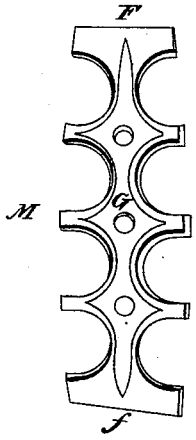
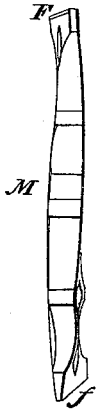
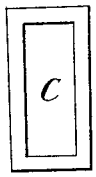
C. Prudden,

Bending Wood.

No. 54,012. Patented Apr. 17, 1866.







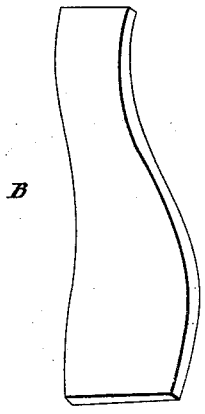
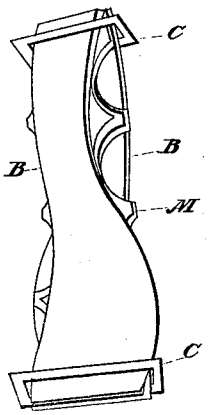


Fig. A



Witnesses:
P. Newton Pierce.
J. D. Hedden

Inventor:
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UNITED STATES PATENT OFFICE.

CONDIT PRUDDEN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN WOOD-BENDING MACHINES.

Specification forming part of Letters Patent No. **54,012**, dated April 17, 1866.

To all whom it may concern:

Be it known that I, CONDIT PRUDDEN, of Philadelphia, in the county of Philadelphia, in the State of Pennsylvania, have invented a new and Improved Method of Molding, Bending, or Shaping Saddle-Tree Bars; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention is in the construction, form, and use of an original bar-mold with iron clamps to hold the strips of wood intended for saddle-tree bars firmly in their place upon the bar-mold until they are sufficiently molded or bent.

To enable others skilled in the art to make use of my invention, I will proceed to describe its construction and use.

I construct a mold, of iron or other metal or any hard material, of the form as shown at M, with the faces F and *f* at an angle of about thirty degrees, with grooves, as at G, to allow free access of air to aid in drying.

C C represent the iron clamps to fasten the strips for saddle-tree bars upon the mold.

B represents the usual shape of a strip of board before being bent or molded into a saddle-tree bar.

I take two strips or pieces of board, B B, after they have been well steamed, and place one on each side of the bar-mold M, then press the ends together and fasten them closely by means of the clamps C C, in manner as represented at Figure A, leaving them in this manner until well dried, and when removed they are saddle-tree bars of the form desired.

What I claim as my invention is—

So constructing the former (the bar-mold M) that two pieces, B, can be bent in the proper shape at the same time upon opposite sides of the former and held in contact by the clamps, substantially as described.

C. PRUDDEN.

Witnesses:

I. NEWTON PEIRCE,

M. SLOANAKER.