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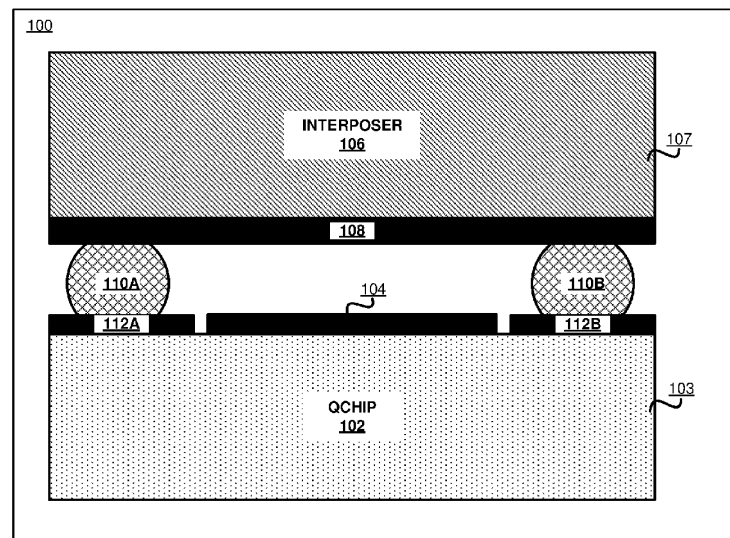
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(54) Title: QUBIT FREQUENCY TUNING STRUCTURES AND FABRICATION METHODS FOR FLIP CHIP QUANTUM COM-
PUTING DEVICES

FIGURE 1



(57) Abstract: A quantum computing device includes a first chip having a first substrate and one or more qubits disposed on the first substrate. Each of the one or more qubits has an associated resonance frequency. The quantum computing device further includes a second chip having a second substrate and at least one conductive surface disposed on the second substrate opposite the one or more qubits. The at least one conductive surface has at least one dimension configured to adjust the resonance frequency associated with at least one of the one or more qubits to a determined frequency adjustment value.

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