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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 May 2013 (23.05.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/071420 A1

(51) International Patent Classification:
G07C 3/14 (2006.01) *G01N 37/00* (2006.01)
G01N 21/88 (2006.01)

(21) International Application Number:
PCT/CA2012/001066

(22) International Filing Date:
19 November 2012 (19.11.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/561,816 18 November 2011 (18.11.2011) US

(71) Applicant: **FIO CORPORATION** [CA/CA]; 111 Queen Street, Suite 500, Toronto, Ontario M5C 1S2 (CA).

(72) Inventor: **DUPOTEAU, François**; 1411 Glenlake Avenue, Toronto, Ontario M6P 1G2 (CA).

(74) Agent: **FASKEN MARTINEAU DUMOULIN LLP**; Bay Adelaide Centre, 2400-333 Bay Street, Toronto, Ontario M5H 2T6 (CA).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(54) Title: A QUALITY CONTROL SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR USE WITH BIOLOGICAL/ENVIRONMENTAL DIAGNOSTIC TEST DEVICES, USERS AND CONSUMABLES

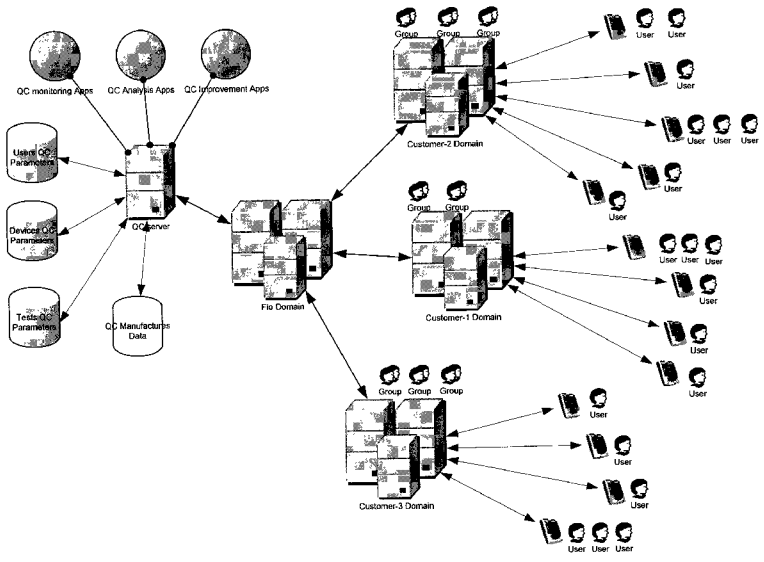


FIGURE 1

(57) Abstract: A quality control (QC) system collects data associated with biological/environmental diagnostic test devices, users and consumables, and identifies corresponding parameters. The system determines when the data are outside the parameters, and then generates corresponding QC improvement data. A database receives and stores the QC improvement data for use in improved QC procedures. A related method and computer readable medium are also disclosed.

WO 2013/071420 A1