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- (54) **Title:** COMPOSITIONS AND METHODS FOR NUCLEIC ACID SEQUENCING

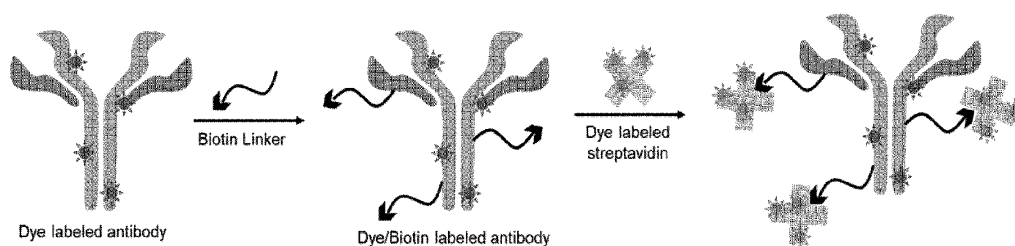


FIG. 1

- (57) **Abstract:** Embodiments of the present disclosure relate to kits, compositions, and methods for nucleic acid sequencing, for example, two-channel nucleic acid sequencing by synthesis using blue and green light excitation. In particular, unlabeled nucleotides for incorporation may be used in conjunction with affinity reagents containing detectable labels excitable by blue and/or green lights, for specific binding to each type of nucleotides incorporated.

[Continued on next page]



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