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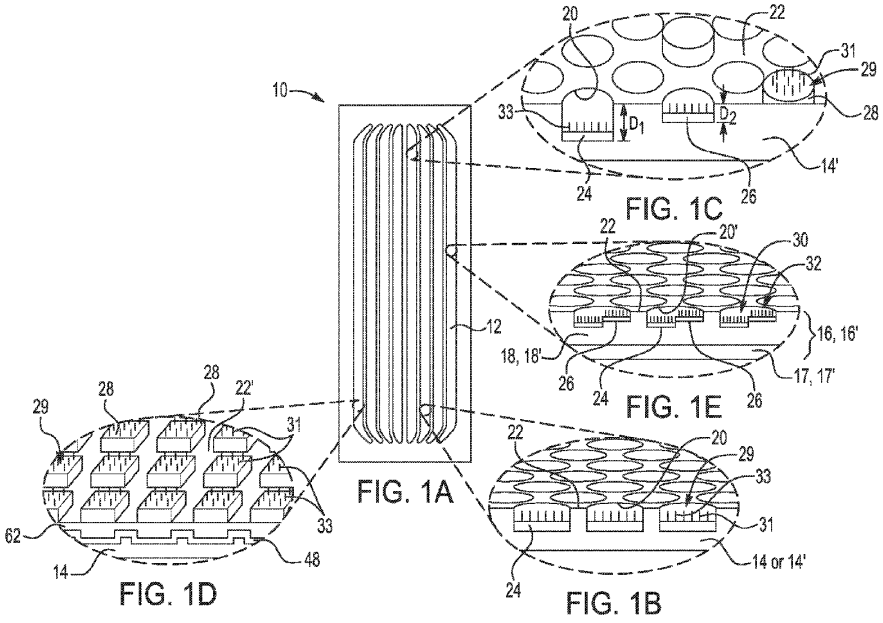
(54) Title: FLOW CELLS AND METHODS FOR MAKING THE SAME



(57) Abstract: In an example of a method for making a flow cell, a light sensitive material is deposited over a resin layer including depressions separated by interstitial regions, wherein the depressions overlie a first resin portion having a first thickness and the interstitial regions overlie a second resin portion having a second thickness that is greater than the first thickness. A predetermined ultraviolet light dosage that is based on the first and second thicknesses is directed through the resin layer, whereby the light sensitive material overlying the depressions is exposed to ultraviolet light and the second resin portion absorbs the ultraviolet light, thereby defining an altered light sensitive material at a first predetermined region over the resin layer. The altered light sensitive material is utilized to generate a functionalized layer at the first predetermined region or at a second predetermined region over the resin layer.

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