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(71) Applicant: **DIAMOND INNOVATIONS, INC.** [US/US];
6325 Huntley Road, Worthington, Ohio 43085 (US).

(72) Inventor: **EASLEY, Thomas**; 2603 Brentwood Road,
Bexley, Ohio 43209 (US).

(74) Agents: **DEMAGGIO, Keith** et al.; Diamond Innovations,
Inc., 6325 Huntley Road, Worthington, Ohio 43085 (US).

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(54) Title: BRAZED SUPERABRASIVE ASSEMBLY WITH ACTIVE METAL BRAZE JOINT WITH STRESS RELIEVING LAYER METHOD OF MANUFACTURING OF SUCH ASSEMBLY

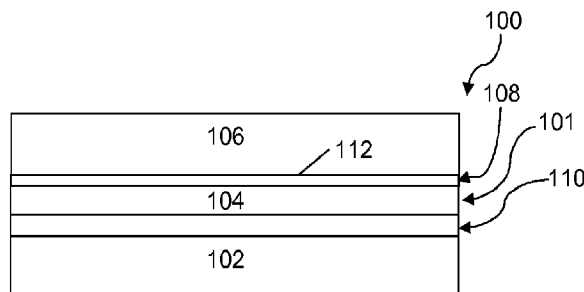


FIG. 1

(57) Abstract: The present disclosure relates to a brazed superabrasive assembly (100) and to a method of producing such brazed superabrasive assembly (100). The brazed superabrasive assembly (100) includes a plurality of braze alloy layers (108, 110) that are positioned opposite a stress relieving layer (104). The stress relieving layer (104) has a solidus temperature that is greater than a solidus temperature of the plurality of braze alloy layers (108, 110).

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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 practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2009/173547 A1 (G. VORONIN ET AL) 9 July 2009 (2009-07-09)	1,4, 7-16, 19-24
Y	paragraphs [0047] - [0050], [0058], [0066]; figures 1-3 -----	4-7
Y	US 2013/022836 A1 (T. C. EASLEY ET AL) 24 January 2013 (2013-01-24) cited in the application paragraph [0009]; claim 2; figures -----	4-7
X	US 2006/254830 A1 (R. P. RADTKE) 16 November 2006 (2006-11-16)	1,3-10, 14-16, 18-24
Y	paragraphs [0034] - [0036]; figure 3 -----	2,17
Y	US 5 049 164 A (R. M. HORTON ET AL) 17 September 1991 (1991-09-17) abstract; claim 6 -----	2,17



Further documents are listed in the continuation of Box C.



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

Authorized officer

Jeggy, Thierry

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