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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 October 2007 (04.10.2007)

PCT

(10) International Publication Number
WO 2007/109906 A1

(51) **International Patent Classification:**
BOlJ 2/06 (2006.01) ***HOlJ 37/317*** (2006.01)
BOlJ 2/04 (2006.01) ***H05H 1/26*** (2006.01)

(21) **International Application Number:**
PCT/CA2007/000514

(22) International Filing Date: 29 March 2007 (29.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/786,702 29 March 2006 (29.03.2006) US

(71) **Applicant** *(for all designated States except US):* **NORTH¬ WEST METTECH CORPORATION** [CA/CA]; 467 Mountain Highway, North Vancouver, British Columbia V7J 2L3 (CA).

(72) Inventors; and

(75) Inventors/Applicants *(for US only):* **BURGESS, Alan, W.** [CA/CA]; 486 Fairway Drive, North Vancouver, British Columbia V7G 1L5 (CA). **BOGDANOVIC, Nikica** [CA/CA]; 3652 City Edge Place, Vancouver, British Columbia V5S 4R7 (CA).

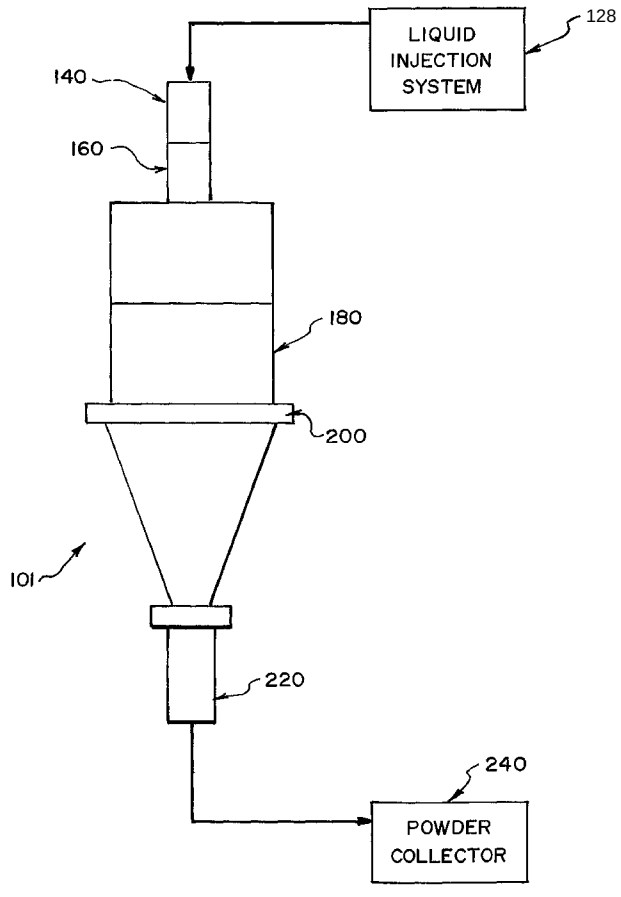
(74) Agent: GREEN, Bruce, M.; Oyen Wiggs Green & MutalaLLP, 480-601 West Cordova Street, Vancouver, British Columbia V6B IGl (CA).

(81) **Designated States** *(unless otherwise indicated, for every kind of national protection available):* AE, AG, AL, AM, **AT, AU, AZ, BA, BB, BG, BH, 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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ,** LA, LC, **LK, LR,** LS, **LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ,** NA, **NG, NI,** NO, **NZ, OM, PG, PH,** PL, **PT, RO, RS, RU,** SC, **SD,** SE, **SG, SK,** SL, **SM,** SV, **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,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR NANOPOWDER AND MICROPOWDER PRODUCTION USING AXIAL INJECTION PLASMA SPRAY



(57) Abstract: A method and system for production of powders, such as micropowders and nanopowders, utilizing an axial injection plasma torch. Liquid precursor is atomized and injected into the convergence area of the plasma torch. The hot stream of particles is subsequently quenched and the resultant powders collected.

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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, MT, 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*

(48) Date of publication of this corrected version:
13 November 2008

(15) Information about Correction:
see Notice of 13 November 2008