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(54) Title: NUCLEIC ACID BASED DATA STORAGE

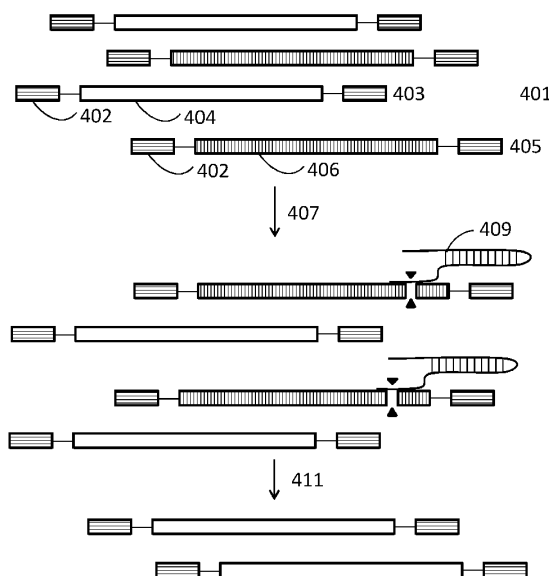


FIG. 4A

(57) Abstract: Provided herein are compositions, devices, systems and methods for the generation and use of secured biomolecule-based information for storage. Further described herein are compositions, devices, systems and methods for bioencryption or biodecryption of information. Conversion of a digital sequence to a nucleic based sequence includes a step of selection of one or more bioencryption methods.

[Continued on next page]

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