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(71) Applicant *(for all designated States except US)*: **DADE BEHRING INC.** [US/US]; 1717 Deerfield Road, Deerfield, IL 60015 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHOW, Allan, Tit-Shing** [US/US]; 109 Banbury Drive, Wilmington, DE 19803 (US). **DEVLIN, William, Jackson, Sr.** [US/US]; 311 Clearfield Drive, Lincoln University, PA 19352 (US). **EVERS, Timothy, Patrick** [US/US]; 616 Hyde Run Drive, Wilmington, DE 19808 (US). **THOMPSON, David, Russell** [US/US]; 515 Silver Fox Road, Kennett Square, PA 19348 (US).

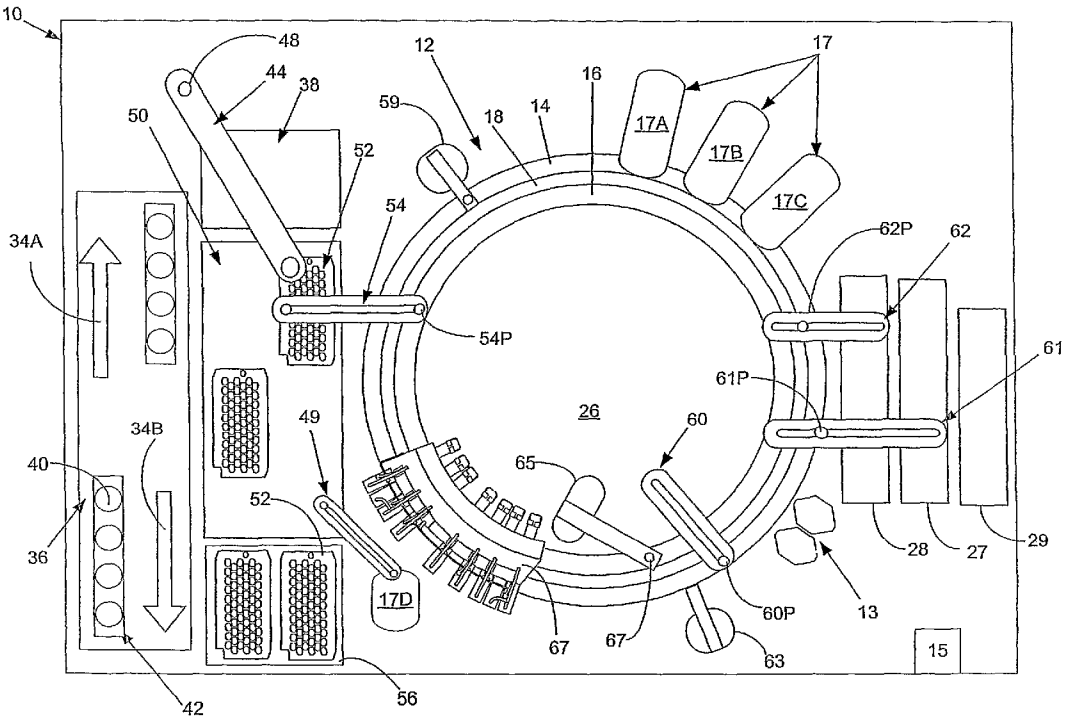
(74) Agents: **TYMESON, Cynthia, G.** et al.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (IL).

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*[Continued on next page]*

(54) Title: AUTOMATED MULTI-DETECTOR ANALYZER




(57) Abstract: An automated analyzer for analyzing patient samples. The analyzer includes a plurality of cuvettes, which allow the samples to be mixed with various reagents. The analyzer includes one or more detectors, including a detector adapted to detect luminescence of the reaction mixture in the cuvettes. The analyzer allows for various diagnostic assays to be performed on a single system, and provides for highsensitivity analysis at faster speeds.

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**Declarations under Rule 4.17:**

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, NA, 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, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, 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, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations 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, NA, 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, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, 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, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

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