

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
3 May 2007 (03.05.2007)

PCT

(10) International Publication Number
WO 2007/050133 A3

(51) International Patent Classification:

B29B 9/00 (2006.01) **C30B 25/00** (2006.01)
C30B 23/00 (2006.01)

(21) International Application Number:

PCT/US2006/021948

(22) International Filing Date: 5 June 2006 (05.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/187,406 22 July 2005 (22.07.2005) US
11/187,407 22 July 2005 (22.07.2005) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

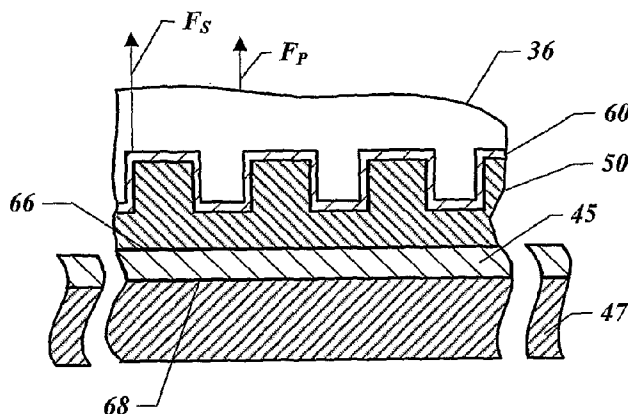
— with international search report

(88) Date of publication of the international search report:

13 December 2007

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: METHOD AND COMPOSITION FOR ADHERING MATERIALS TOGETHER



(57) Abstract: The present invention provides a method adhering a layer to a substrate that features defining first and second interfaces by having a composition present between the layer and the substrate that forms covalent bonds to the layer and adheres to the substrate employing one or more of covalent bonds, ionic bonds and Van der Waals forces. In this manner, the strength of the adhering force of the layer to the composition is assured to be stronger than the adhering force of the layer to the composition formed from a predetermined adhering mechanism, i.e., an adhering mechanism that does not include covalent bonding. Additionally, the present invention is directed to a composition of adhering together first and second materials. The composition features a multi-functional reactive compound that includes a backbone group and first and second functional groups; a cross-linker, and a catalyst. The first functional group is responsive to a first actinic energy to form cross-linked molecules and to adhere a subset of the cross-linked molecules to the first material. The second functional group is responsive to a second actinic energy, differing from the first actinic energy to adhere to the second material.



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