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

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN HEERDEN, David** [ZA/US]; 4209 Eastview Road, Baltimore, MD
21218 (US). **NEWSON, Jesse** [US/US]; 2-D Breeze
Branch Court, Timonium, MD 21093 (US). **RUDE,**

Timothy [US/US]; 2 Buttrick Ct., Apt. 302, Timonium,
MD 21093 (US). **KNIO, Omar, M.** [US/US]; 11970
Mays Chapel Road, Timonium, MD 21093 (US). **WEIHS,**
Timothy, P. [US/US]; 3422 University Place, Baltimore,
MD 21218 (US).

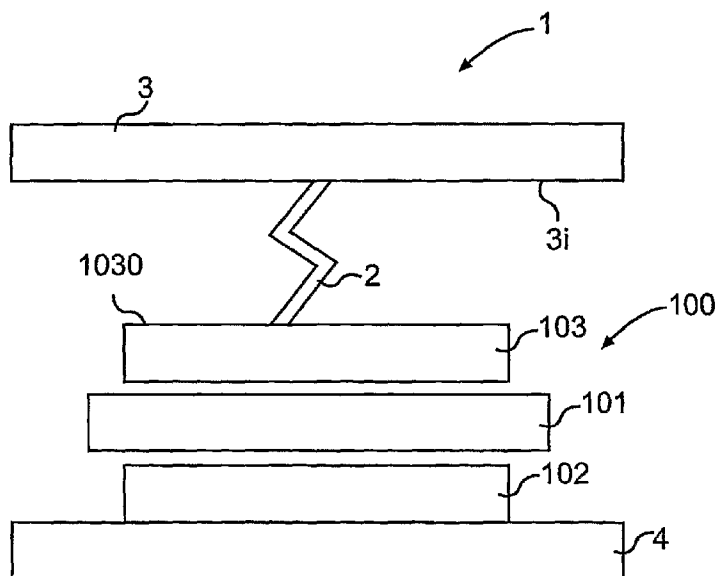
(74) Agent: **GARRETT, Arthur, S.**; Finnegan, Henderson,
Farabow, Garrett & Dunner, L.L.P., 901 New York Avenue,
NW, Washington, D.C. 20001-4413 (US).

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(54) Title: METHODS AND DEVICE FOR CONTROLLING PRESSURE THROUGH A COMPLIANT ELEMENT IN REACTIVE MULTILAYER JOINING AND RESULTING PRODUCT JOINED ACCORDING TO THIS METHOD



(57) Abstract: The invention includes a method of joining two components (102 103). The Method includes providing at least two components (102, 103) to be joined, a reactive multilayer foil (101), and a compliant element (2), placing the reactive multilayer foil (101) between the at least two components (102, 103), applying pressure on the two components (102, 103) in contact with the reactive multilayer foil (101) via the compliant element (2), and initiating a chemical transformation of the reactive multilayer foil (101) so as to physically join the at least two components (102, 103). The invention also includes two components (102, 103) joined using the aforementioned method.

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