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Obuchi, Fuji-shi, Shizuoka, Shizuoka 417-0801 (JP).
KONDO, Hideaki; 277-572 Magechi, Kumagaya-shi,
Waitama, 360-0161 (JP).

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(74) Agents: PATTERSON, Todd, B. et al.; Moser, Patterson
& Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500,
Houston, TX 77056 (US).

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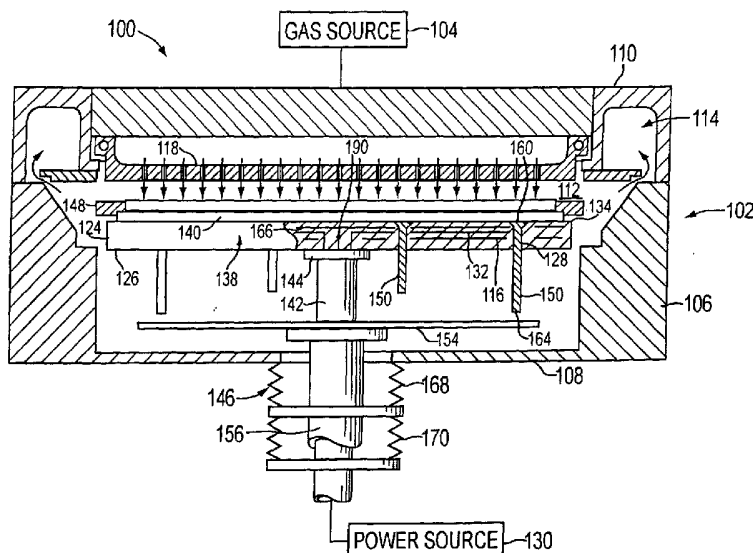
(71) Applicant: APPLIED MATERIALS, INC. [US/US];
3050 Bowers Avenue, Santa Clara, CA 95054 (US).

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(72) Inventors: MATSUMURA, Naomi; 1-38-1 Himurodai,
Hirakata-shi, Osaka, Osaka 573-0115 (JP). KOWAKA,
Masahiko; 5-4-12 Mikatadai, Nishi-ku, Kobe City,
651-2277 (JP). BAGLEY, William, A.; 5845 Pistoia Way,
San Jose, CA 95138 (US). TERASHI, Akira; 2235-354

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SUBSTRATE SUPPORT AND METHOD OF FABRICATING THE SAME



(57) Abstract: A substrate support and method of fabricating the same are provided. Generally, one method of fabrication includes assembling a subassembly comprising a first reinforcing member and a heating element, supporting the subassembly at least 40mm from a bottom of a mold, encapsulating the supported subassembly with molten aluminum, and applying pressure to the molten aluminum. Alternatively, a method of fabrication includes assembling a subassembly comprising a stud disposed through a heating element sandwiched between a first reinforcing member and a second reinforcing member, supporting the subassembly above a bottom of a mold, encapsulating the subassembly disposed in the mold with molten aluminum to form a casting, forming a hole in the casting by removing at least a portion of the stud, and disposing a plug in at least a portion of the hole.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H01L F24C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 885 128 A (DILLS RAYMOND L) 20 May 1975 (1975-05-20) figure 1 column 3 -column 4	21,22
A	US 5 851 298 A (ISHII NOBUO) 22 December 1998 (1998-12-22) column 5	1,13,15, 21,26
A	EP 0 962 961 A (NGK INSULATORS LTD) 8 December 1999 (1999-12-08) figure 1 paragraph '0042!	1,13,15, 21,26

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

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Information on patent family members

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