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[54] **METHODS FOR GENERATING SINGLE STRANDED DNA BY THE POLYMERASE CHAIN REACTION**

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[52] **U.S. Cl.** **435/91**; 935/17

[58] **Field of Search** 435/91, 6; 536/27; 436/63, 94; 935/17

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[57] **ABSTRACT**

Single stranded DNA can be generated by the polymerase chain reaction using two oligonucleotide primers, one persent in a limiting concentration. The single stranded DNA is useful in procedures involving utilizing nucleic acid probes and for purposes of nucleic acid sequencing.

7 Claims, 2 Drawing Sheets