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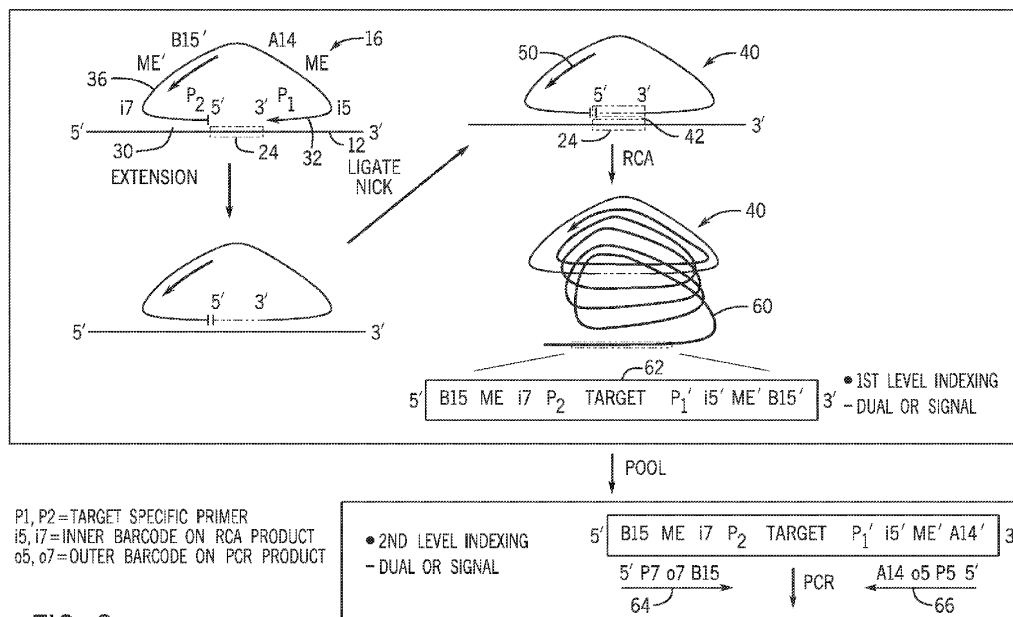
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(54) Title: AMPLIFICATION TECHNIQUES FOR NUCLEIC ACID CHARACTERIZATION



(57) Abstract: Nucleic acid amplification techniques are disclosed. Embodiments include generating concatenated nucleic acids using rolling circle amplification of templates, e.g., starting from a cDNA of a full-length mRNA or from synthetic templates, and sequencing and/or detecting the concatenated nucleic acids. In some embodiments, the technology disclosed includes amplification reactions that include CRISPR-Cas interactions that generate primers as a result of the CRISPR-Cas interactions, whereby primers are in turn used as part of detectable amplification reactions. The disclosed amplification techniques may use synthetic oligonucleotides or primers.

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