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(54) Title: **NANOELECTRIC DEVICES AND USE THEREOF**

(57) Abstract: Provided herein are compositions, devices, systems and methods for single molecule sensing. Further provided are devices for nucleic acid sequencing. The compositions, devices, systems and methods described herein provide improved retrieval of biomolecule-based information.

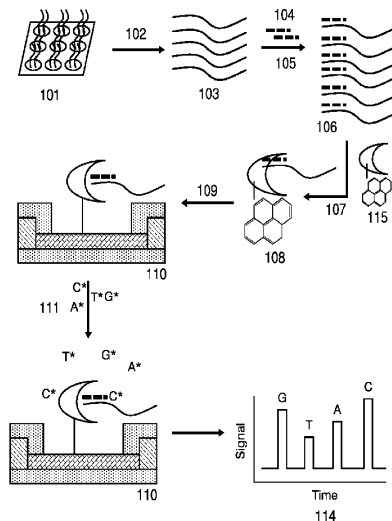


FIG. 1

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