

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 January 2004 (29.01.2004)

PCT

(10) International Publication Number
WO 2004/009492 A3

(51) International Patent Classification⁷: **C07C 13/64**,
C08G 61/00, B82B 1/00, B81B 1/00, 7/02

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(21) International Application Number:
PCT/US2003/022628

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(22) International Filing Date: 17 July 2003 (17.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/397,332 18 July 2002 (18.07.2002) US

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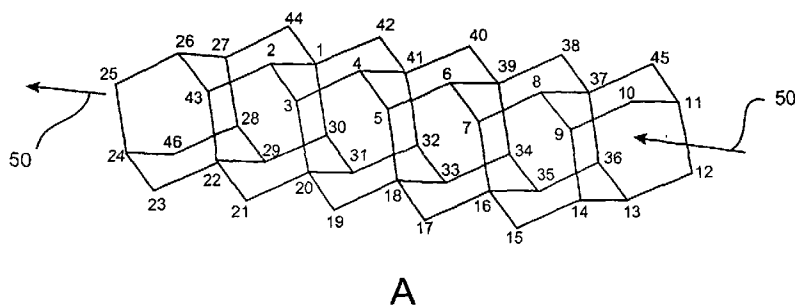
(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 60/397,332 (CIP)
Filed on 18 July 2002 (18.07.2002)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,

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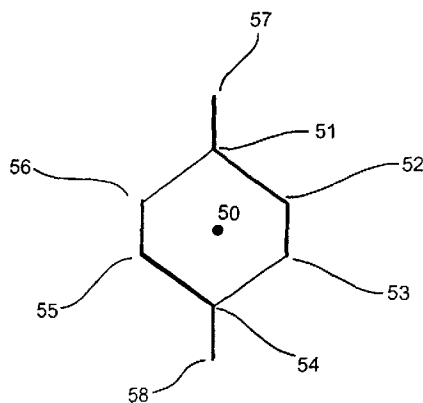
[Continued on next page]

(54) Title: DIAMONDROID-BASED COMPONENTS IN NANOSCALE CONSTRUCTION



A

(57) Abstract: Novel diamondoid-based components that may be used in nanoscale construction are disclosed. Such components include rods, brackets, screws, gears, rotors, and impellers. Subassemblies (or subsystems) may comprise one or more diamondoid components. Exemplary subassemblies include atomic force microscope tips, molecular tachometers and signal waveform generators, and self-assembling cellular membrane pores and channels.



B



SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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

Published:

— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
17 June 2004

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

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