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(71) Applicant (for all designated States except US): **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OWCZARZ, Aleksander** [US/US]; 7523 Deveron Crt., San Jose, CA 95135 (US). **KNOP, Robert** [US/US]; 2540 Ann St., Fremont, CA 94536 (US). **RAVKIN, Mike** [US/US]; 1215 Knickerbocker Drive, Sunnyvale, CA 94087 (US). **WOODS, Carl**,

A. [US/US]; 333 Village Creek Road, Aptos, CA 95003 (US).

(74) Agent: **CHAN, Konrad, K.**; Martine Penilla & Gencarella, LLP, 710 Lakeway Drives, Suite 200, Sunnyvale, CA 94085 (US).

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[Continued on next page]

(54) Title: SUBSTRATE GRIPPER WITH INTEGRATED ELECTRICAL CONTACTS

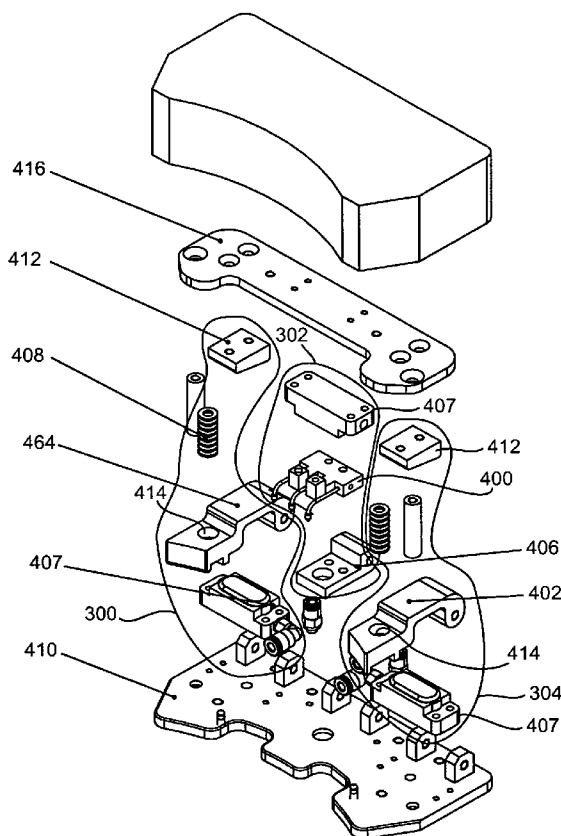


FIG. 4

(57) Abstract: A substrate holding and transporting assembly is disclosed. The substrate holding and transporting assembly includes a base plate and a pair of clamps connected to the base plate in a spaced apart orientation, the spaced apart orientation of the pair of clamps enable support of a substrate with at least two independent points. The substrate holding and transporting assembly also includes an electrode assembly connected to the base plate at a location that is substantially between the pair of clamps. The electrode assembly defined to impart an electrical contact to the substrate when present and held by the pair of clamps.



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