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

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 28 January 2010 (28.01.2010)

(10) International Publication Number WO 2010/011749 A3

(51) International Patent Classification: G06Q 50/00 (2006.01)

(21) International Application Number:

PCT/US2009/051403

(22) International Filing Date:

22 July 2009 (22.07.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/082,666

22 July 2008 (22.07.2008)

US

(71) Applicant (for all designated States except US): SONY ONLINE ENTERTAINMENT LLC [US/US]; 8928 Terman Court, San Diego, CA 92121 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): CARPENTER, Jeff [US/US]; 8928 Terman Court, San Diego, CA 92121

(74) Agent: WIECZOREK, Mark, D.; Mayer & Williams PC, 251 North Avenue West, Westfield, NJ 07090 (US).

(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, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

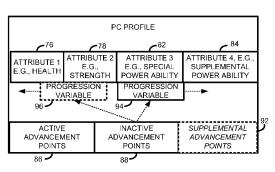
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, 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: 14 May 2010

(54) Title: SYSTEM AND METHOD FOR PROGRESSING CHARACTER ABILITIES IN A SIMULATION

FIG. 3



(57) Abstract: Systems and methods are provided to alter one or more characteristics of a digital object or profile, such as developing a character in an online computer game. Using the systems and methods, a user of a computer system, e.g., a player of a computer game, can control how digital objects develop over time both through the direct use of that object by the user as well as by the passage of units of time.







International application No. **PCT/US2009/051403**

A. CLASSIFICATION OF SUBJECT MATTER

G06Q 50/00(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)

G06Q 50/00; A63F 13/00; A63F 9/24; G06F 17/00; G06F 19/00

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

(Chinese Patents and application for patent)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: GAME, TIME, PROGRESS, POINT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Y	US 2002-0160835 A1 (KENJI FUJIOKA et al.) 31 October 2002 See abstract; claims 1, 11; paragraph [0072]	1-25	
Y	US 2004-0259614 A1 (MACHIDA MATSUZO) 23 December 2004 See abstract; claims 1, 3; figure 4	1-25	
A	US 2008-0146335 A1 (TORIYAMA MOTOMU) 19 June 2008 See abstract; claim 1	1-25	
A	US 2005-0113164 A1 (KURT BUECHELER et al.) 26 May 2005 See abstract; claim 1	1-25	

		Further documents are l	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
- "E" earlier application or patent but published on or after the international
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other
- "P" document published prior to the international filing date but later than the priority date claimed
- "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
- "&" document member of the same patent family

Date of mailing of the international search report

Date of the actual completion of the international search

03 MARCH 2010 (03.03.2010)

04 MARCH 2010 (04.03.2010)

Authorized officer

Name and mailing address of the $\ensuremath{\mathsf{ISA/KR}}$



Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seogu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

YUK, SEONG WON

Telephone No. 82-42-481-8213



INTERNATIONAL SEARCH REPORT

International application No.

Cited in search report date member(s) date US 2002-0160835 A1 31.10.2002 EP 1172131 A2 16.01.20 EP 1172131 A3 21.08.20 JP 03343099 B2 11.11.20 JP 2001-252472 A 18.09.20 US 6679774 B2 20.01.20 US 2004-0259614 A1 23.12.2004 CN 1573793 A 02.02.20 JP 04191546 B2 03.12.20 JP 2005-006942 A 13.01.20 JP 2005-006942 A 13.01.20 JP 2005-006943 A 13.01.20 JP 2005-006944 A 13.01.20 KR 10-0692353 B1 09.03.20 KR 10-2004-0111128 A 31.12.20 TW 288015 A 11.10.20 US 7223174 B2 29.05.20 US 2008-0146335 A1 19.06.2008 JP 04340725 B2 17.07.20 JP 2008-110143 A 15.05.20 US 2005-0113164 A1 26.05.2005 US 2006-0089193 A1 27.04.20 US 2008-0261673 A1 23.10.20	Information on patent family members		161/0	S2009/051403
EP 1172131 A3 21.08.20 JP 03343099 B2 11.11.20 JP 2001-252472 A 18.09.20 US 6679774 B2 20.01.20 US 2004-0259614 A1 23.12.2004 CN 1573793 A 02.02.20 JP 04191546 B2 03.12.20 JP 04197464 B2 17.12.20 JP 2005-006942 A 13.01.20 JP 2005-006943 A 13.01.20 JP 2005-006944 A 13.01.20 KR 10-0692353 B1 09.03.20 KR 10-2004-0111128 A 31.12.20 TW 288015 A 11.10.20 US 7223174 B2 29.05.20 US 2008-0146335 A1 19.06.2008 JP 04340725 B2 17.07.20 JP 2008-110143 A 15.05.20 US 2008-0113164 A1 26.05.2005 US 2006-0089193 A1 27.04.20 US 2008-0261673 A1 23.10.20				Publication date
JP 04191546 B2 03.12.20 JP 04197464 B2 17.12.20 JP 2005-006942 A 13.01.20 JP 2005-006943 A 13.01.20 JP 2005-006944 A 13.01.20 KR 10-0692353 B1 09.03.20 KR 10-2004-0111128 A 31.12.20 TW 288015 A 11.10.20 US 7223174 B2 29.05.20 US 2008-0146335 A1 19.06.2008 JP 04340725 B2 17.07.20 JP 2008-110143 A 15.05.20 US 2005-0113164 A1 26.05.2005 US 2006-0089193 A1 27.04.20 US 2008-0261673 A1 23.10.20	US 2002-0160835 A1	31.10.2002	EP 1172131 A3 JP 03343099 B2 JP 2001-252472 A	16.01.2002 21.08.2002 11.11.2002 18.09.2001 20.01.2004
US 2005-0113164 A1 26.05.2005 US 2006-0089193 A1 27.04.20 US 2008-0261673 A1 23.10.20	US 2004-0259614 A1	23.12.2004	JP 04191546 B2 JP 04197464 B2 JP 2005-006942 A JP 2005-006943 A JP 2005-006944 A KR 10-0692353 B1 KR 10-2004-0111128 A TW 288015 A	02.02.2005 03.12.2008 17.12.2008 13.01.2005 13.01.2005 09.03.2007 31.12.2004 11.10.2007 29.05.2007
US 2008-0261673 A1 23.10.20	US 2008-0146335 A1	19.06.2008		17.07.2009 15.05.2008
	US 2005-0113164 A1	26.05.2005	US 2008-0261673 A1	27.04.2006 23.10.2008 23.10.2008