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(71) Applicant (for all designated States except US): **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538-6470 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KEIL, Douglas, L.** [US/US]; 34421 Montgomery Place, Fremont, CA 94555

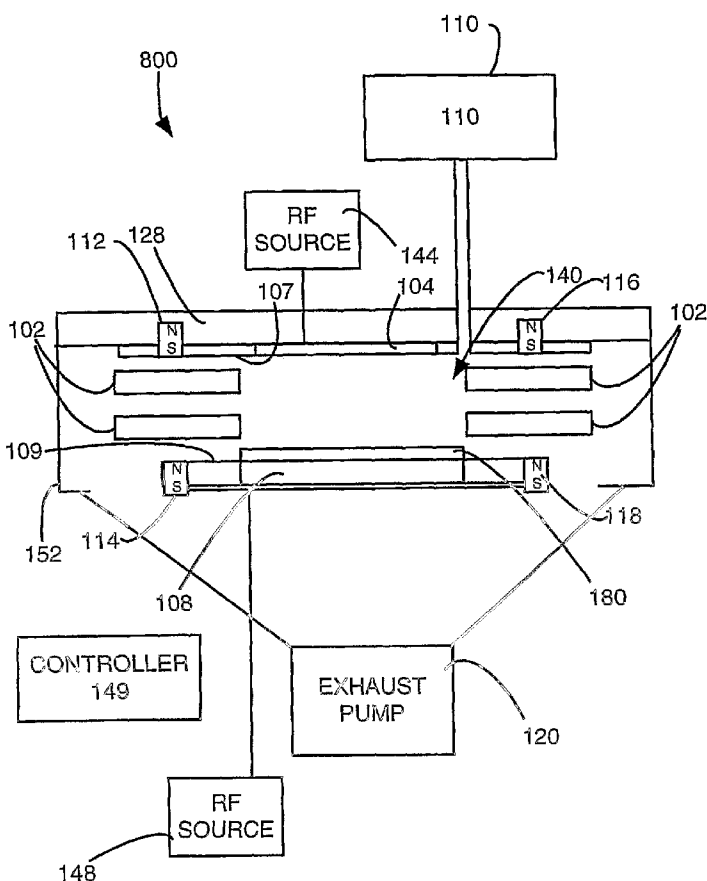
(US). **LI, Lumin** [US/US]; 3480 Tracy Drive, Santa Clara, CA 95051 (US). **HUDSON, Eric, A.** [US/US]; 1820 Catalina Avenue, Berkeley, CA 94707 (US). **SADJADI, Reza** [US/US]; 19413 Vineyard Lane, Saratoga, CA 95070 (US). **LENZ, Eric, H.** [US/US]; 2662 Chocolate Street, Pleasanton, CA 94588 (US). **DHINDSA, Rajinder** [US/US]; 3670 Rolling Side Drive, San Jose, CA 95148 (US). **KIM, Ji, Soo** [KR/US]; 4621 Cochise Court, Pleasanton, CA 94588 (US).

(74) Agent: **VILLENEUVE, Joseph, M.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

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(54) Title: MAGNETIC ENHANCEMENT FOR MECHANICAL CONFINEMENT OF PLASMA



(57) Abstract: A plasma processing apparatus for processing a substrate is provided. A plasma processing chamber with chamber walls is provided. A substrate support is provided within the chamber walls. At least one confinement ring is provided, where the confinement ring and the substrate support define a plasma volume. A magnetic source for generating a magnetic field for magnetically enhancing physical confinement provided by the at least one confinement ring is provided.



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