(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/039956 A3

(51) International Patent Classification[7]: B60K 17/32, 7/00

(21) International Application Number:
PCT/US2003/041039

(22) International Filing Date:
23 December 2003 (23.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/449,271	21 February 2003 (21.02.2003)	US
10/639,278	12 August 2003 (12.08.2003)	US
10/639,279	12 August 2003 (12.08.2003)	US

(71) Applicant: LOCKHEED MARTIN CORPORATION [US/US]; 1701 West Marshall Drive, Mail Stop EM-36, Grand Prairie, TX 75051 (US).

(72) Inventors: BECK, Michael, S.; 6105 Lansford Lane, Colleyville, TX 76034 (US). STINCHCOMB, Jon, T; 2117 Rainwood Ct., Arlington, TX 76017 (US). CHUN, Wendell, H.; 4277 E. Greenfinch Dr., Littleton, CO 80126 (US). NIMBLETT, Donald, W.; 3045 Keri Lane, Midlothian, TX 76065 (US). TOMLIN, James, E.; 2210 Wildwood Drive, Grand Prairie, TX 75050 (US). CONRAD, Kevin, L.; 2505 Richmond Circle, Mansfield, TX 76063 (US).

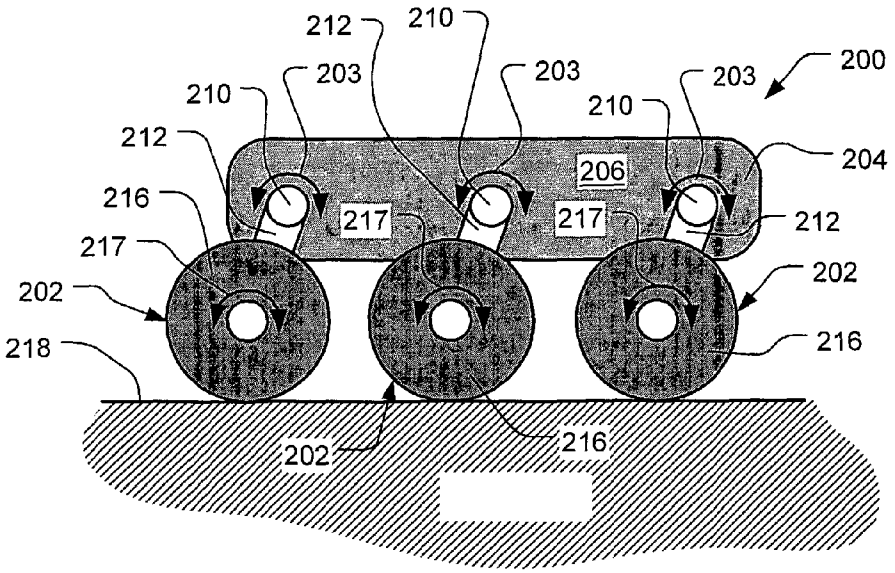
(74) Agent: JEFFREY, A. Pyle; Williams, Morgan & Amerson, 10333 Richmond, Suite 1100, Houston, TX 77042 (US).

(81) Designated States (national): 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, 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, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, 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).

[Continued on next page]

(54) Title: VEHICLE HAVING AN ARTICULATED SUSPENSION AND METHOD OF USING SAME



(57) Abstract: A vehicle includes a chassis and a plurality of wheel assemblies articulated with the chassis, each of the plurality of wheel assemblies comprising a rotatable wheel spaced away from the chassis, and further comprising an articulated suspension system mounted to the chassis and a hub drive. Furthermore a method of operating such is disclosed.

WO 2005/039956 A3

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:
11 August 2005

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.