Letters Patent No. **177,153**, dated May 9, 1876; application filed December 17, 1875.

*To all whom it may concern :*

Be it known that I, AARON PITMAN, of Matawan, county of Monmouth, State of New Jersey, have invented certain Improvements in Boats, of which the following is a specification:

The object of my invention is to provide for the construction of boats and vessels of celluloid. Such boats or vessels are easily built, and are lighter and stronger than those built of wood or metal.

My invention consists in building up the shell of a boat or vessel by using boards, plates, or whole sheets of celluloid. Such boards, plates, or sheets made of celluloid are cut into the required shape for forming the shell of a boat or vessel, and are then placed over the ribs or the skeleton, to which they are fastened by aid of a paste made of celluloid, which paste is obtained by dissolving celluloid in naphtha or spirits of wine. The celluloid boards, plates, or sheets are fastened to each other by aid of the same paste. All connections formed by this paste between the parts of celluloid, as well as between wood or metal and celluloid, are just as strong as the

celluloid itself, and adhere together with the same tenacity.

In order to describe my invention more fully I refer to the accompanying drawing, forming a part of this specification.

Figure I is a side view of a boat embodying my invention. Fig. II is a plan view of the same.

A represents a sheet of celluloid forming the outside shell of a boat. The stem *a* and stern *b* are formed by cuts made through the sheet of celluloid, and the ends of these cuts are placed parallel to each other, and fastened together by aid of the aforementioned paste.

Having thus described my invention, I desire to claim—

As a new article of manufacture, a seamless boat or vessel formed of celluloid, substantially as described.

This specification signed this 11th day of December, 1875.

A. PITMAN.

Witnesses:

ANTON C. CRONDAL,  
FRANKLIN BARRITT.