June 13, 1939. H. R. DINSMORE 2,162,610

METHOD OF FORMING MOSAIC OR MARQUETRY DESIGNS

Filed May 27, 1938

Fig. 1.

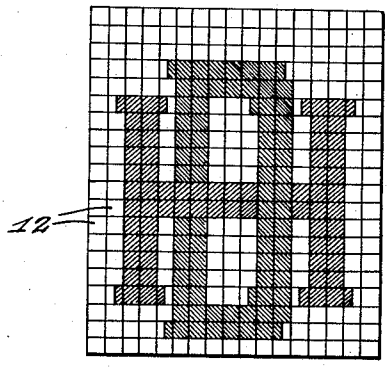


Fig. 2.

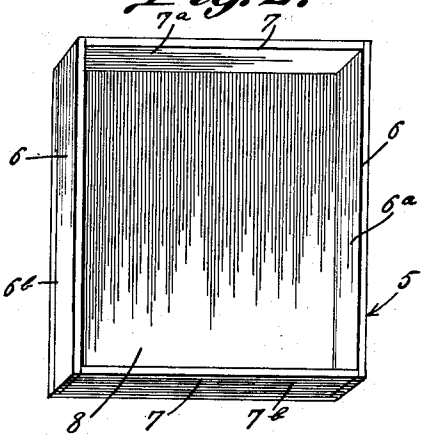


Fig. 5



Fig. 6.



Fig. 7.

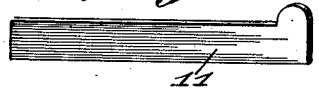


Fig. 3.

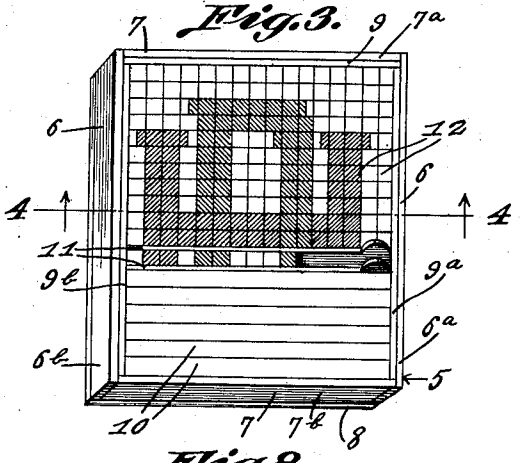


Fig. 9. Fig. 10.



Fig. 8.

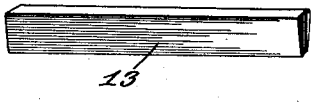
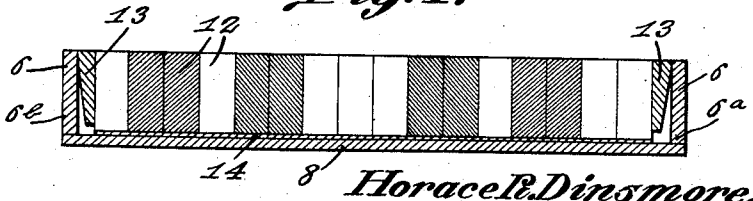


Fig. 4.



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METHOD OF FORMING MOSAIC OR MARQUETRY DESIGNS

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Application May 27, 1938, Serial No. 210,541

6 Claims. (Cl. 41—23)

My invention relates to a method of forming mosaic or marquetry designs.

One of the principal objects of my invention is to provide a simple and efficient method by which mosaic or marquetry designs can be created by persons unskilled or skilled in the art.

Another object of my invention is to provide a simple and efficient method of forming mosaic or marquetry designs in furniture, walls and other like structures.

Another object of my invention is to provide a method of the above described character wherein the tesserae making up the mosaic or marquetry is assembled in a progressive predetermined order.

A further object of my invention is to provide a method of the class described wherein the tesserae are reliably secured together and polished to present a neat, uniform and pleasing appearance.

Other objects and advantages will be apparent from the following description, appended claims and annexed drawing.

Referring to the drawing wherein like reference characters designate like parts throughout the several views:

Figure 1 is a top plan view of a mosaic or marquetry constructed in accordance with my invention.

Figure 2 is a perspective view of a chase in which the tesserae are assembled in a predetermined progressive order.

Figure 3 is a perspective view of the chase illustrating a plurality of tesserae therein forming part of the design illustrated in Figure 1.

Figure 4 is a sectional view taken on the line 4—4 of Figure 3 and illustrating the complete design.

Figure 5 is a perspective view of one of the furniture pieces employed.

Figure 6 is a perspective view of one of the liners.

Figure 7 is a perspective view of one of the separators.

Figure 8 is a perspective view of one of the quoins.

Figures 9 and 10 are perspective views of a pair of tesserae of different sizes.

In teaching my invention I employ a chase 5 which, while illustrated in the drawing as a frame, may be an article of furniture, a floor, wall of the like having a recess formed therein. The chase 5 is fashioned with pairs of side and end walls 6 and 7 respectively and for the purpose of description only, the side walls comprise right and left walls 6a and 6b respectively and the end walls upper and lower walls 7a and 7b respectively.

Said chase is fashioned with a detachable bottom 8.

In carrying forth my method of forming a mosaic having a desired design, I juxtaposition a tierce of liners 9, 9a and 9b against the top end and right and left side walls 7a, 6a and 6b respectively and position between the liners 9a and 9b rows of elongated furniture pieces 10. The uppermost three furniture pieces are spaced a sufficient distance apart to permit insertion of a pair of separators 11. One of the separators 11 is inserted between the uppermost furniture piece 10 and the adjacent furniture piece. The other separator 11 is inserted between the second and third uppermost furniture pieces.

