



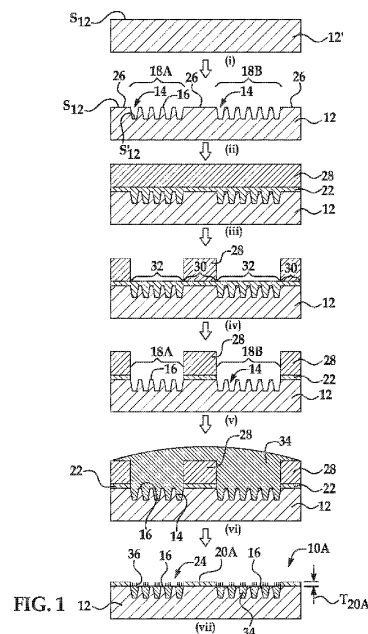
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(54) **Title:** FLOW CELLS



(57) **Abstract:** An example of a flow cell includes a substrate, which includes nano-depressions defined in a surface of the substrate, and interstitial regions separating the nano-depressions. A hydrophobic material layer has a surface that is at least substantially coplanar with the interstitial regions and is positioned to define a hydrophobic barrier around respective sub-sets of the nano-depressions.

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