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(74) Agent: **BOOKS, Mark, E.**; Polster, Lieder, Woodruff & Lucchesi, L.C., 12412 Powerscourt Drive, Suite 200, St. Louis, Missouri 63131 (US).

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(71) Applicant (for all designated States except US): **REACTIVE NANOTECHNOLOGIES, INC.** [US/US]; 111 Lake Front Drive, Hunt Valley, Maryland 21030 (US).

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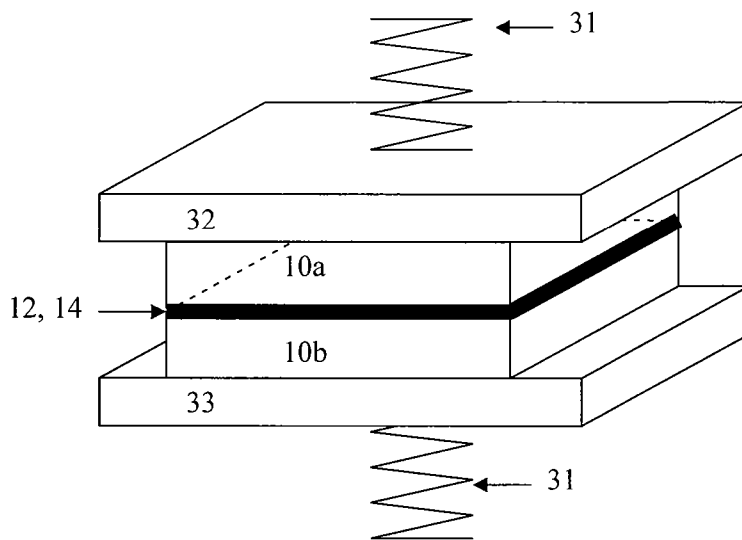
(72) Inventors; and

(75) Inventors/Applicants (for US only): **WEIHS, Timothy, P.** [US/US]; 3422 University Place, Baltimore, Maryland 21218 (US). **DUCKHAM, Alan** [US/US]; 4217 Eastview Road, Baltimore, Maryland 21218 (US). **NEWSON, Jesse, E.** [US/US]; 307 Limestone Valley Dr. Apt. C, Cockeysville, Maryland 21030 (US). **LUNKING, David** [US/US]; 5160 Endymion Lane, Columbia, Maryland 21044 (US).

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(54) Title: REACTIVE MULTILAYER JOINING TO CONTROL THERMAL STRESS



**FIGURE 3**

(57) Abstract: A method for bonding components with a reactive multilayer foil, wherein during bonding, the components are held at a temperature or temperature gradient chosen to reduce thermal stress in the resulting bonded product.

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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC8 B23K 20/12, 3G06F 19/00, B32B 9/00, B23K 31/02

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

Korean Utility models and applications for Utility models since 1975.

Japanese Utility models and applications for Utility models since 1975.

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

eKIPASS (KIPO INTERNAL) 'reactive', 'multilayer', 'bonding', 'temperature'

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y A	KR 10-2006-0019531 A(REACTIVE NANOTECHNOLOGIES INC.) 03 March 2006 See page 6, line 14 to page 14, line 7; claims 1, 19-26	1,2,7,12-14,21,22 3-6, 8-11, 15-20
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 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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