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(54) **Title:** AUTOMATED DATA STORAGE SYSTEM

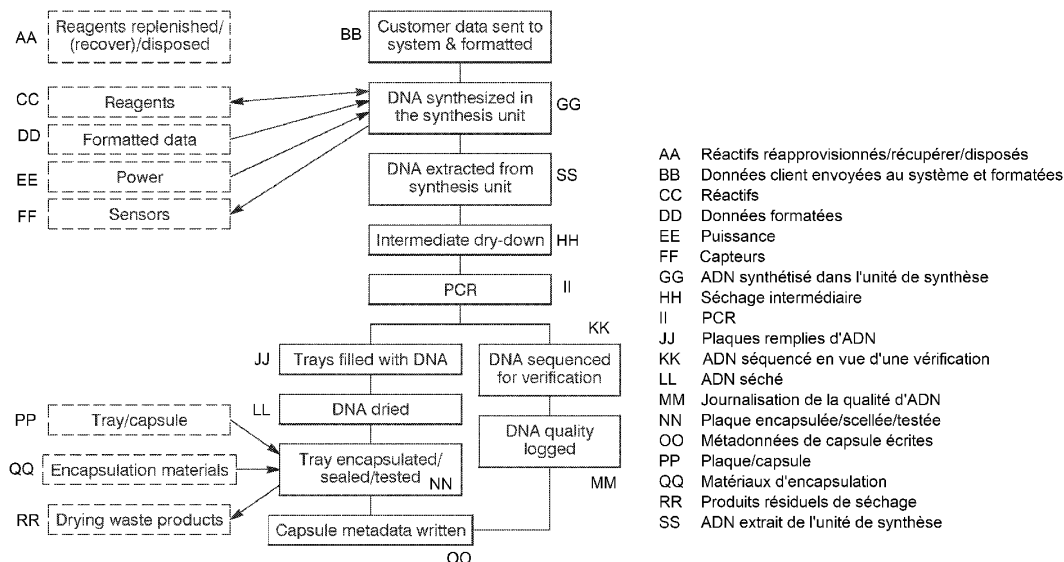


FIG. 1A

(57) **Abstract:** Described herein are systems for data storage, including components for receiving, encoding, synthesizing, storing, reading, sequencing, and decoding digital information stored in polynucleotides and libraries of polynucleotides. Further described herein are assemblies for storing information, systems comprising the assemblies, and methods of using the assemblies.

[Continued on next page]

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