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(54) METHODS AND APPARATUS FOR CHARACTERIZING POLYNUCLEOTIDES

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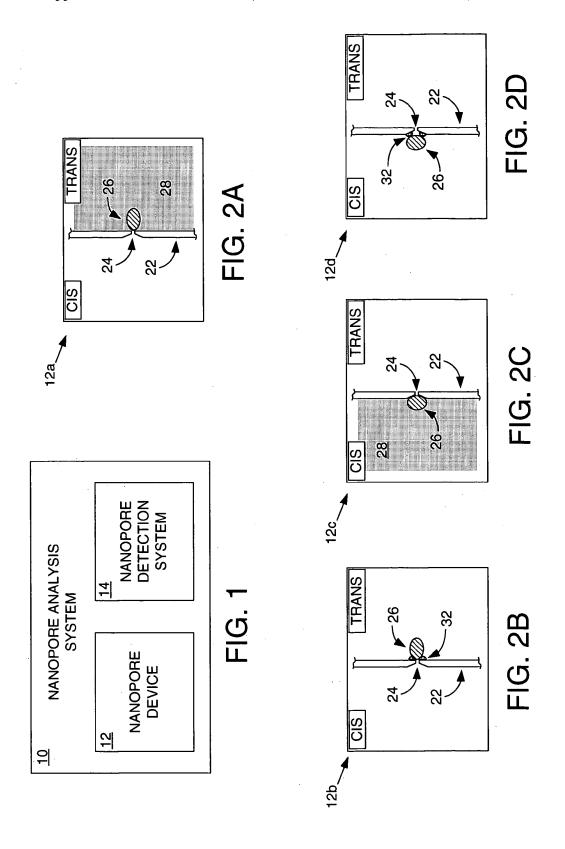
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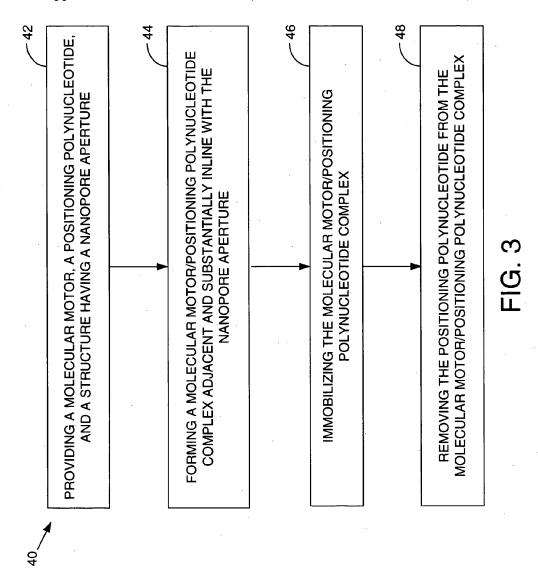
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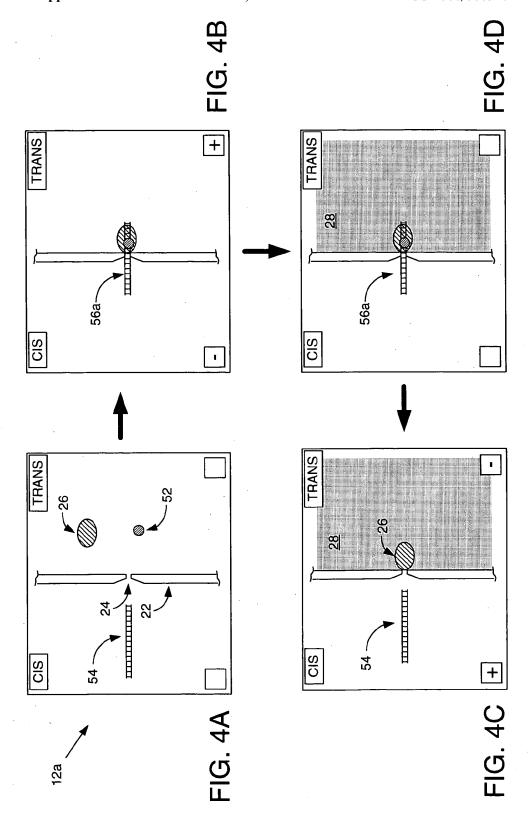
(57)**ABSTRACT**

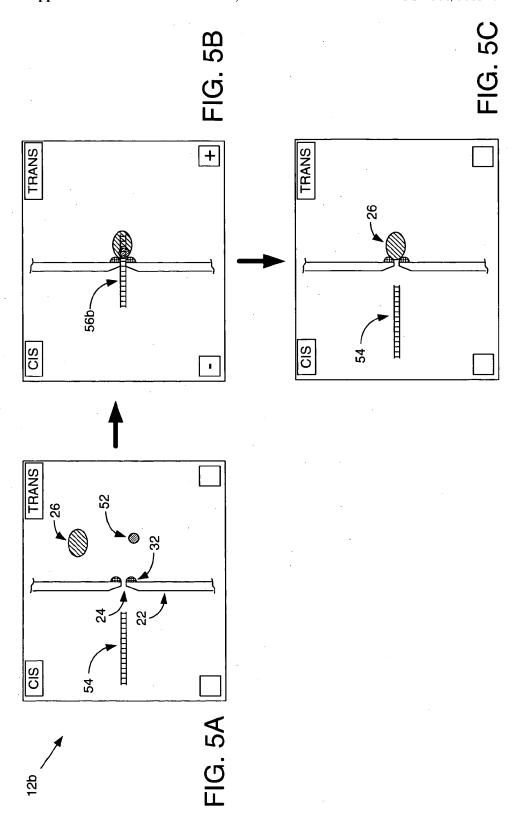
Systems and methods for analysis of polymers, e.g., polynucleotides, are provided. The systems are capable of analyzing a polymer at a specified rate. One such analysis system includes a structure having a nanopore aperture and a molecular motor, e.g., a polymerase, adjacent the nanopore











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