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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003572 A3

(51) International Patent Classification[7]: G06F 11/00

(21) International Application Number:
PCT/US2003/020469

(22) International Filing Date: 27 June 2003 (27.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/392,196 28 June 2002 (28.06.2002) US
10/401,495 28 March 2003 (28.03.2003) US

(71) Applicant *(for all designated States except US)*: **TEST ADVANTAGE, INC.** [US/US]; 1525 West Tenth Place, Tempe, AZ 85281 (US).

(72) Inventor; and
(75) Inventor/Applicant *(for US only)*: **GORIN, Jacky** [FR/US]; 9801 North 74th Place, Scottsdale, AZ 85258 (US).

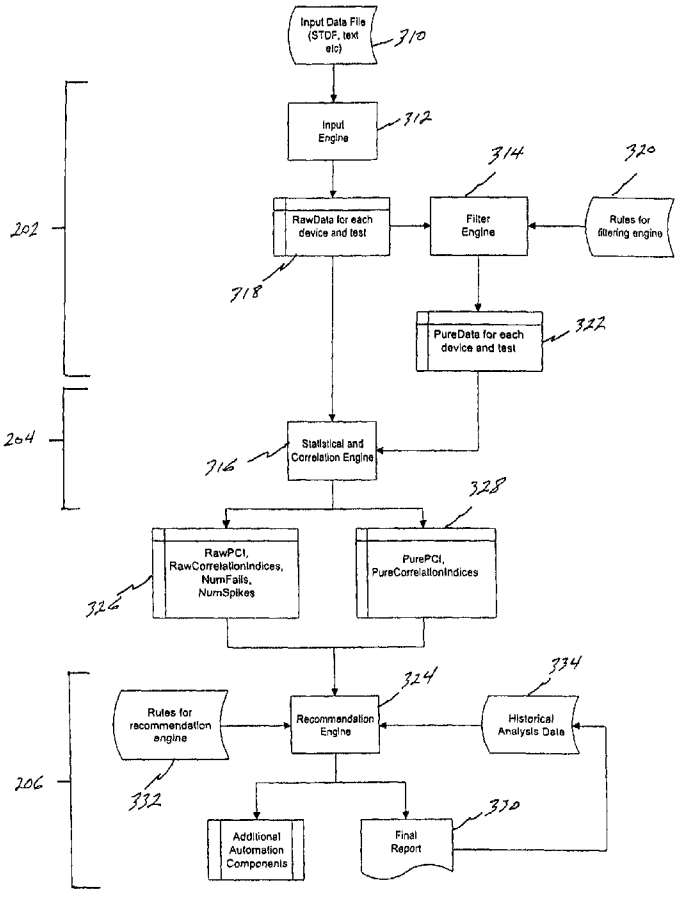
(74) Agent: **NOBLITT, Daniel, J.**; Law Offices of Daniel J. Noblitt, LLC, 3370 North Hayden Road, Suite 123, Box 258, Scottsdale, AZ 85251 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, 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, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (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,

[Continued on next page]

(54) Title: METHODS AND APPARATUS FOR TEST PROCESS ENHANCEMENT



(57) Abstract: A method and apparatus for enhancing a test process according to the present invention includes analyzing test data and generating recommendations for enhancing the test process. Generally, an exemplary test system comprises an analyzing system for analyzing test data generated by the test process and a recommendation system for recommending enhancements to the test process based on the analysis. The exemplary system is configured to generate characteristic values, such as process control statistics, based on raw test data (318). The method and apparatus may also analyze test data that has been filtered (322) to remove selected types of data. Further, the analysis may classify the various tests according to the characteristic values and identify correlations (316) between various tests based on at least one of the raw test data and the filtered test data. The recommendation system (324) suitably recommends enhancements according to the classification of the tests. The tests may be modified accordingly.

WO 2004/003572 A3

SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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:
25 March 2004

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.