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(54) Title: METHOD FOR PREPARING POLYNUCLEOTIDES FOR ANALYSIS

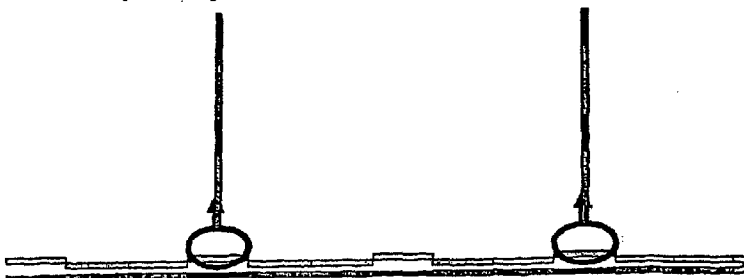
1 – Super Design Polymer with unmasked bits:



2 – Attach lollipop probes:



3 – Perform a RCA primed by the lollipop probes:



(57) Abstract: A method for analysing a target polynucleotide having distinct units of nucleic acid sequence comprising: (i) forming a first polynucleotide which is a concatemer having multiple repeating target polynucleotide sequences; (ii) forming on the first polynucleotide a second polynucleotide hybridised to a portion of one or more of the target polynucleotides, such that the portion hybridised, or the portion not hybridised, corresponds to a sequence unit on the target, and determining the sequence unit on the target.

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