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- (71) **Applicant: ILLUMINA, INC.** [US/US]; 5200 Illumina Way, San Diego, California 92122 (US).
- (72) **Inventors: ZIEBARTH, Jonathan;** 5200 Illumina Way, San Diego, California 92122 (US). **ADAY, Jon;** 5200 Illumina Way, San Diego, California 92122 (US). **CRIVELLI, Paul;** 5200 Illumina Way, San Diego, California 92122 (US). **KRIENDL, Gerald;** 5200 Illumina Way, San Diego, California 92122 (US). **SHARMA, Amit;** 5200 Illumina Way, San Diego, California 92122 (US).

- (74) **Agent: PEARLMAN, Rachel L.;** c/o HESLIN ROTHENBERG FARLEY & MESITI P.C., 5 Columbia Circle, Albany, New York 12203 (US).

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(54) **Title:** HYBRID GLASS PLASTIC FLOW CELL AND FABRICATION METHODS

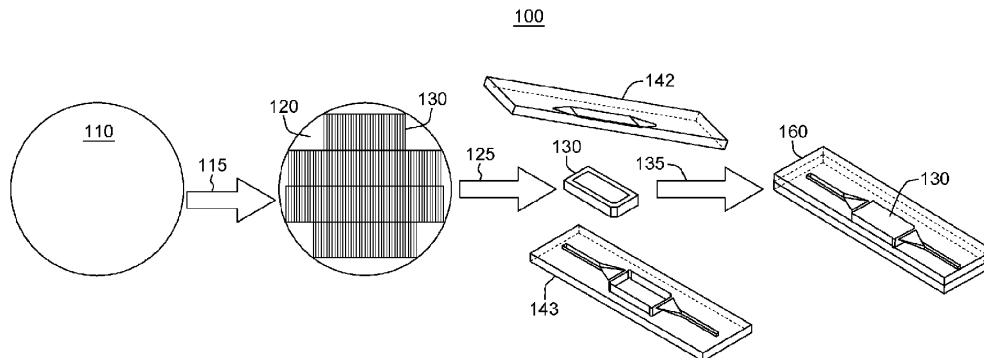


FIG. 1

(57) **Abstract:** Provided herein include various examples of a method for manufacturing aspects of flow cell. The method may include performing chemical processes on a surface of the patterned wafer to prepare the surface of the patterned, singulating the wafer into individual dies, orienting each die on a temporary substrate, where the orienting creates spaces between each individual die, and molding a material over the spaces to create a hybrid wafer comprised of glass and molded material. The method may also include bonding two of the hybrid wafers together, forming a bonded wafer stack.

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