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

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **DHINDSA, Rajinder** [US/US]; 3670 Rollingside Drive, San Jose, California 95148 (US). **LENZ, Eric** [US/US]; 3601 Pontina Court, Pleasanton, California 94566 (US). **LI, Lumin** [US/US]; 3480 Tracy Drive, Santa Clara, California 95051 (US). **KOZAKEVICH, Felix** [US/US]; 1444 Enderby Way, Sunnyvale, California 94087 (US).

(74) Agent: **SKIFF, Peter, K.**; BUCHANAN INGERSOLL & ROONEY PC, P.o. Box 1404, Alexandria, Virginia 22313-1404 (US).

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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

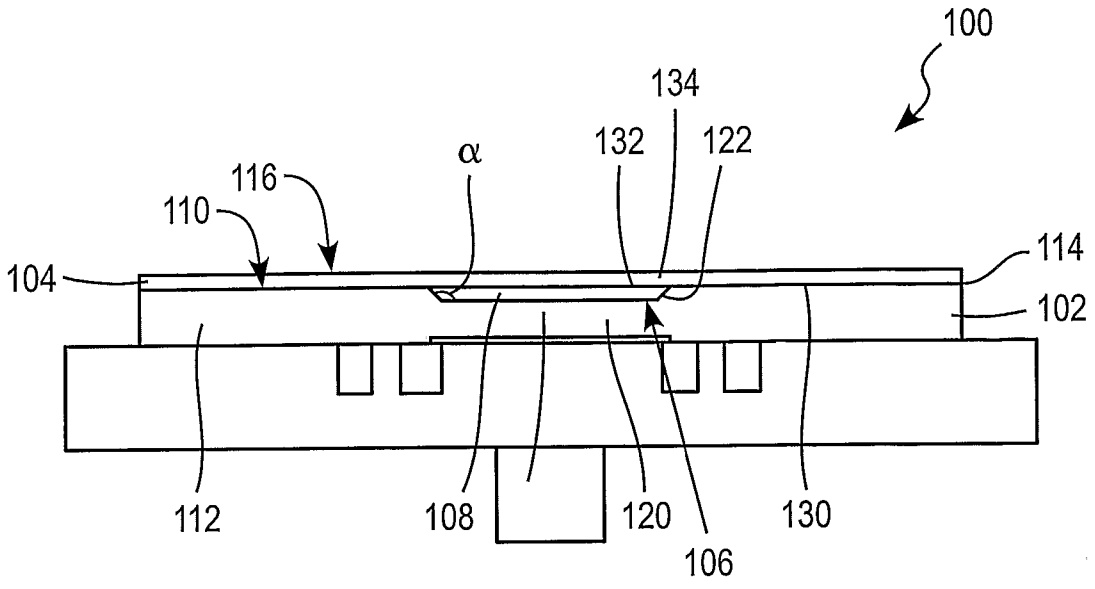
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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(54) **Title:** ELECTROSTATIC CHUCK ASSEMBLY WITH DIELECTRIC MATERIAL AND/OR CAVITY HAVING VARYING THICKNESS, PROFILE AND/OR SHAPE, METHOD OF USE AND APPARATUS INCORPORATING SAME



(57) **Abstract:** An electrostatic chuck assembly (100) having a dielectric material (108) and/or having a cavity (106) with varying thickness, profile and/or shape is disclosed. The electrostatic chuck assembly includes a conductive support (102) and an electrostatic chuck ceramic layer (104). A dielectric layer (108) or insert is located between the conductive support (102) and an electrostatic chuck ceramic layer.

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