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- (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, 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, 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.

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Declarations under Rule 4.17:

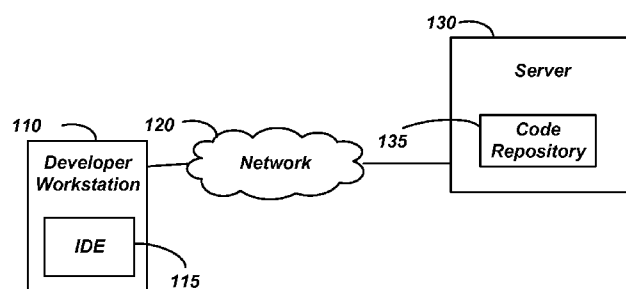
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

11 April 2013

(54) **Title:** PATTERN ANALYSIS AND PERFORMANCE ACCOUNTING**FIG. 1****100**

(57) **Abstract:** A performance accounting framework may be provided. Upon receiving a section of source code associated with an application, an evaluation may be performed on the section of source code. A performance metric may be calculated according to the at least one evaluation and a report of the calculated performance metric may be provided.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/042249**A. CLASSIFICATION OF SUBJECT MATTER****G06F 11/28(2006.01)i, G06F 11/36(2006.01)i**

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)

G06F 11/28; G06F 9/44; G06F 9/45

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: section, code, flow graph, performance

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2005-0044538 A1 (SRINIVAS MANTRIPRAGADA) 24 February 2005 See paras. 83-129; and figs. 18-19.	1-8 9-10
A	US 2008-0195999 A1 (YOSSI COHEN et al.) 14 August 2008 See paras. 21-54; and fig. 4.	1-10
A	US 2006-0101435 A1 (ALEX AKILOV et al.) 11 May 2006 See paras. 49-86; and figs. 1B, 3A.	1-10
A	US 7861226 B1 (DENNIS C. EPISKOPOS et al.) 28 December 2010 See col. 14, line 6 - col. 16, line 49; and fig. 10.	1-10
A	KR 10-1999-0048441 B1 (KOREA ELECTRONICS & TELECOMMUNICATIONS RESEARCH INSTITUTE) 5 June 2001 See page 6, line 1 - page 9, line 29; and fig 9.	1-10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means

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"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

"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

"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

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Date of the actual completion of the international search

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Date of mailing of the international search report

30 JANUARY 2013 (30.01.2013)

Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005-0044538 A1	24.02.2005	None	
US 2008-0195999 A1	14.08.2008	US 2008-196012 A1	14.08.2008
US 2006-0101435 A1	11.05.2006	None	
US 7861226 B1	28.12.2010	US 7886272 B1 US 7945898 B1	08.02.2011 17.05.2011
KR 10-1999-0048441 B1	21.06.2002	None	