

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/050397 A3

(51) International Patent Classification⁷: **G01R 31/28**,
G06F 11/00

(21) International Application Number:
PCT/US2004/038602

(22) International Filing Date:
17 November 2004 (17.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/520,827 17 November 2003 (17.11.2003) US

(71) Applicant (for all designated States except US): **INTERNATIONAL BARCODE CORPORATION** [US/US]; 90
Park Avenue, New York, NY 10016 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LUBOW, Allen**
[US/US]; 692 10th Street, Brooklyn, NY 11215 (US).

(74) Agent: **YU, Frederick**; Brown Raysman Millstein Felder
& Steiner LLP, 900 Third Avenue, New York, NY 10022
(US).

(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, 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, 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, LU, 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:

- 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:
18 May 2006

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: SYSTEM AND METHOD OF ENSURING QUALITY CONTROL OF SOFTWARE

(57) Abstract: A system and method is provided that includes verifying that a computer system generates an output file that conforms to a model output file comprising one or more expected output results. The system and method comprises generating one or more first output results by applying one or more input parameters to a first computer system. It is then verified whether the one or more first output results match the one or more expected results. Upon verification, one or more second output results are then generated by applying the input parameters to a second computer system. The one or more first output results are then verified by electronically comparing them with the one or more second output results. It is verified that the computer system generates an output file that conforms to the model output file and generates a desired result.



WO 2005/050397 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/38602

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01R 31/28; G06F 11/00

US CL : 714/736

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 714/736; 717/124

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,041,330 (Carman et al) 21 March 2000 (21.03.2000), columns 14-15.	1-6, 9, 12-17
Y	US 5,596,714 A (Connell) 21 January 1997 (21.01.1997), column 7, lines 38-43.	1-6, 9, 12-17
Y	US 6,192,477 B1 (Corthell) 20 February 2001 (20.02.2001), column 6, lines 1-3.	7, 8
Y	US 5,028,772 A (Lapinski et al) 02 July 1991 (02.07.1991), column 2, lines 59-62.	10, 11



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

Date of the actual completion of the international search

13 January 2006 (13.01.2006)

Date of mailing of the international search report

23 MAR 2006

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Albert Decady

Telephone No. 571-272-3819