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**O'Halloran**

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(54) **METHODS AND KITS FOR NUCLEIC ACID SEQUENCING**

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(51) **Int. Cl.**

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|---|---|
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(52) **U.S. Cl.**

CPC ..... ***C12Q 1/6869*** (2013.01); ***G01N 33/48721*** (2013.01)

(58) **Field of Classification Search**

CPC ..... C12Q 1/6869; C12Q 2563/113; C12Q 2563/116; C12Q 2565/607

USPC ..... 435/6.12, 91.2, 287.2

See application file for complete search history.

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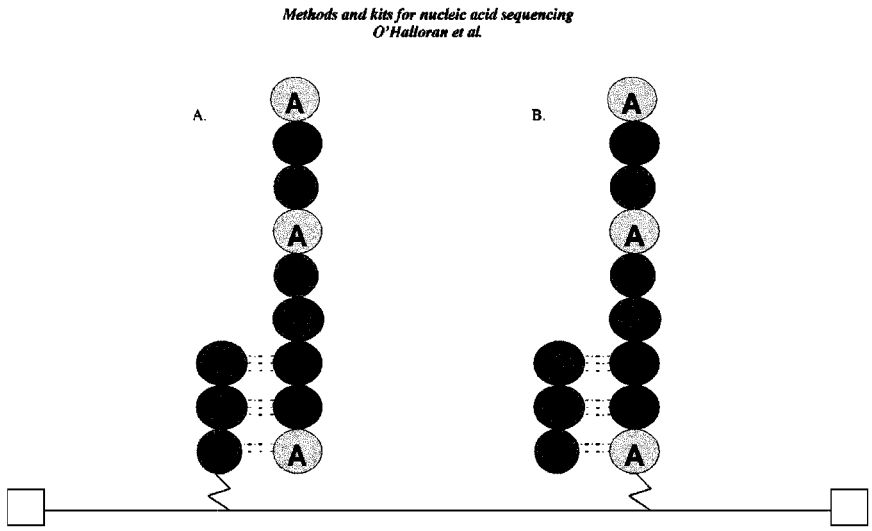
(57) **ABSTRACT**

Various embodiments of the present disclosure generally relate to molecular biological protocols, equipment and reagents for the sequencing of target nucleic acid (DNA, RNA, cDNA, etc) molecules.

**14 Claims, 7 Drawing Sheets**