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(71) Applicant (for all designated States except US): **MOLECULAR IMPRINTS, INC.** [US/US]; 1807 West Braker Ln, Bldg. C-100, Austin, Texas 78758-3605 (US).

(72) Inventors: **XU, Frank Y.**; 3814 Harvey Penick Dr., Round Rock, Texas 78664 (US). **STACEY, Nicholas A.**; 3209 Bonnie Road, Austin, Texas 78703 (US).

(74) Agent: **BROOKS, Kenneth C.**; P.O. Box 81536, Austin, Texas 78708-1536 (US).

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(54) Title: METHOD AND COMPOSITION TO PROVIDE A LAYER WITH UNIFORM ETCH CHARACTERISTICS

(57) Abstract: The present invention includes a method and a composition to form a layer on a substrate having uniform etch characteristics. To that end, the method includes depositing a polymerizable liquid on the substrate as a composition of a plurality of components. Each of the components has a rate of evaporation associated therewith. The polymerizable composition is then solidified. A relative rate of evaporation associated with a subset of the plurality of components is established to be within a pre-determined range. Specifically, the present invention is based upon the discovery that etch non-uniformity in a layer that is formed by solidification of a deposited liquid is a function of the relative rates of evaporation of the components that form the layer. As a result, the composition is formed of a plurality of components, a subset of which has a substantially identical rate of evaporation for an interval of time.



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