(No Model.)

W. E. BROCK.

VENEERED LUMBER.

No. 444,042. Patented Jan. 6, 1891.

Fig. I.

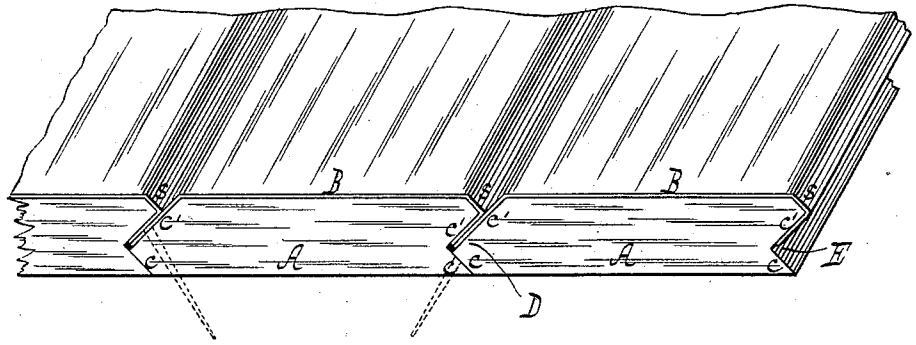
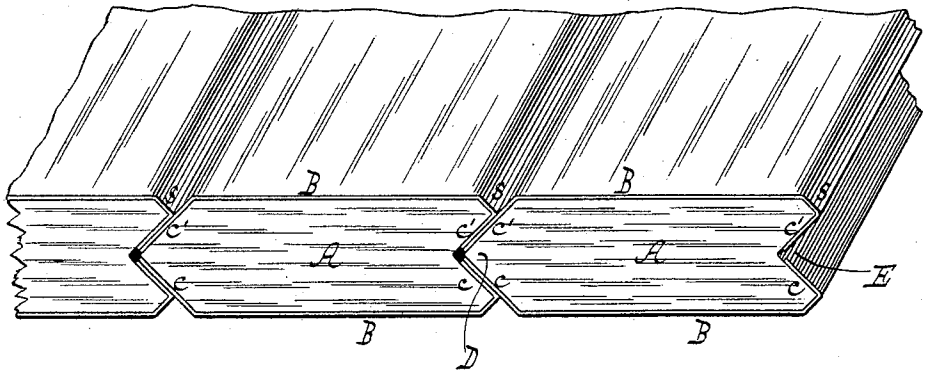


Fig. II.



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WILLIAM E. BROCK, OF PLAINFIELD, NEW JERSEY.

VENEERED LUMBER.

SPECIFICATION forming part of Letters Patent No. 444,042, dated January 6, 1891.

Application filed April 3, 1890. Serial No. 346,405. (No specimens.)

To all whom it may concern:

Be it known that I, WILLIAM E. BROCK, a citizen of the United States, and a resident of Plainfield, in the county of Somerset and State of New Jersey, have invented certain new and useful Improvements in Veneered Lumber, of which the following is a specification.

My invention relates to the construction of planks or boards for wainscoting, partitioning, and other similar purposes with veneers upon one or both surfaces thereof, the edges of which veneers are adjusted to enter the joints between the boards when the latter are united for hiding and protecting such edges of the veneers.

My invention consists in a certain novel form of joint, as hereinafter fully described, whereby the adjustment of the veneers upon the boards is simplified and improved, and the boards may be united not only with comparative ease and facility, but with superior effect.

In the accompanying drawings, Figure I represents an end perspective view of fragments of boards for wainscoting embodying my invention. Fig. II represents a like view of fragments of boards for partitioning embodying my invention.

Similar letters of reference indicate similar parts.

The letter A indicates the body of the respective boards, and B the veneers thereupon, usually composed of wood. Referring to Figs. I and II, each of the boards A is inclined at both edges in parallel planes from both surfaces thereof—that is to say, both edges are inclined in two opposite directions *c c'*, and those portions of said edges adjoining the respective surfaces of the boards are parallel—the effect being to form an angular projection D at one edge and a corresponding recess E at the other edge of said board.

The veneers B are applied to one surface of the boards A, as in Fig. I, or to both surfaces thereof, as in Fig. II, according to the purpose for which the boards are to be used, and the edges of the veneers are folded and secured, as by means of glue, upon parallel portions *c c* or *c' c'* of said inclined edges of the boards, causing said edges of the veneers to lie in direct contact with each other when the boards are put together.

When the boards are to be united, the angular projections D are simply forced into the angular recesses E, as shown, whereby the boards are made to overlap each other at one edge, such lap being double or at both surfaces of the boards. The joint thus formed between the boards is in the nature of a rabbet joint, and by its means the boards A may be very readily united, since it is only necessary to overlap the proper parts, while it also facilitates the required adjustment of the veneers upon the boards in manufacture as compared with the tongue and groove, and insures a firm and durable attachment of the veneers.

Another advantage of my invention is that the boards may shrink without showing a bare or open joint.

In order to enhance the appearance of the joint between the boards, each is chamfered at one edge, as at *s*, thereby producing in the surface or surfaces of the assembled boards a series of parallel grooves, as shown.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of boards, each having both of its edges inclined in parallel planes from both surfaces thereof to form at such edges respectively an angular projection and corresponding recess, and having a veneer upon one or both surfaces thereof, the edges of which veneer are folded and secured upon parallel portions of said inclined edges of the boards, substantially as and for the purpose described.

WILLIAM E. BROCK.

Witnesses:
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