

Composition of Representative Films

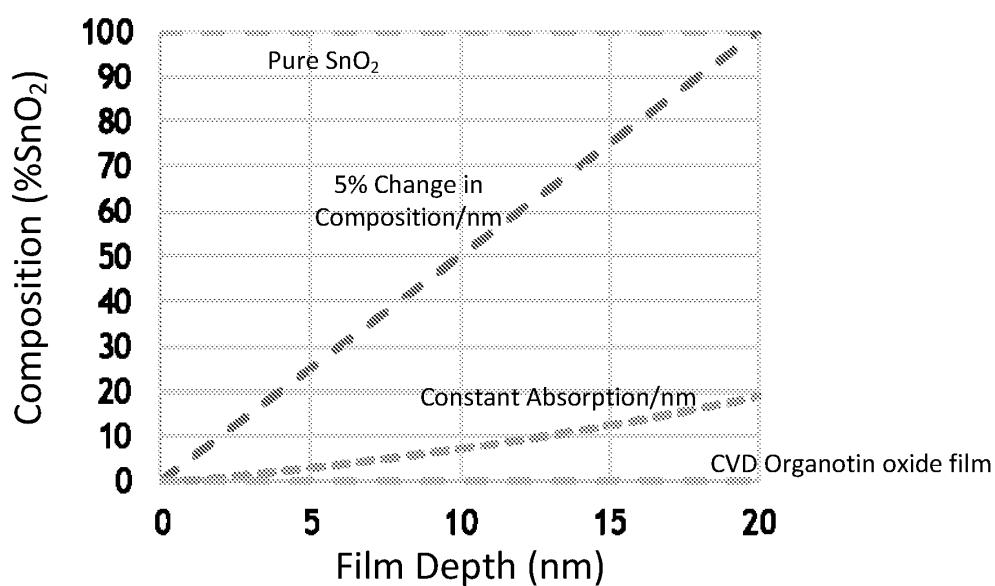


FIG. 1A

Absorption of Light with Film Depth

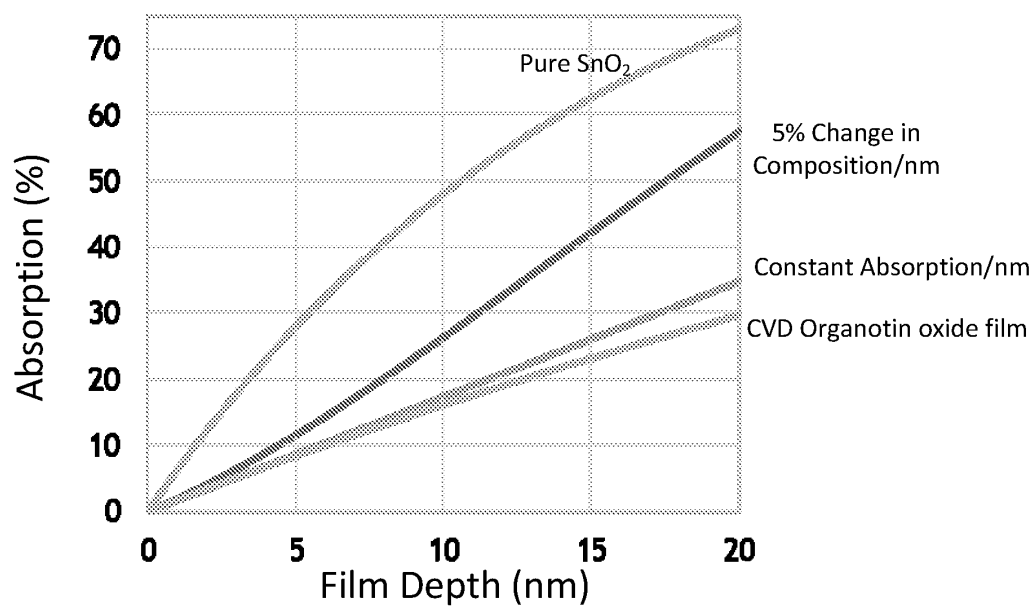


FIG. 1B

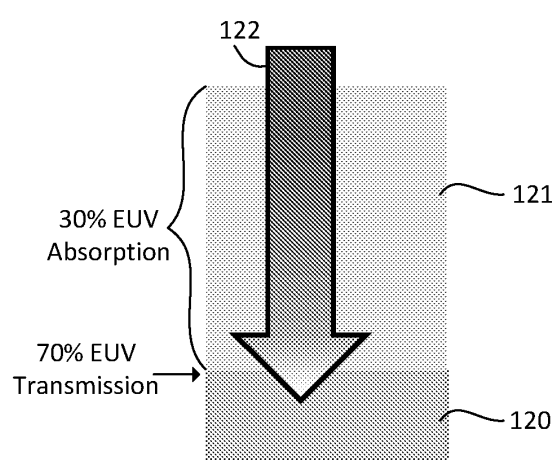


FIG. 1C

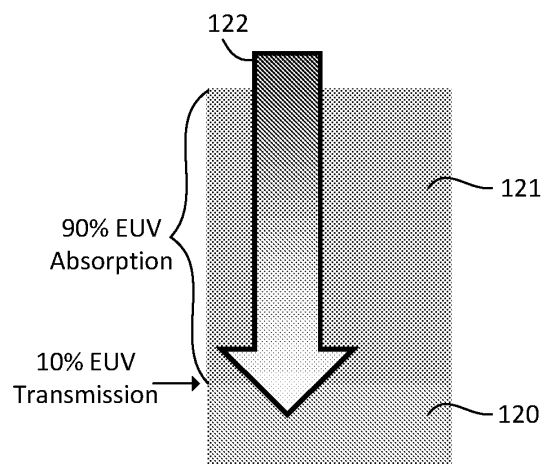


FIG. 1D

