

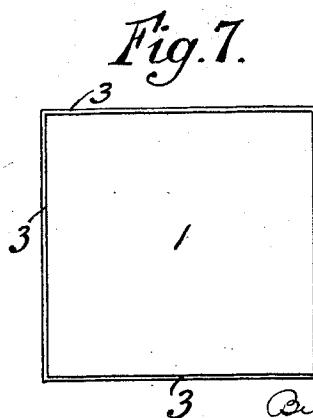
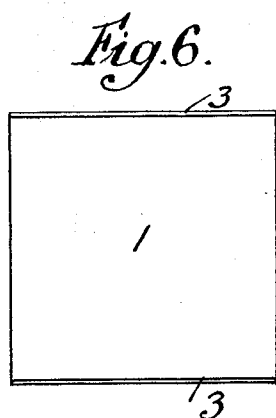
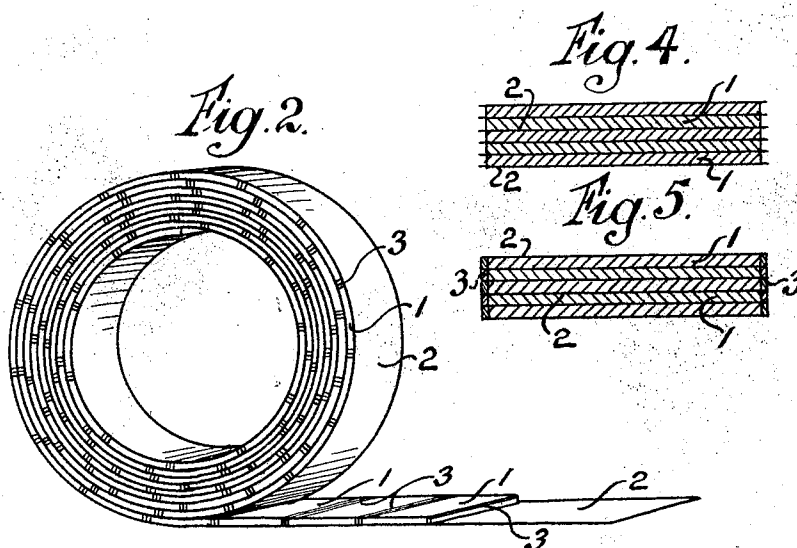
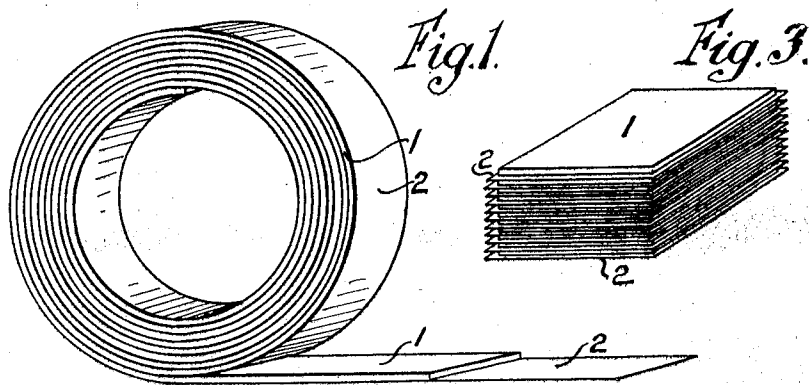
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MANUFACTURE OF LINOLEUM OR LIKE MATERIAL

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MANUFACTURE OF LINOLEUM OR LIKE MATERIALS

Application filed April 20, 1929, Serial No. 356,778, and in Great Britain May 2, 1928.

This invention relates to the manufacture of linoleum or like material.

The object of the present invention is to provide linoleum or like material in which the tesserae forming or adapted to form a pattern are separated by a thin line of material which resembles, for example, a line of mortar, if the linoleum be intended to represent a pattern in tiles, or a line of glue, if the linoleum be intended to represent a pattern in wood.

In carrying out my invention, a plurality of pieces or layers of linoleum or like material are assembled upon one another, being separated from one another by thin metal or other hard material. The separating material is slightly larger than the linoleum, so that it projects a short distance beyond the edge or edges which it is desired to provide with the line of material resembling, for example, mortar or glue. The line is produced by pressing on to the edge or edges of the separating material a sheet of material resembling the glue or mortar, the thickness of the sheet being approximately equal to or slightly greater than the distance which the separating material projects beyond the edge of the linoleum. The sheet is cut through by the separating material and forced on to the edge of the linoleum, thus forming a line resembling mortar or glue.

In the accompanying drawings which illustrate the invention, Figure 1 is a view in perspective illustrating the coiling of a strip of linoleum and a strip of metal or other hard material preparatory to application of jointing material thereto; Figure 2 is a perspective view showing the same stage of the invention as Figure 1 wherein partly complete tesserae are coiled instead of the continuous strip; Figure 3 is a perspective view illustrating the practice of the invention where a pile of tesserae are used with metal or other hard strips separating them; Figure 4 is a cross sectional view through the linoleum and metal or other strips of Figure 1; Figure 5 is a cross sectional view similar to Figure 4 but with the jointing material applied; Figure 6 is a plan view showing tesserae having jointing material applied to parallel edges

thereof, and Figure 7 is a plan view showing tesserae having jointing material applied to all four edges thereof.

