



(43) International Publication Date
20 December 2012 (20.12.2012)

(51) International Patent Classification:
G06Q 20/14 (2012.01) *G06Q 50/10* (2012.01)

(21) International Application Number:
PCT/US2011/040368

(22) International Filing Date:
14 June 2011 (14.06.2011)

(25) Filing Language: English

(26) Publication Language: English

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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, RO, RS, RU, SC, SD, SE, SG,

[Continued on next page]

(54) Title: PEAK-PERFORMANCE-AWARE BILLING FOR CLOUD COMPUTING ENVIRONMENT

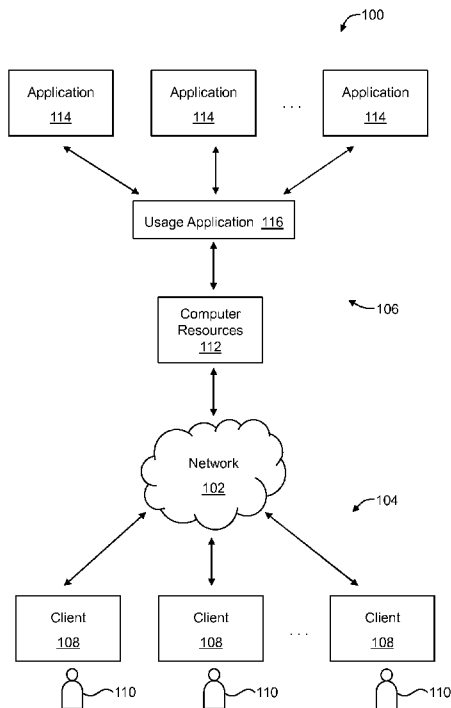
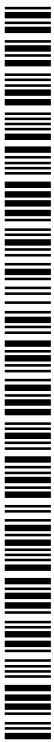


FIG. 1

(57) Abstract: In some examples, a method is described that may include determining, by a computing device, from a service level agreement (SLA) with a user, an upper limit on computer resources in a cloud computing environment that can be consumed per unit time by at least one application executed for the user in the cloud computing environment. The method may also include charging a fixed cost per period under the SLA.





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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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))
- 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:

19 December 2013

A. CLASSIFICATION OF SUBJECT MATTER**G06Q 20/14(2012.01)i, G06Q 50/10(2012.01)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)

G06Q 20/14; G06F 15/16; G06F 15/173; H04L 12/24; G06Q 30/00; G06F 9/46; G06Q 10/00; G06Q 50/10

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: cloud, resource, SLA, charge, cost, limit, allocation

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2010-0088205 A1 (JAMES A. ROBERTSON) 08 April 2010 See paragraphs [0011],[0014],[0026]-[0027], claims 1,8,10 and figure 1.	1-25
Y	US 2008-0235119 A1 (VIKAS AGARWAL et al.) 25 September 2008 See paragraphs [0039],[0074],[0101],[0103], claims 1,8 and figures 1-2,4.	1-25
Y	US 7320131 B1 (JAMES W. O'TOOLE, JR.) 15 January 2008 See abstract, claim 1 and figures 1,3A.	2
A		1,3-25
A	US 2011-0099095 A1 (GEORGE M. MOORE et al.) 28 April 2011 See abstract, claims 1,3,9 and figures 3-4.	1-25
A	KR 10-2010-0069538 A (KOREA ADVANCED INST SCI & TECH) 24 June 2010 See abstract, claims 1,19-20 and figure 1.	1-25

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

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"&" document member of the same patent family


Date of the actual completion of the international search

21 October 2013 (21.10.2013)

Date of mailing of the international search report

21 October 2013 (21.10.2013)

Name and mailing address of the ISA/KR


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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2011/040368

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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