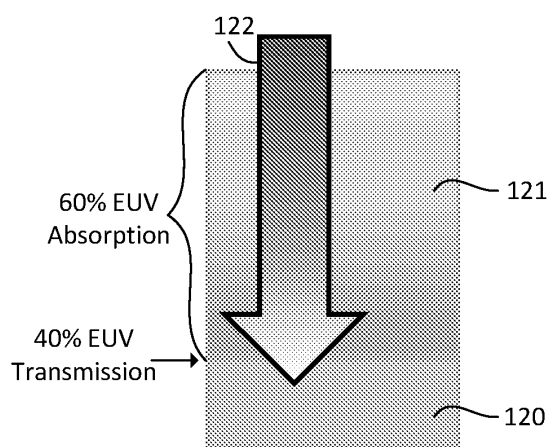
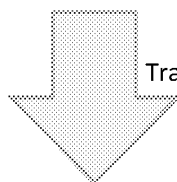
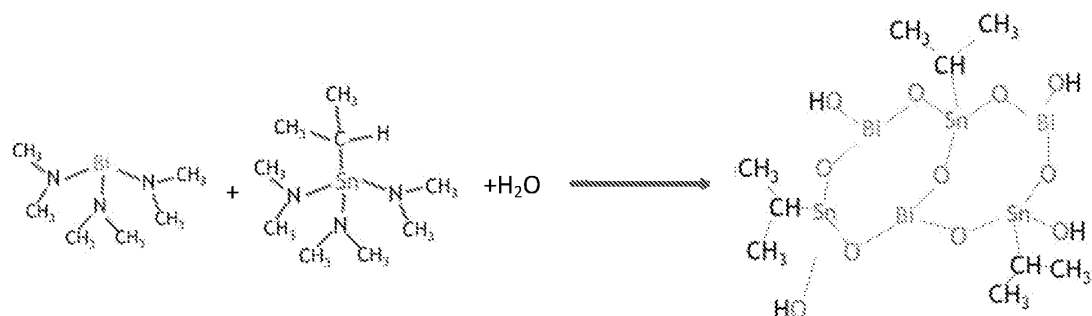


FIG. 1E

Initial mixture of bismuth and isopropyltin precursors



Transition over time during deposition

Transition to Bismuth-free precursor to produce organotin composition near surface

