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(71) Applicant: **ILLUMINA, INC.** [US/US]; 5200 Illumina Way, San Diego, California 92122 (US).

(72) Inventors: **RAMIREZ, Sean, M.**; 5200 Illumina Way, San Diego, California 92122 (US). **PRABHU, Anmiv**; 5200 Illumina Way, San Diego, California 92122 (US). **PAN-TOJA, Rigo**; 5200 Illumina Way, San Diego, California 92122 (US). **HIGGINS, Michelle**; 5200 Illumina Way, San Diego, California 92122 (US).

(74) Agent: **DIERKER, Julia, Church et al.**; Dierker & Kavanaugh, P.C., 3331 W. Big Beaver Road, Suite 109, Troy, Michigan 48084 (US).

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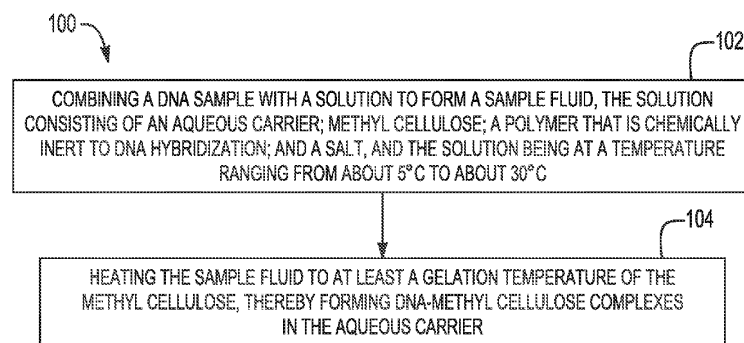


FIG. 1

(57) Abstract: An example of a kit includes a flow cell assembly. The flow cell assembly includes a reaction chamber, a temperature controlled flow channel in selective fluid communication with an inlet of the reaction chamber, and a filter positioned in the temperature controlled flow channel. The reaction chamber includes depressions separated by interstitial regions and capture primers attached within each of the depressions. The filter is i) to block concentrated biological sample-polymer complexes generated in the temperature controlled flow channel at a first temperature, and ii) to allow passage of concentrated biological sample and polymer released from the complexes in the temperature controlled flow channel at a second temperature.



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