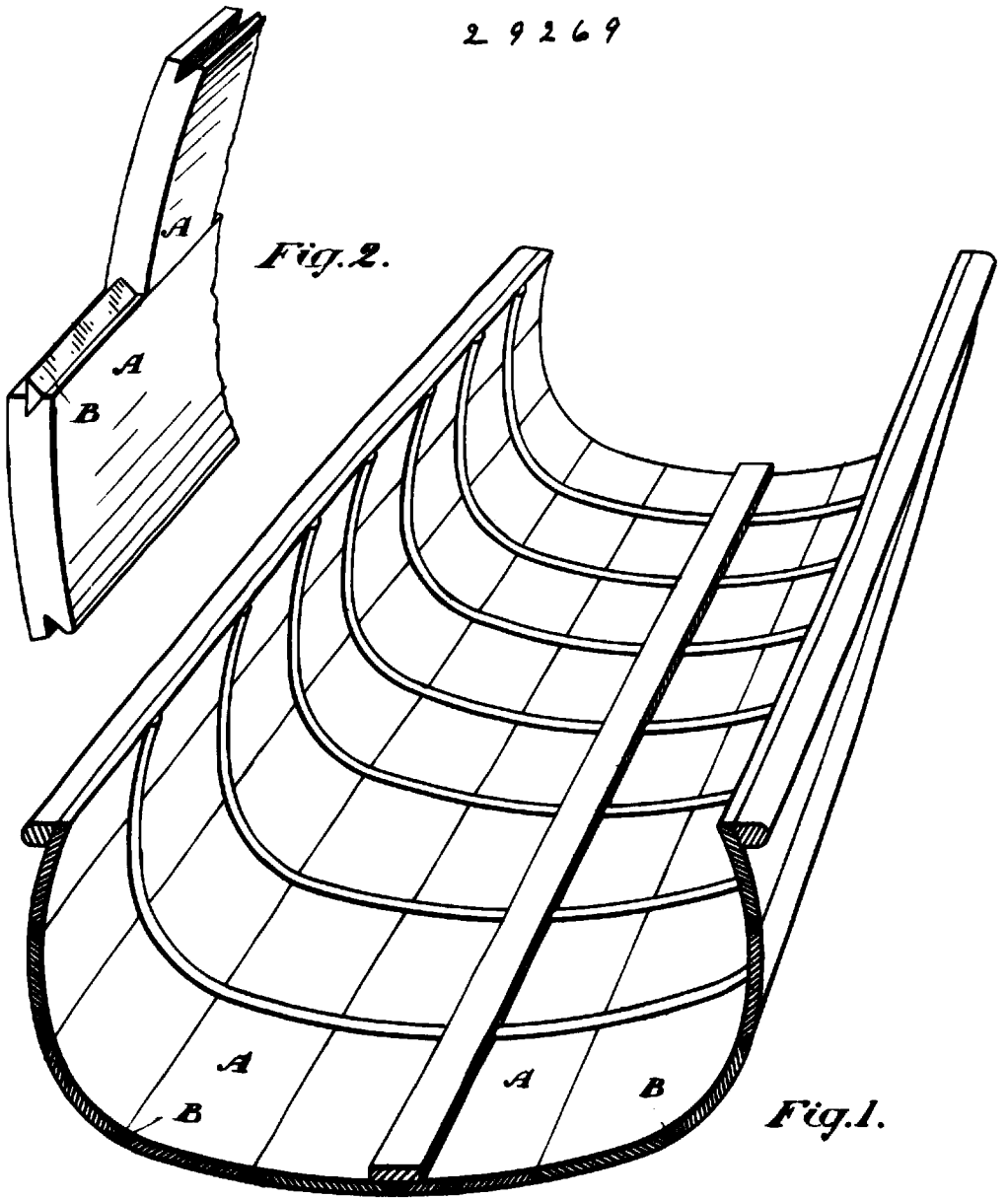


29269



Corrected to be the drawings referred to in the specification hereto annexed.

Witnesses.

J. Edw. Mayne  
 J. M. Jackson

Inventor:

Wm English  
 by J. M. Jackson

Toronto May 18<sup>th</sup> 1888.

TO ALL WHOM IT MAY CONCERN:-

Be it known that I, William English, of the Town of Peterborough, in the County of Peterborough, in the Province of Ontario, Canada, Boat Builder, have invented a certain new and useful Improvement in the Manufacture of Canoes; of which the following is a specification.

The object of the invention is to dispense with the battens and form a strong and water-tight joint between the ~~strips~~ longitudinal strips of the canoes; and it consists, essentially, in forming a groove on the edge of each strip, the said groove corresponding with and located opposite to the groove formed in the strip next to it, so that a piece of wood which has been previously compressed may be inserted into the grooves and

thus bind together the strips forming the body of the canoe, substantially in the manner hereinafter more particularly explained.

Figure 1, is a perspective sectional view of a canoe constructed in accordance with my invention.

Fig. 2, is an enlarged detail of my improved joint.

In the drawing, A, represents the strips forming the body of the canoe. On the edge of each strip I cut a groove, preferably V-shape as shown in Fig. 2, so that a triangular piece of wood, like B, may be inserted into the grooves made in each strip, A, as indicated. Before inserting the piece of wood, B, into the groove, as shown, I pass it between rollers, or compress it in a die, so that when it is inserted into the groove shown, all its fibres will be compressed as tightly together as possible, consequently when placed in the water the moisture will cause the piece of wood, B, to swell and form a tight and solid joint between each of the strips, A, thus connected together.

I do not confine myself to the exact shape of the piece of wood, B, but I think it will be found to be the best shape, as the groove necessary to receive it will weaken the strips, A, much less than it would if the piece of wood, B, were made rectangular in form.

WHAT I CLAIM as my invention is :-

1. The combination, with the strips , A , forming the body of the canoe, of pieces of compressed wood , B , inserted into grooves formed in the edge of each strip, substantially as and for the purpose specified.

*Wm English*

Toronto, May 18<sup>th</sup> 1868.

Signed in the presence of:-

*Charles B. Baldwin*  
*Chas. Hiches*