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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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(54) Title: PROCESSING OF AMPLIFIED DNA FRAGMENTS FOR SEQUENCING

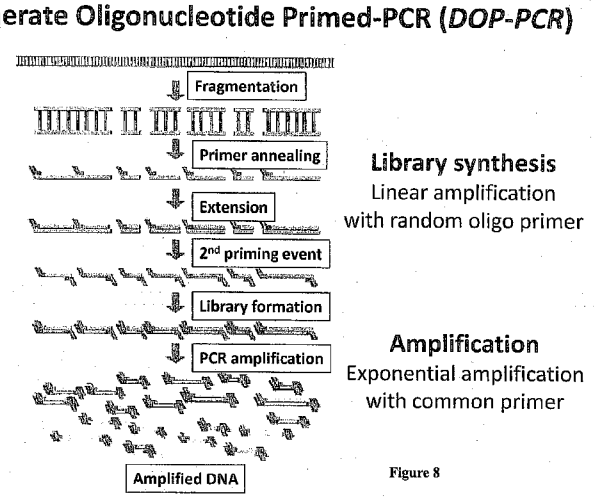


Figure 8

(57) Abstract: A processing method to trim ends of DNA fragments, exposing the internal DNA part to give original DNA sequence information enabling application of next generation sequencing for DNA samples to be amplified by DOP-PCR or other primer dependent amplification methods. Specifically, nucleic acids are amplified using primers comprising a recognition site for a restriction enzyme, for example Bpml or Mmel. Primer sequences are removed by cleavage with the restriction enzyme.

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