Referring more particularly to Figure 1, 1 is a strip of linoleum and 2 a strip of thin steel which is slightly wider than the strip of linoleum. The strips 1 and 2 are wound into a coil on to the faces of which are pressed sheets 3 resembling mortar, as indicated in Figure 5. These sheets are cut through by the edges of the steel strips 2 and adhere to the edges of the linoleum 1, as shown in Figure 5. When the coil is unwound, the strip of linoleum will be provided at its edges with a thin strip of the material resembling mortar.

The strip of linoleum having the mortar-like edges may then be cut to form rectangular tesserae, as shown in plan in Figure 6. These tesserae may be placed end to end on a steel strip 2, as shown in Figure 2, and wound into a coil, sheets resembling mortar being pressed on to the faces of the coil to form a line in the same manner as described with reference to Figure 1. When the coil is unwound, the tesserae 1 will be provided on each edge with a thin strip of material 3 resembling mortar, as shown in Figure 7.

If desired plain cut tesserae may be placed end to end on the strip 2 and wound into a coil and treated as above described.

Figure 3 shows an alternative method of providing the edges of the tesserae with edges resembling mortar. In this figure the linoleum is first cut into rectangles which are superimposed and separated by pieces of thin steel 2. Sheets of material resembling mortar are then pressed against the edges of the pile, and are cut through by the edges of the steel, so that the material resembling mortar is pressed on to and adheres to the edges of the linoleum.

The tesserae thus formed may, if desired, be laid on the usual canvas backing, to form any desired pattern and rolled, or the tesserae may be employed as separate blocks.

What I claim is:—

1. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in as-

sembling a plurality of layers of the linoleum with thin hard separating material between said layers, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the separating material and to be forced on to the edge of the linoleum, and removing said separating material.

2. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin hard separating material, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the separating material, and to be forced on to the edge of the linoleum, and unwinding said coil and removing the separating material.

3. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin hard separating material, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the separating material and to be forced on to the edge of the linoleum, unwinding said coil and removing the separating material, cutting said strip of linoleum into pieces, placing said pieces upon the strip of thin hard separating material with their cut edges parallel with the edges of said strip, winding said strip and with it said pieces to form a coil, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the separating material and to be forced on to the edges of the linoleum pieces, and unwinding said coil and removing said pieces therefrom.

4. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in assembling a plurality of layers of the linoleum with thin metal between said layers, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the thin metal and to be forced on to the edge of the linoleum, and removing said thin metal.

5. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin metal, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the thin metal, and to be forced on to the edge of the linoleum, and unwinding said coil and removing the thin metal.

6. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in super-

imposing a strip of linoleum and a strip of thin metal, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the thin metal and to be forced on to the edge of the linoleum, unwinding said coil and removing the thin metal, cutting said strip of linoleum into pieces, placing said pieces upon the strip of thin metal with their cut edges parallel with the edges of said strip, winding said strip and with it said pieces to form a coil, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the thin metal and to be forced on to the edges of the linoleum pieces, and unwinding said coil and removing said pieces therefrom.

7. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in assembling a plurality of layers of the linoleum with thin hard separating material between said layers, the edges of the separating material extending slightly beyond the edges of the linoleum, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the projecting edges of the separating material and to be forced on to the edge of the linoleum, and removing said separating material.

8. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin hard separating material, the edges of the separating material extending slightly beyond the edges of the linoleum, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the projecting edges of the separating material, and to be forced on to the edge of the linoleum, and unwinding said coil and removing the separating material.

9. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin hard separating material, the edges of the separating material extending slightly beyond the edges of the linoleum, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the projecting edges of the separating material and to be forced on to the edge of the linoleum, unwinding said coil and removing the separating material, cutting said strip of linoleum into pieces, placing said pieces upon the strip of thin hard separating material with their cut edges parallel with the edges of said strip, winding said strip and with it said pieces to form a coil, pressing on to the edges thereof the material resembling joint-

ing material to cause said material to be cut by the projecting edges of the separating material and to be forced on to the edges of the linoleum pieces, and unwinding said coil and removing said pieces therefrom.

10. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in assembling a plurality of layers of the linoleum with thin metal between said layers, the edges of said thin metal extending slightly beyond the edges of the linoleum, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the projecting edges of the thin metal and to be forced on to the edge of the linoleum, and removing said thin metal.

11. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin metal, the edges of said thin metal extending slightly beyond the edges of the linoleum, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the projecting edges of the thin metal, and to be forced on to the edge of the linoleum, and unwinding said coil and removing the thin metal.

12. The method of providing the edge of linoleum with a strip of material resembling a jointing material, which consists in superimposing a strip of linoleum and a strip of thin metal, the edges of said thin metal extending slightly beyond the edges of the linoleum, winding said strips into a coil, pressing on to the edges thereof the material resembling the jointing material to cause said material to be cut by the projecting edges of the thin metal and to be forced on to the edges of the linoleum, unwinding said coil and removing the thin metal, cutting said strip of linoleum into pieces, placing said pieces upon the strip of thin metal with their cut edges parallel with the edges of said strip, winding said strip and with it said pieces to form a coil, pressing on to the edges thereof the material resembling jointing material to cause said material to be cut by the projecting edges of the thin metal and to be forced on to the edges of the linoleum pieces, and unwinding said coil and removing said pieces from.

In testimony that I claim the foregoing as my invention, I have signed my name this 10th day of April, 1929.

ALFRED ARTHUR GODFREY.