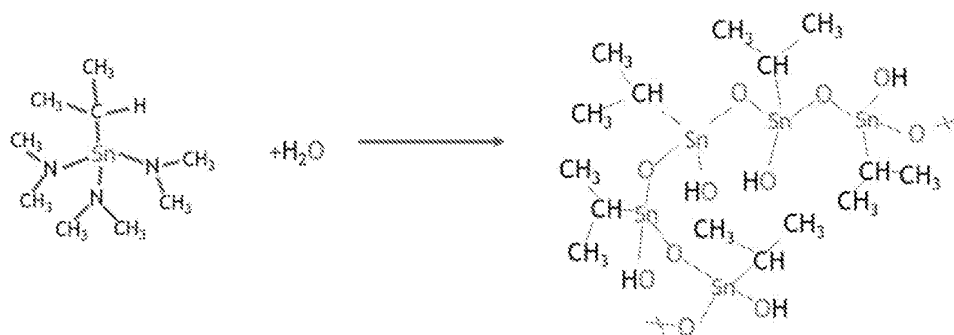
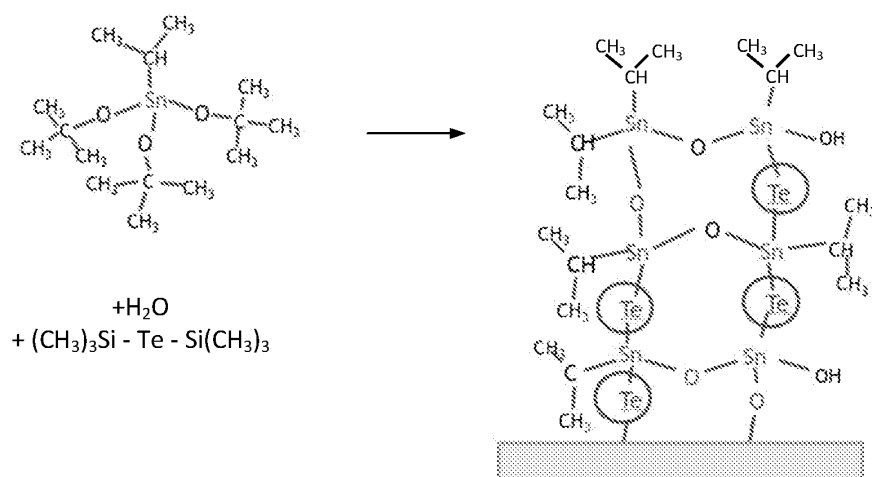


