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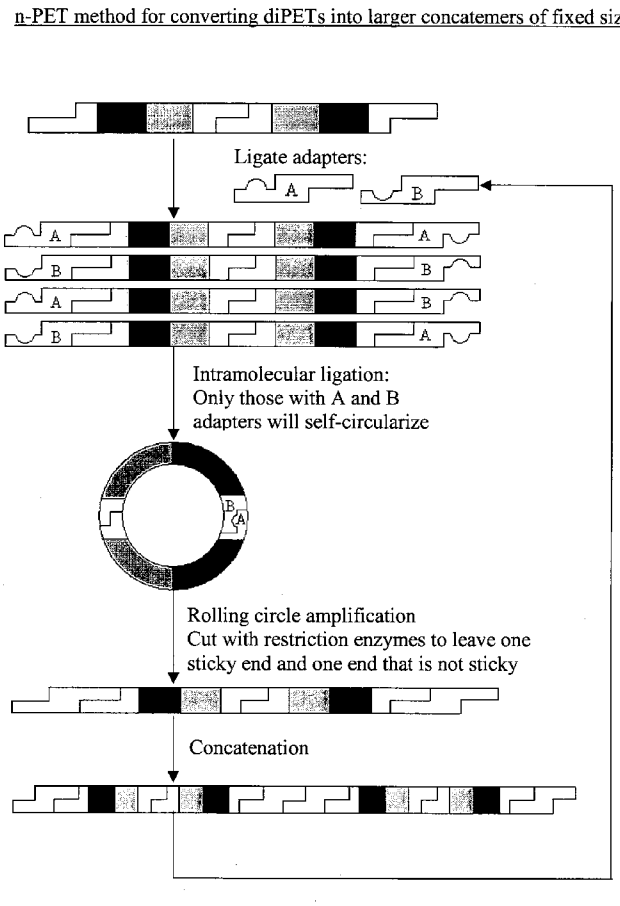
(54) Title: NUCLEIC ACID CONCATENATION



(57) Abstract: The present invention provides a method of manipulating nucleic acids. In particular, of length-controlled concatenating of nucleotide fragments, the method comprising: (a) providing at least two nucleotide fragments, wherein each fragment has one ligatable end and one non-ligatable end; and (b) allowing the two fragments to ligate at the ligatable ends to form an oligonucleotide comprising at least two concatenated nucleotide fragments. The present invention also provides an isolated oligonucleotide comprising at least two nucleotide fragments, wherein each fragment has at least one ligatable end and one non-ligatable end, and the fragments are ligated at the ligatable ends to form the oligonucleotide.

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