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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
7 December 2006 (07.12.2006)

PCT

(10) International Publication Number
WO 2006/129312 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/IL2006/000633

(22) International Filing Date: 31 May 2006 (31.05.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/687,115 2 June 2005 (02.06.2005) US

(71) Applicant *(for all designated States except US)*: **IN MOTION INVESTMENT, LTD.** [—/CN]; Basement, Kwong Loong Tai Building, 1016-8 Tai Nam West Street, Laichikok, Kowloon, Hong Kong (CN).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FULGA, Valentin** [IL/IL]; 7 Helsinki Street, 62996 Tel Aviv (IL). **CLARK, Robert, Michael** [US/TH]; 29/41 Soi Lad Prao 23, Lad Prao Road, Lad Yao, Chatuchak, Bangkok, 10900 (TH). **PORAT, Yael** [IL/IL]; 47 Herzl Street, Hod Hasharon (IL). **BELKIN, Danny** [IL/IL]; 4 Alonim Street, Givat Shmuel (IL). **SCHRIFT, Avner** [IL/IL]; 11 Bekerman Street, Rishon Lezion (IL). **TEICHMAN, Eyal** [IL/IL]; 5 Hatapuach Street, Hod Hasharon (IL).

(74) Agents: **SANFORD T. COLB & CO.** et al.; P.o. Box 2273, 76122 Rehovot (IL).

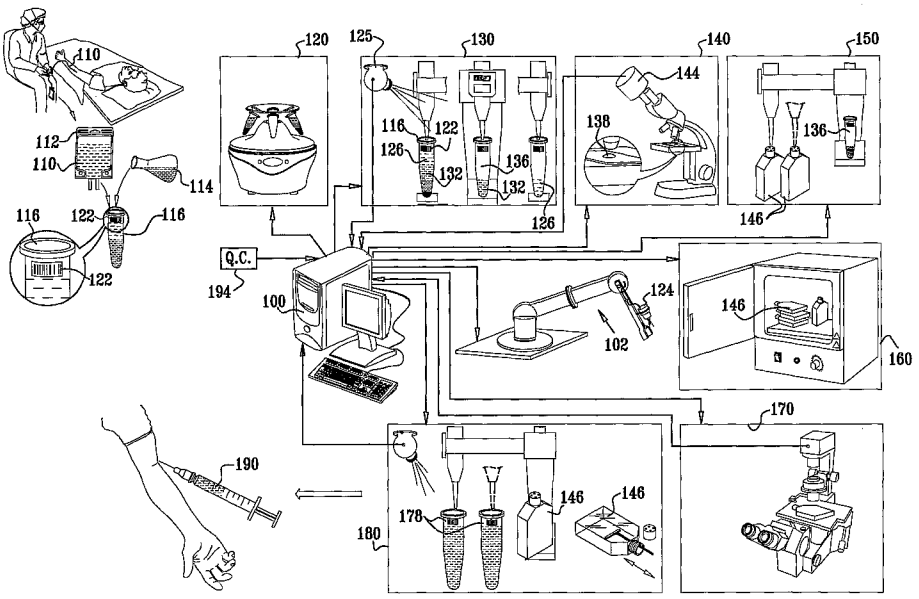
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, 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, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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:
— *without international search report and to be republished upon receipt of that report*

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:** AUTOMATED CELL THERAPY SYSTEM



(57) **Abstract:** A method for automated cell processing is provided, including receiving at least one tissue containing a multiplicity of cells belonging to multiple cell types, and automatically increasing both the proportion of cells of at least one of said multiple cell types as compared with at least another of said multiple cell types and the absolute number of cells of said at least one of said multiple cell types. Other embodiments are also described.

WO 2006/129312 A2