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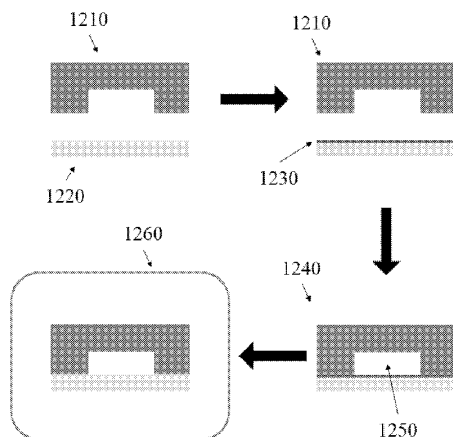


FIG. 12

(57) Abstract: The present disclosure provides methods for forming a microfluidic device. Methods for forming a microfluidic device may comprise providing a microfluidic structure and a film, treating a surface of the microfluidic structure, a surface of the film, or both with a solvent, subsequently pressing the microfluidic structure together with the film under a first heating condition to form the microfluidic device comprising the solvent, and applying a negative pressure to the microfluidic device under a second heating condition, which negative pressure is applied for a time period greater than 30 minutes or at a pressure less than 20 kilopascals (kPa) to remove at least a portion of the solvent. In some aspects, the present disclosure provides devices consistent with the methods herein.

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