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### *Parent Case Text*

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#### RELATED APPLICATIONS

This application claims a benefit of priority under 35 U.S.C. .sectn. 119 to U.S. Provisional Patent Application No. 62/491,815 filed Apr. 28, 2017, entitled "Quantum State Oscillators and Methods For Operation and Construction Of Same", by Mitchell A. Thornton et al., which is hereby fully incorporated by reference in its entirety.

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### *Claims*

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What is claimed is:

1. A system for the quantum coherence preservation of a qubit, comprising: a quantum oscillator including a plurality of cascaded stages, each stage including a quantum circuit having an input and an output and adapted to evolve a qubit between a first state on the input and a second state on the

























