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J. H. SKINNER ET AL

MANUFACTURE OF PARQUETRY AND WOOD MOSAIC

Filed Sept. 20, 1923

Fig.1.

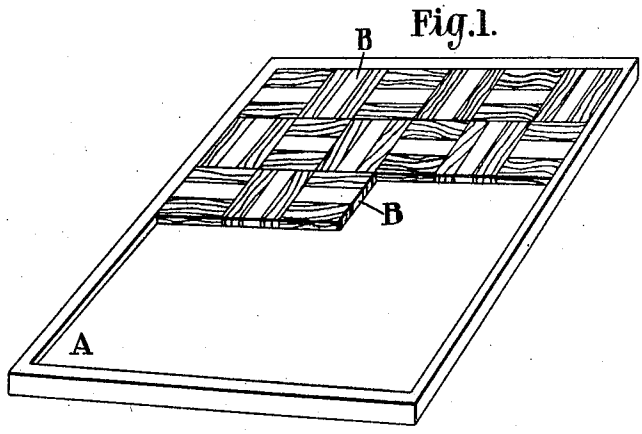
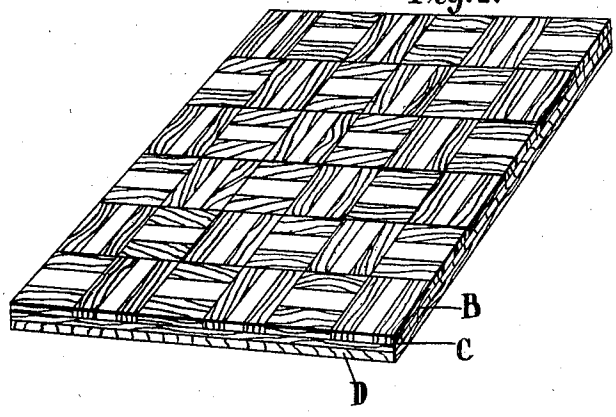


Fig.2.



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UNITED STATES PATENT OFFICE.

JOHN HENRY SKINNER AND FREDERICK CHARLES ROSS, OF DURBAN, NATAL, SOUTH AFRICA.

MANUFACTURE OF PARQUETRY AND WOOD MOSAIC.

Application filed September 20, 1923. Serial No. 663,853.

To all whom it may concern:

Be it known that we, JOHN HENRY SKINNER and FREDERICK CHARLES ROSS, both citizens of the Union of South Africa, residing at 205 Lambert Road, Durban, and 74 Florida Road, Durban, respectively, in the county of Durban and Province of Natal, Union of South Africa, both British subjects, have invented a new and useful Improvement in the Manufacture of Parquetry and Wood Mosaic, of which the following is a specification.

This invention relates to the manufacture of parquetry and wood mosaic.

The usual method of laying parquetry or wood mosaic on floors consists in coating the existing floor with glue, pitch or other adhesive material and to lay each piece of parquetry or mosaic separately in position according to the design. The surface is then cleaned and levelled and if desired varnished. This process is very slow and expensive.

It is the object of the present invention to arrange the parquetry or mosaic in the form of sheets which are adapted to be suitably secured to the existing floor.

According to the present invention the parquetry or mosaic is placed face downwards into a suitable tray and then receives a backing preferably in the form of a thin sheet of wood coated on both sides with an adhesive material so as to cause it to adhere to the parquetry or mosaic. A second sheet of thin wood may then be placed on the first sheet of wood but with the grain running at right angles to the grain in the first sheet.

In the accompanying drawing is shown by way of example, one form of construction for carrying the invention into effect.

Figure 1 is a perspective view of a tray for the reception of the parquetry blocks, and

Figure 2 is a perspective view of a finished sheet of parquetry.

In carrying the invention into effect a shallow tray A is employed of which the inside dimensions correspond to the outside dimensions of the sheet of parquetry or mosaic which it is desired to form.

Into this tray are then fitted, face downwards the parquetry or mosaic blocks B which have been previously cut or shaped to the required dimensions for the purpose of the design required. A thin sheet of wood C of the size of the finished sheet of parquetry or mosaic to be obtained is then covered on both sides with a layer of glue or other suitable adhesive and laid on the parquetry or mosaic. Another sheet of wood D with the grain running at right angles to the first sheet is placed on the sheet C and the whole is then subjected to pressure until the adhesive has set or dried. The two sheets of wood together with the parquetry or mosaic thus form a completed sheet of parquetry or mosaic.

The completed sheet is then removed from the tray and passed through a sand papering machine and if desired may have a coat of varnish or polish applied to the face of the parquetry or mosaic. Any number of these sheets may then be placed side by side on the existing floor and secured thereto in any suitable manner such as by means of nails or glue. In this manner the labour involved in laying the parquetry or mosaic on a floor is reduced to a minimum and at the same time gives a better result in less time and at a greatly reduced cost. Moreover, when the sheets are varnished or polished before being placed on the floor no further finishing thereof will be necessary.

It will of course be understood that the sheets of parquetry or mosaic may also be applied to furniture, wall and other panelling and doors, the sheet being made to the required size to suit the particular purpose for which it is to be applied.

Having now particularly described and ascertained the nature of our invention and in what manner the same is to be performed, we declare that what we claim is:—

1. An improved method of forming parquetry and mosaic sheets consisting in placing a plurality of blocks to form the sheet face downwards into a tray of which the inside dimensions correspond with the outside dimensions of the finished sheet to be obtained, then applying a thin sheet of wood of the size of the finished sheet and coated on both sides with an adhesive to the rear face of the assembled blocks, then placing a second sheet of thin wood on the first sheet of wood, the grain in one sheet of wood running at right angles to the

grain in the other sheet of wood, and then subjecting the whole to pressure.

2. As an article of manufacture a parquetry sheet consisting of a plurality of parquetry blocks assembled and mounted on a permanent backing consisting of two thin sheets of wood glued together and to the assembled blocks, the grains in the two pieces of wood running substantially at right angles to each other.

Dated this 21st day of August, 1923.

JOHN HENRY SKINNER.
FREDERICK CHARLES ROSS.