FIG. 2A

Initial mixture using water and tellurium-containing co-reactants



Transition over time during deposition

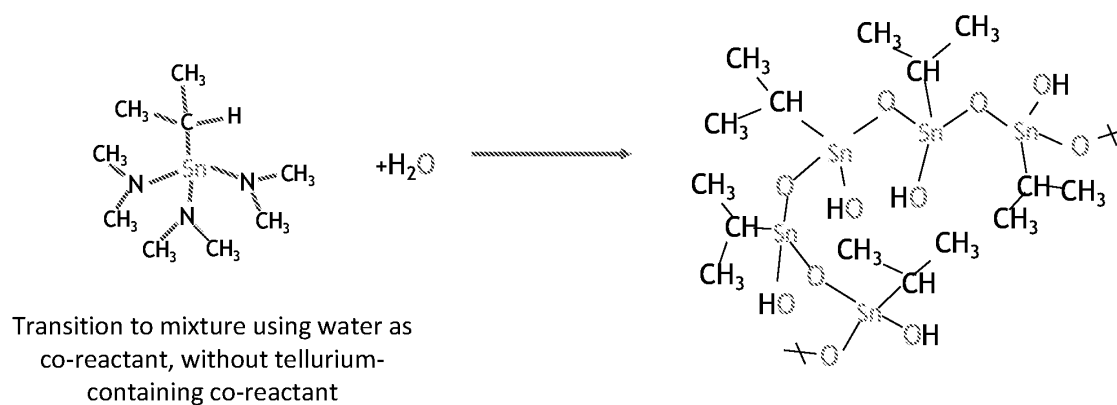


FIG. 2B

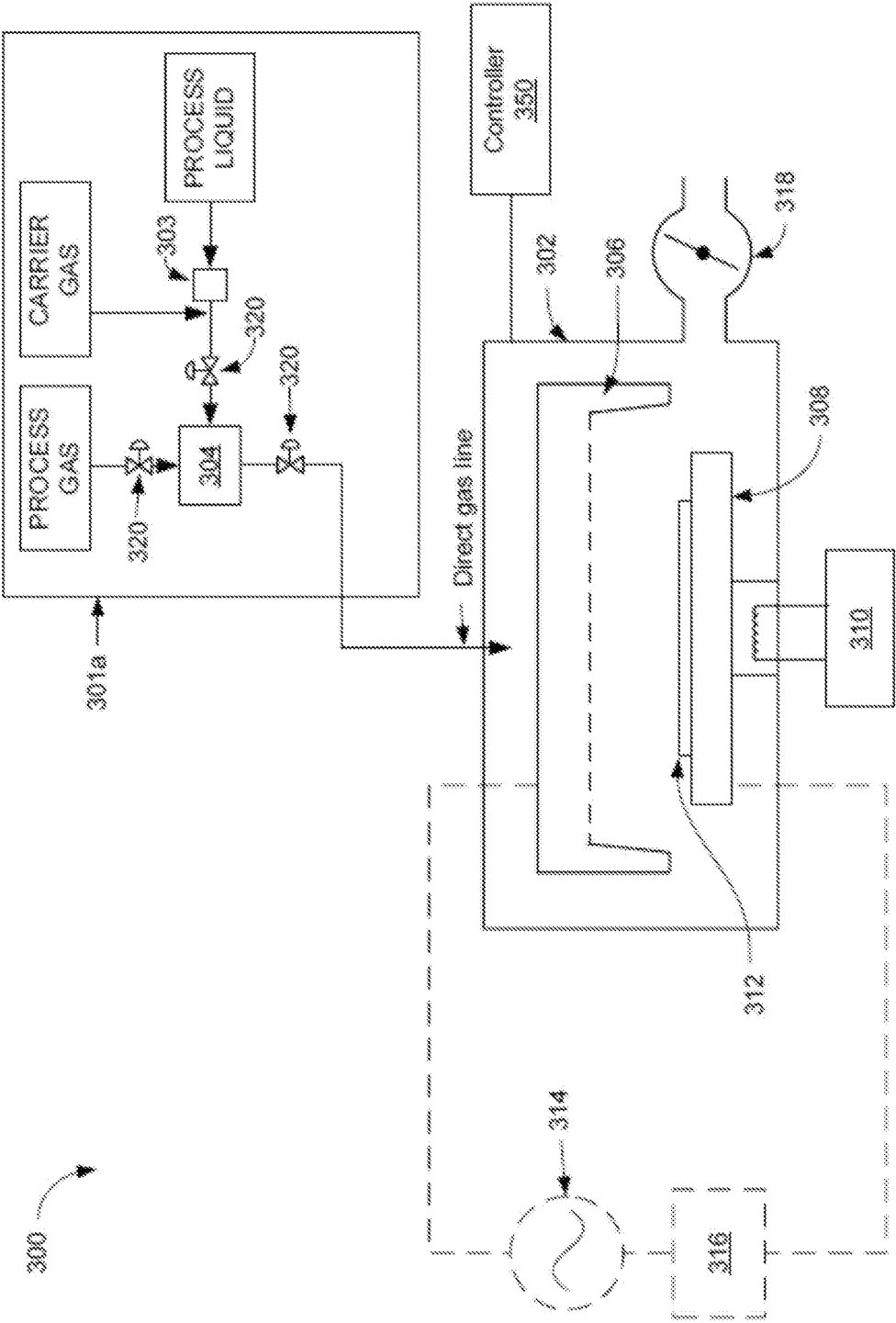


FIG. 3

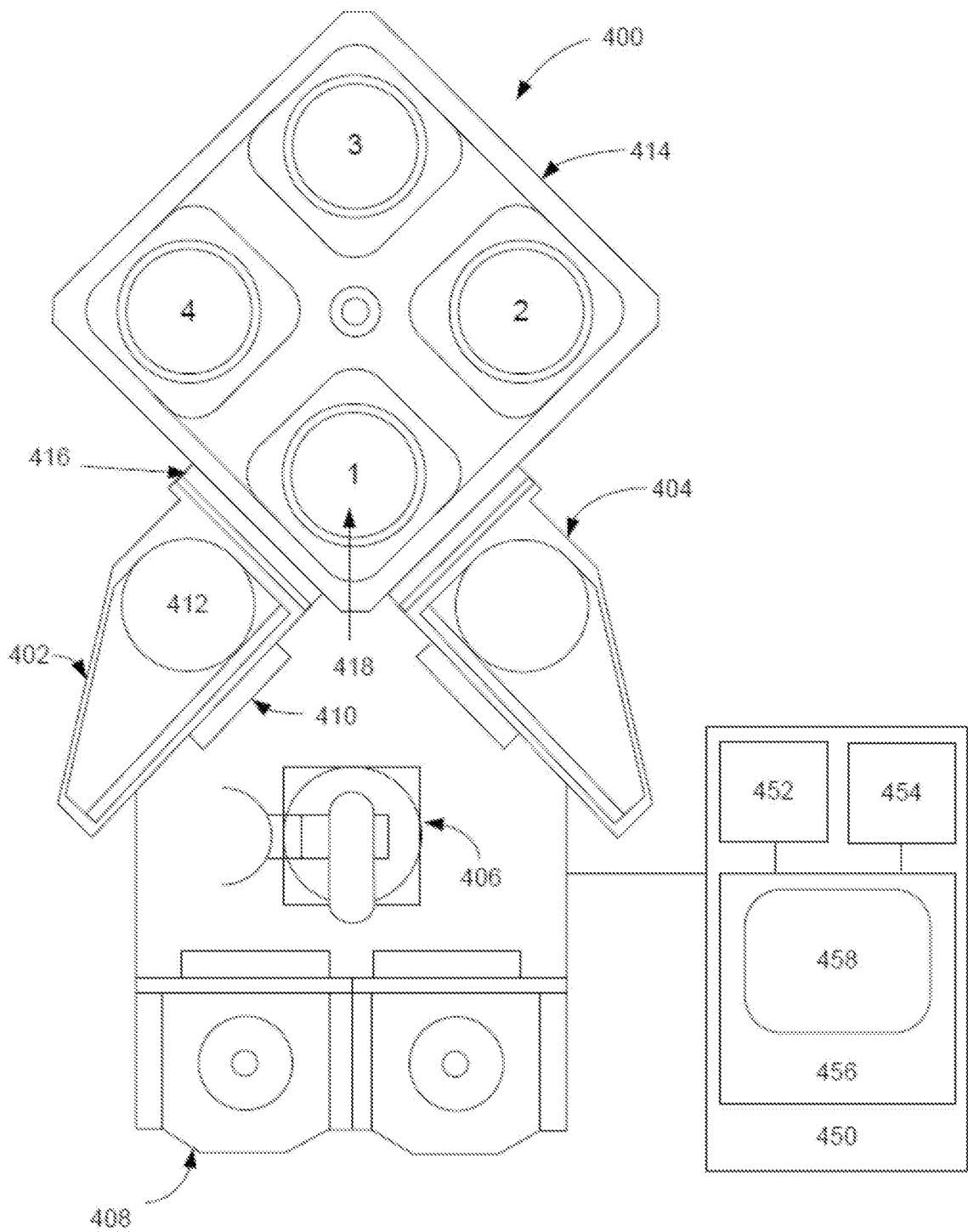


