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(54) Title: NANOSCALE THIN FILM DEPOSITION SYSTEMS

(57) Abstract: A method and system for nanoscale precision programmable profiling on substrates. Profiling material is dispensed on a substrate or a superstrate. The superstrate is brought in contact with the substrate. The profiling material is then cured after bringing the superstrate in contact with the substrate. The superstrate is separated from the substrate after curing. An optical metrology of points on the substrate corresponding to the final substrate profile is then performed.

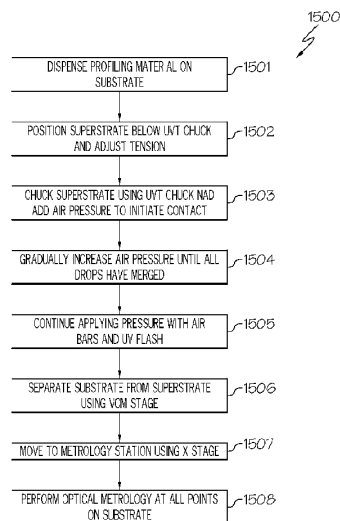


FIG. 15

WO 2021/173873 A1

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