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(54) Title: MICROFLUIDIC FLOW MONITORING

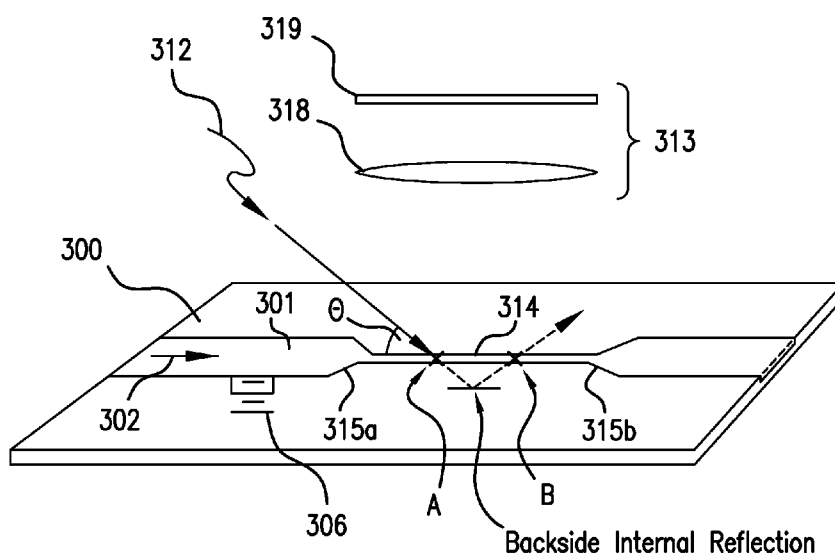


FIG. 3

(57) Abstract: The present invention relates to systems and methods of monitoring velocity or flow in channels, especially in microfluidic channels. In some embodiments, the present invention relates to systems and methods of monitoring velocity or flow rate in systems and methods for performing a real-time polymerase chain reaction (PCR) in a continuous-flow microfluidic system.

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