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(71) Applicant *(for all designated States except US)*: **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95052-8038 (US).

(72) Inventors: **SUN, Jennifer, Y.**; 106 Oak Haven Place, Mountain View, CA 94041 (US). **DUAN, Ren-guan**; 3645 Independence Road, Fremont, CA 94538 (US). **COLLINS, Kenneth, S.**; 7214 Glenview Drive, San Jose, California 95120 (US).

(74) Agent: **CHURCH, Shirley, L.**; P.O. Box 81146, San Diego, CA 92138 (US).

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Declarations under Rule 4.17:

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

[Continued on next page]

(54) Title: CORROSION-RESISTANT BONDING AGENTS FOR BONDING CERAMIC COMPONENTS WHICH ARE EXPOSED TO PLASMAS

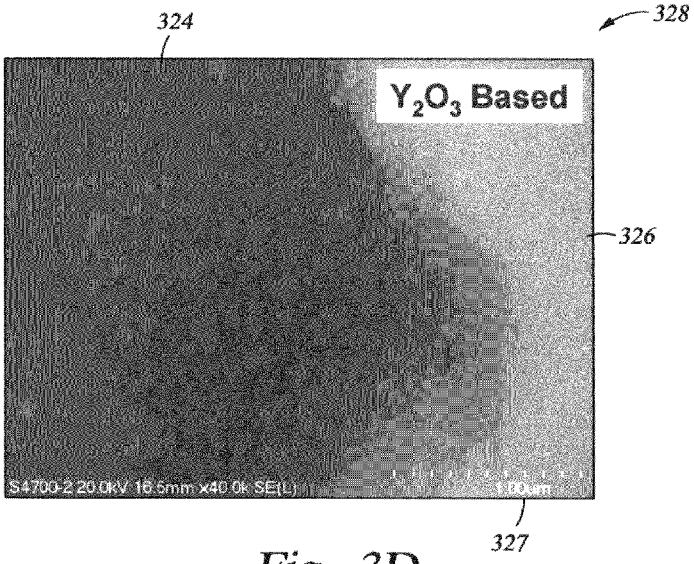

Fig. 3D

(57) Abstract: Embodiments of the invention relate to component structures which are useful as apparatus in plasma processing chambers. Portions of the component structures are bonded together using oxyfluoride-comprising glazes, glass ceramics, and combinations thereof. The bonding material is resistant to halogen-containing plasmas and exhibits desirable mechanical properties.

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