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Gretton

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(54) **DURABLE EARTHENWARE ENGRAVING PROCESS**

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CPC **B28B 7/346** (2013.01); **B28B 7/0064** (2013.01); **B28B 7/348** (2013.01); **B28B 11/001** (2013.01)

(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A method of forming a detailed image on a surface of an earthenware item is disclosed. The method comprises: (a) processing a digital image to produce an output image; (b) etching a burnable material to create peaks, valleys and indents corresponding to the output image to form a mold; (c) casting a flexible template against the mold to obtain a mirror image of the output image in the flexible template; (d) casting a surface of the earthenware in an unsintered state against the flexible template to record the output image by peaks and valleys in the surface of the earthenware item; (e) bisque firing the earthenware item in the unsintered state to render the output image permanent; and (f) applying stain to the surface of the bisque fired earthenware item and removing excess stain from of the surface of the earthenware item.

6 Claims, 16 Drawing Sheets

