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(54) Title: LONG INDEXED-LINKED READ GENERATION ON TRANSPOSOME BOUND BEADS

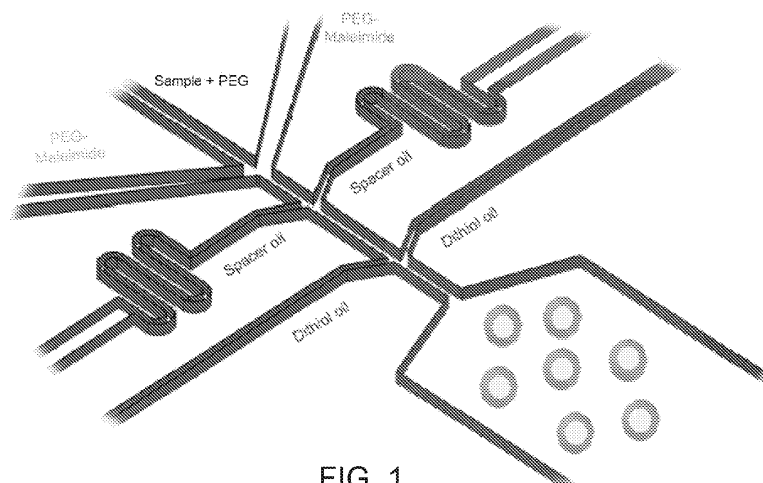


FIG. 1

(57) Abstract: Embodiments of systems, methods, and compositions provided herein relate to on bead tagmentation and droplet indexing. Some embodiments include performing co-assays on partitioned beads, including nucleic acid sequencing, indexed PCR, preparing nucleic acid libraries, determining methylation status, identifying genomic variants, or protein analysis..

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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