When the parts are thus positioned, the furniture piece between the liner 9 and separator 11 is removed and a plurality of tesserae 12 are inserted between the liner 9 and the uppermost separator 11 to form a longitudinally extending row between the liners 9a and 9b, it being understood that the tesserae may be of different colors and thereby form the topmost row in a predetermined design.

When the initial or topmost row of tesserae are thus positioned, the then topmost furniture piece is removed to provide a betweenity for accommodating the second row of tesserae. After the second row of tesserae has been formed in the betweenity the topmost separator is removed and inserted between the then pair of topmost furniture pieces and the topmost of said pair of furniture pieces is then removed to again provide a betweenity for accommodating the next row of tesserae. This operation is then repeated until the last or lowermost furniture piece is removed and a row of tesserae inserted in lieu thereof.

The tesserae may be of varying widths in plan as illustrated in Figures 1, 3, 9 and 10 whereby to more clearly define the design, it being understood that the tesserae are worked into the rows according to the colors of each tessera as clearly illustrated in Figures 1 and 3. When the design is thus completed, the liners 9, 9a and 9b and separators 11 are removed and a tierce of quoins 13 inserted in lieu thereof to maintain the tesserae in wedged condition between the walls of the chase as illustrated in Figure 4 of the drawing. When the rows of tesserae are thus wedged within the chase, the latter is inverted and the bottom 8 removed. When the bottom 8 is re-

moved the bottoms of the tesserae are treated with a cement, glue or the like 14 and the bottom again attached to the chase. In this condition, the upper faces of the tesserae are sand-papered or otherwise polished to present an even plane face on the mosaic and said face is then varnished or otherwise treated to lend lustre or a scintillating effect thereto.

While I have illustrated and described my invention in connection with forming mosaic designs with tesserae, it is to be distinctly understood that tiles or the like may be employed without departing from the spirit of the invention or scope of the appended claims.

What I claim is:

1. A method of the class described, consisting of positioning furniture pieces between the walls of a chase, inserting a separator between one of the end furniture pieces and the remaining furniture pieces, removing the end furniture piece to provide a channel between said separator and said chase, assembling a row of tesserae in said channel to form part of a design, inserting another separator between a pair of furniture pieces immediately following the line of assembled tesserae, removing the furniture piece embraced by said separators to provide a channel, assembling a line of tesserae in said channel, thereafter progressively removing said furniture pieces from between said separators alternately transposed, and assembling rows of tesserae in each of the channels in progressive order to complete said design.

2. A method of the class described, consisting of positioning liners against the walls of a chase, positioning rows of furniture pieces between said liners, inserting separators on each side of one of the furniture pieces, removing the end furniture piece to form a channel between one of said separators and one of said liners, assembling a row of tesserae forming a part of a design in said channel, removing the furniture piece from between the separators, assembling another row of tesserae in the channel thus provided, removing one of said separators from between the two lines of tesserae assembled and inserting the same between the next pair of said furniture pieces, thereafter progressively removing said furniture pieces embraced by said separators alternately transposed and assembling rows of tesserae in each of the channels in progressive order to complete said design.

3. A method of the class described, consisting of positioning liners against the walls of a chase, positioning rows of furniture pieces between said liners, inserting separators on each side of one of the furniture pieces, removing the end furniture piece to form a channel between one of said separators and one of said liners, assembling a row of tesserae forming a part of a design in said channel, removing the furniture piece from between the separators, assembling another row of tesserae in the channel thus provided, removing one of said separators from between the two lines of tesserae assembled and inserting the same between the next pair of said furniture pieces, thereafter progressively removing said furniture pieces embraced by said separators alternately transposed and assembling rows of tesserae in each of the channels in progressive order to complete said design, removing said liners upon completion of said rows of tesserae, and inserting quoins between said walls and said rows of tesserae to secure the latter clamped between said walls.

4. A method of the class described, consisting of positioning liners against the walls of a chase, positioning rows of furniture pieces between said liners, inserting separators on each side of one of the furniture pieces, removing the end furniture piece to form a channel between one of said separators and one of said liners, assembling a row of tesserae forming a part of a design in said channel, removing the furniture piece from between the separators, assembling another row of tesserae in the channel thus provided, removing one of said separators from between the two lines of tesserae assembled and inserting the same between the next pair of said furniture pieces, thereafter progressively removing said furniture pieces embraced by said separators alternately transposed and assembling rows of tesserae in each of the channels in progressive order to complete said design, removing said liners upon completion of said rows of tesserae, inserting quoins between said walls and said rows of tesserae to secure the latter clamped between said walls, and securing the bottom faces of said tesserae to the bottom of said chase.

5. A method of the class described, consisting of positioning liners against the walls of a chase, positioning rows of furniture pieces between said liners, inserting separators on each side of one of the furniture pieces, removing the end furniture piece to form a channel between one of said separators and one of said liners, assembling a row of tesserae forming a part of a design in said channel, removing the furniture piece from between said separators, assembling another row of tesserae in the channel thus provided, removing one of said separators from between the two lines of tesserae assembled and inserting the same between the next pair of said furniture pieces, thereafter progressively removing said furniture pieces embraced by said separators alternately transposed and assembling rows of tesserae in each of the channels in progressive order to complete said design, removing said liners upon completion of said rows of tesserae, inserting quoins between said walls and said rows of tesserae to secure the latter clamped between said walls, securing the bottom faces of said tesserae to the bottom of said chase, and polishing the upper faces of said tesserae.

6. A method of forming a design in tesserae, consisting of fashioning a holder with a plurality of betweenities in progressive order and positioning tesserae forming a section of a design in each of said betweenities, and each of said sections in a betweenity in advance of the forming of the following betweenity.

H. R. DINSMORE.