

UNITED STATES PATENT OFFICE

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ENAMELING PROCESS

No Drawing.

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This invention relates to enameling processes and particularly to a process for producing an appearance in enameled surfaces resembling that of some linoleum surfaces in which colors are blended in irregular pattern.

Enameled surfaces made according to my process are particularly useful and appropriate for bases of stoves and other articles located upon or in juxtaposition to linoleum covered floors, tables, desks, and the like.

In carrying out the process of my invention the, preferably iron or steel, metal article or piece to be enameled, after proper cleaning is coated with a ground coat of enamel frit the color of which is unimportant so far as the final appearance of the piece or article is concerned. The ground coat may be applied by dipping, spraying, or otherwise. If applied by a wet process it is dried thoroughly and, in any case, fused to the metal surface in an enameling furnace.

A cover coat of frit of the predominating color desired, such, for example, as brown, is next applied by dipping, slushing or spraying and distributed evenly on the surface of the article or piece.

While the coat of predominating color is still wet, drops of wet frit of other colors, such as black and yellow, are distributed over the coating. These drops may vary in size from that of a dime to that of a dollar, depending somewhat upon the size of the article, and should be irregularly spaced at distances generally exceeding their diameters.

While the coating is still wet the colors of the drops are more or less mixed into the predominating color and into the colors of each other with a blunt stylus and then brushed or combed with a brush having spaced bristles or wires.

The uneven surface left by the mixing and brushing operation is next smoothed out and the blending of the colors completed by giving the article or piece a jolt.

The surface is then thoroughly dried and fused to the ground coat in an enameling furnace. Irregular patterns of linoleum may thus be closely matched.

The embodiment of my invention herein

described is to be regarded as illustrative only, and it is to be understood that the invention is susceptible to variation, modification and change within the spirit and scope of the subjoined claims.

Having described my invention, I claim:

1. The process of simulating in enameled surfaces the appearance of linoleum which includes the step of covering a surface with a wet coat of frit of predominating color, distributing thereover drops of wet frit of contrasting colors, while still wet partially mixing the colors of the drops with the predominating color and with the colors of each other by means of a stylus, brushing the coating to produce further partial mixing, smoothing the coating and completing the blending by jolting, drying, and finally fusing.

2. The process of simulating in enameled surfaces the appearance of linoleum which includes the step of covering a surface with a wet coat of frit of predominating color, distributing thereover drops of wet frit of contrasting colors of approximately the size of coins and irregularly spaced at distances generally exceeding their diameters, while still wet partially mixing the colors of the drops with the predominating color and with the colors of each other by means of a stylus, brushing the coating to produce further partial mixing, smoothing the coating and completing the blending by jolting, drying, and finally fusing.

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