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

(72) Inventors: **NORBERG, Steven**; c/o Illumina, Inc., 5200 Illumina Way, San Diego, CA 92122 (US). **POKHOLOK, Dmitry**; c/o Illumina, Inc., 5200 Illumina Way, San Diego, CA 92122 (US). **RAMJI, Ramesh**; c/o Illumina, Inc., 5200 Illumina Way, San Diego, CA 92122 (US). **STEEMERS,**

Frank, J.; c/o Illumina, Inc., 5200 Illumina Way, San Diego, CA 92122 (US). **ZHANG, Fan**; c/o Illumina, Inc., 5200 Illumina Way, San Diego, CA 92122 (US).

(74) Agent: **FULLER, Michael, L.**; 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

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(54) Title: MODULATING POLYMER BEADS FOR DNA PROCESSING

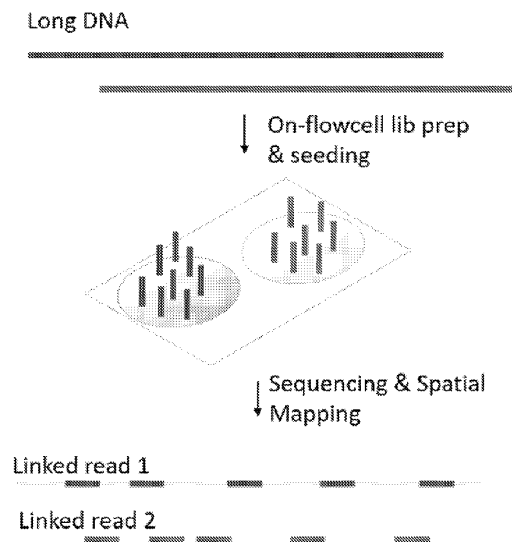


FIG. 1A

(57) Abstract: Systems, methods, and compositions provided herein relate to preparation of beads encapsulating biomolecules for performing sequential reactions on the biomolecules. Some embodiments include preparation of nucleic acid reactions within the bead, wherein the bead includes pores that allow diffusion of molecules into or out of the beads while retaining other molecules of interest.

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