

XII. Specification of the Patent granted to Mr. FRANCIS FREDERICK ECKHARDT, of Sloane-street, Chelsea; for his Method of preparing linen and cotton Cloths with a Paste, so as to form a smooth and regular Surface, and yet leave the Cloth of a pliable Quality, for the Purpose of receiving a Coat of water-size Colours; upon which are afterwards printed Ornaments in fine Silver, and Gold, or Colours, in different Patterns, so as to resemble Damask, Lace, and various silk Stuffs; which, being afterwards varnished, may be washed with Water without Injury; to be used for Hangings, and other Furniture for Rooms.

Dated April 30, 1793.

TO all to whom these presents shall come, &c.
Now KNOW YE, that I the said Francis Frederick
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rick Eckhardt, in pursuance of the said proviso in the said letters patent, do hereby describe and ascertain the nature of the said invention, and in what manner the same is to be performed as follows; that is to say, prepare a paste with flour, starch, or any of the ingredients with which paste is or can be made with water or milk; when the paste is made, mix with it a sufficient quantity of wax, so as to preserve the linen, cotton, or cloth, intended to be used, of a pliant or flexible quality. Then strain the linen, cotton, or cloth, upon a frame, and fill the pores or interstices with the above paste or composition; this is to be done so as to render the surface as smooth as possible. When the linen or cloth is completely dry, lay on a proper coat of water-colours, mixed with gum or size, according to the nature of the colour intended to be used; this being dry must be well sized over, and, when again dry, varnished over with any of the various sorts of varnish which will resist water, as often as it shall be found necessary, according to the nature of the colour used. If it should be wished that ornaments in silver, gold; or colours, to resemble

damask lace, or any of the various silk stuffs, should be printed upon the linen or cloth, then, after the coat of water-colours has been laid on, and is dry, gold size, or any of the other compositions that will answer the same purpose, must be laid, with a printing block or a brush, on those parts of the linen or cloth, upon which the ornaments are intended to be placed. Before the size or composition is completely dry, gild or silver it with gold or silver leaves, so as to describe the ornaments: this being done, size it over once or twice, as occasion may require; and when thoroughly dry, varnish it over with any of the varnishes, in the manner above mentioned. In witness whereof, &c.