FIG. 4

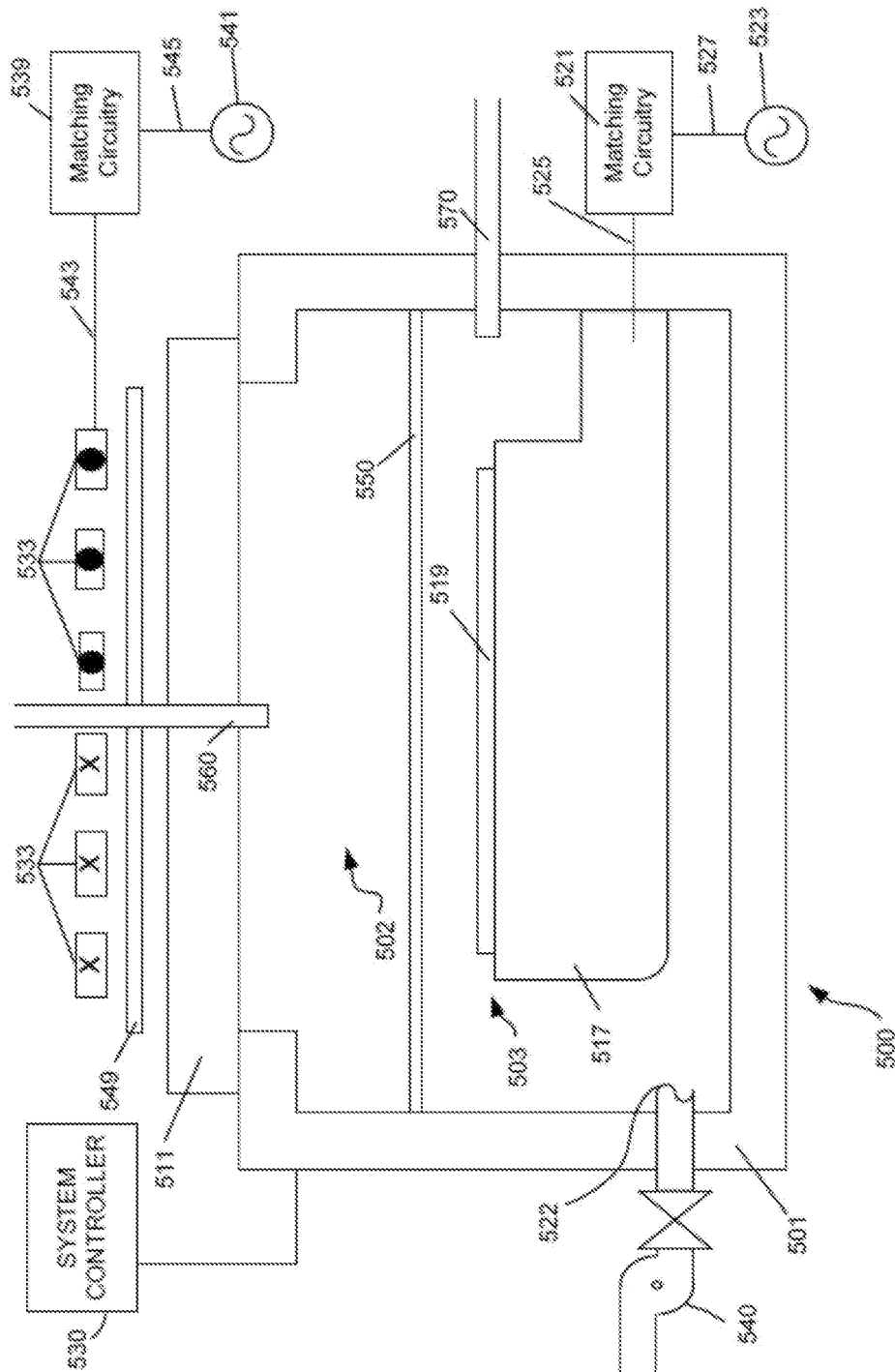


FIG. 5

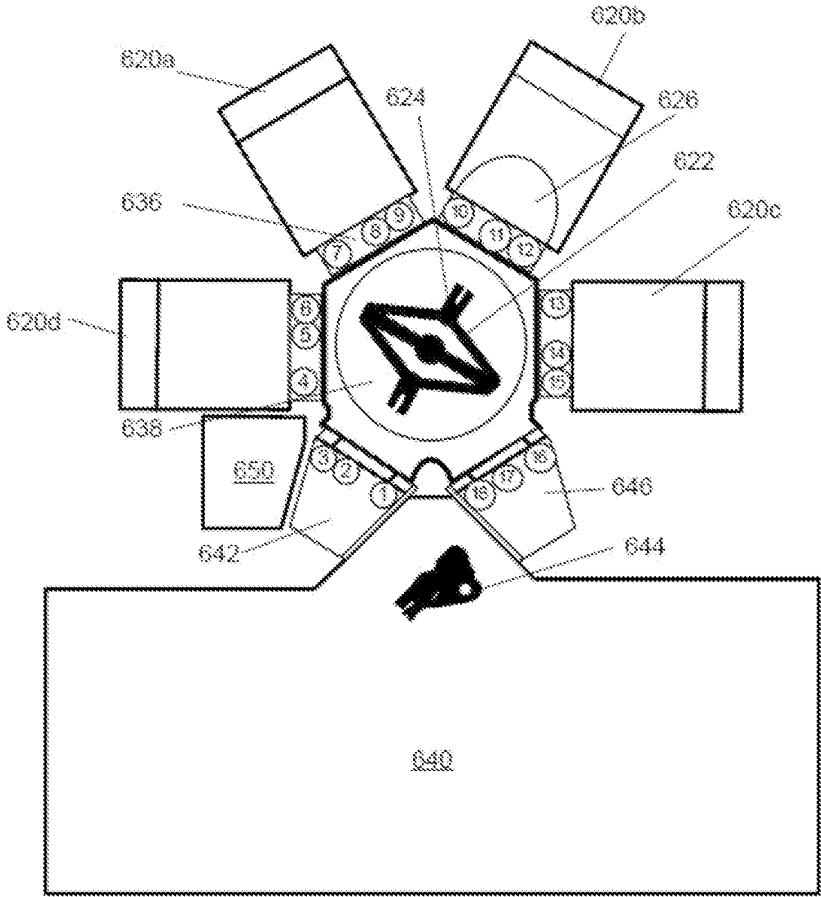


FIG. 6