

S. P. GROOOCK.
Clamp for Glueing Parquetry.

No. 206,233.

Patented July 23, 1878.

Fig. 1

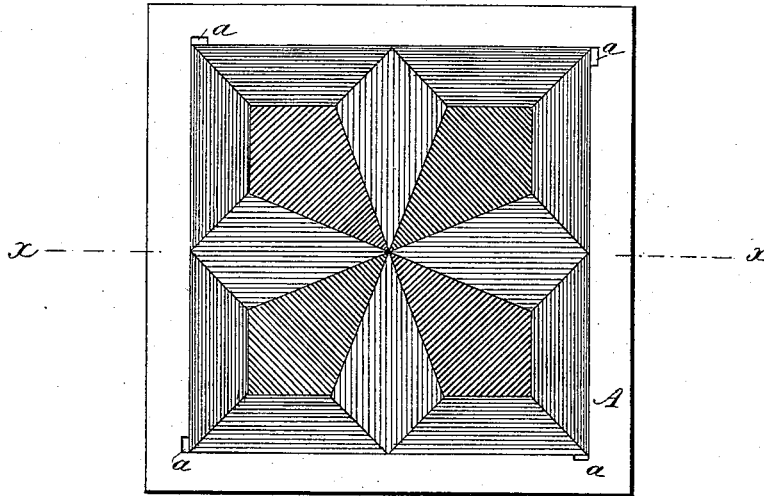


Fig. 2

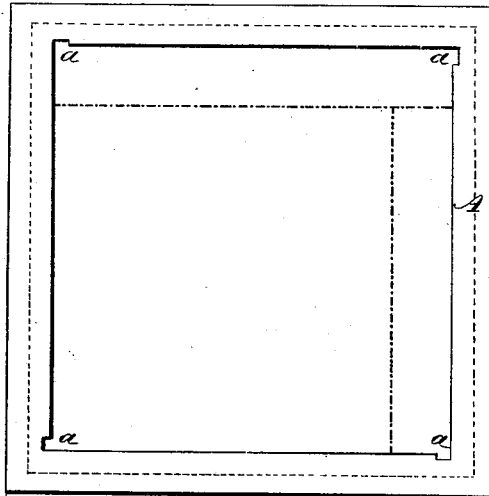


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN CLAMPS FOR GLUING PARQUETRY.

Specification forming part of Letters Patent No. **206,233**, dated July 23, 1878; application filed January 31, 1878.

To all whom it may concern:

Be it known that I, SAMUEL P. GROOOCK, of the city, county, and State of New York, have invented a new and Improved Process and Apparatus for Gluing Tesselated Wood Floor-Sections, of which the following is a specification:

Figure 1 is a plan view of my improved apparatus containing a floor-section. Fig. 2 is a detail view of the apparatus. Fig. 3 is a transverse section taken on line *xx* in Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to the manufacture of sections of tesselated wood flooring; and it consists in an iron frame which is truly rectangular, and into which the several blocks composing the floor-section are fitted prior to gluing, the blocks being then removed and coated upon the edges with glue, and replaced in the frame, there to remain until dry.

The object of the invention is to confine the blocks so as to prevent the opening of the joints and the distortion of the section by the swelling of the wood by the absorption of moisture from the glue.

In carrying out my invention, I provide an iron frame, A, which is truly rectangular inside, and for general use is twenty-four inches square, inside measurement, and is about two and one-half inches wide and one inch thick.

The outer edge is rabbeted from the under side to lighten it and to render it more convenient to handle.

A notch, *a*, is made in the inner edge of every side of the frame, at the corners, to receive a tool for removing the blocks from the frame after they are fitted.

The frame A is placed on a perfectly plane iron table, and the blocks composing the floor-section are accurately fitted to each other and to the frame. After being thus fitted they are removed from the frame, and their edges are coated with glue, when they are replaced in the frame and permitted to remain until they become dry, the frame being removed to a dry place and placed upon its edge to facilitate the drying process.

As the drying is from both sides of the section, warping and twisting are avoided, and the rigid confinement of the section in the iron frame prevents expansion or distortion and insures a perfect joint.

As soon as the sections become thoroughly dry they are easily removed from the frame, and are ready to be grooved for receiving the binding-strips, by which the parts of the block are further secured together.

When it is desired to employ the frame A for the manufacture of smaller sections than would fill it, filling-pieces, which are shown in dotted lines, are used to reduce the size of the frame.

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

The drying-frame A for wooden block sections, provided with the notch *a* at one or more of the corners, as and for the purpose specified.

SAMUEL P. GROOOCK.

Witnesses:

GEO. M. HOPKINS,
C. SEDGWICK.