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

(72) Inventors: **YUAN, Dajun**; 5200 Illumina Way, San Diego, California 92122 (US). **BOWEN, M. Shane**; 5200 Illumina Way, San Diego, California 92122 (US). **ZHONG, Mei**; 5200 Illumina Way, San Diego, California 92122 (US).

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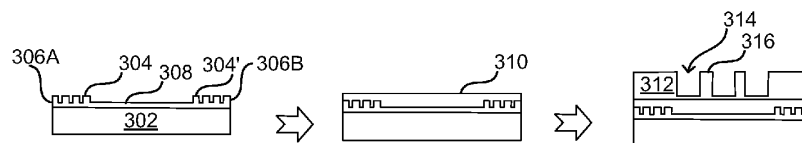
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(54) Title: MANUFACTURING A FLOWCELL WITH A PLANAR WAVEGUIDE



300

FIG. 3

(57) Abstract: Provided in one example is a method of manufacturing a flowcell that includes: forming a core layer, the core layer disposed between a substrate and a nanowell layer, the nanowell layer having nanowells to receive a sample, the core layer having a higher refractive index than the substrate and the nanowell layer; and forming a grating to couple light to the core layer.



WO 2020/240453 A1