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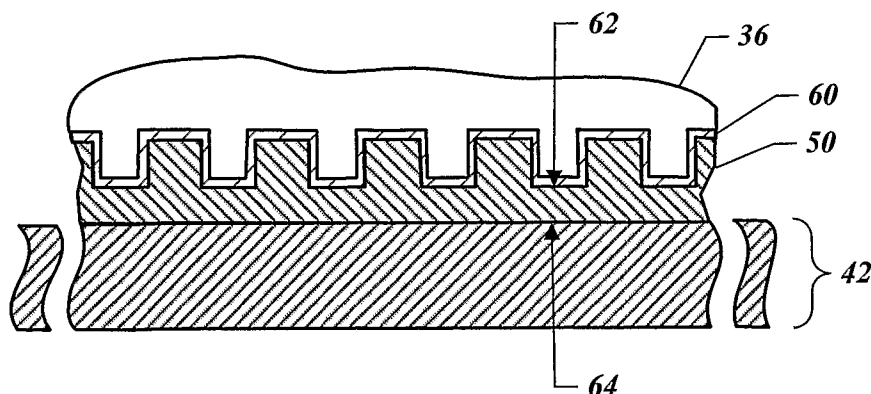
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(54) Title: METHOD AND COMPOSITION PROVIDING DESIRABLE CHARACTERISTICS BETWEEN A MOLD AND A POLYMERIZABLE COMPOSITION



(57) Abstract: The present invention provides a method that features improved wetting characteristics while allowing preferential adhesion and release characteristics with respect to a substrate and a mold having imprinting material (50) disposed therebetween. The method includes coating a surface of the mold with a volume of surfactant containing solution (60). The surfactant in the solution includes a hydrophobic component consisting essentially of a plurality of fluorine-containing molecules. The distribution of the plurality of the fluorine atoms in the fluorine-containing molecules, as well as the fluorine-containing molecules throughout the volume provides a desired contact angle with respect to a polymerizable composition disposed (50) on the substrate (42). The contact angle is in a range of 50 degrees or less.

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