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

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 7 April 2011 (07.04.2011)

(10) International Publication Number WO 2011/041664 A3

(51) International Patent Classification: *G06Q 30/00* (2006.01)

(21) International Application Number:

PCT/US2010/051104

(22) International Filing Date:

1 October 2010 (01.10.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/248,382 2 October 2009 (02.10.2009)

US

- (71) Applicants (for all designated States except US): SONY CORPORATION [JP/JP]; 1-7-1 Konan, Minato-ku, Tokyo, 1080075 (JP). SONY PICTURES ENTERTAINMENT INC. [US/US]; 10202 W. Washington Blvd., Culver City, CA 90232 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): POTTER, Charles [US/US]; 28570 Herrera St., Valencia, CA 91354 (US).
- (74) Agents: WIECZOREK, Mark et al.; Mayer & Williams PC, 251 North Avenue West, 2nd Floor, 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, TH, TJ, TM, TN, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

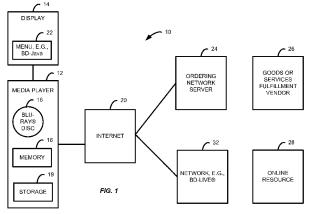
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, 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:

4 August 2011

(54) Title: SYSTEM AND METHOD FOR ORDERING GOODS AND SERVICES USING BLU-RAY DISC PLAYBACK



(57) Abstract: Systems and methods are provided to implement a technique for requesting goods or services using an item of content or media. In one implementation, a system provides a mechanism to place food service orders over or using BDs. The food menu is presented to the user using BD Java graphics. After the user selects the food and destination, an order is placed within a network server which relays the request to a food service fulfillment vendor. The order can be coupled with the AACS DeviceAttribute for storing user preferences. An additional function is to have the order coupled with MediaAttribute to, e.g., offer food service as a loyalty program. This allows for title-specific promotions and may be used to determine the food service fulfillment vendors.





International application No. **PCT/US2010/051104**

A. CLASSIFICATION OF SUBJECT MATTER

G06O 30/00(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 30/00; H04N 7/173; H04H 20/00; H04H 9/00; G06F 17/30

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: media player, menu selection, order

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| Y | WO 2008-136630 A1 (JEONG, H. B.) 13 November 2008 See abstract, pages 7-12 and figure 1. | 1-27 |
| Y | US 2005-0022226 A1 (ACKLEY, J. et al.) 27 January 2005 See abstract, paragraphs [0028]-[0046] and claims 1-3,12. | 1-25 |
| Y | US 2008-0199042 A1 (SMITH, L. M.) 21 August 2008 See abstract, figure 4 and paragraphs [0011]-[0012],[0016], [0048]. | 5,13,26-27 |
| Y | WO 2004-072762 A2 (INFORMATION CORE TECHNOLOGIES,LTD. et al.) 26 August 2004 See abstract and claim 1. | 5,13,26-27 |
| A | US 2008-0113614 A1 (ROSENBLATT, M.) 15 May 2008 See abstract and paragraphs [0028],[0072]-[0085]. | 1-27 |
| A | US 2007-0118442 A1 (COLLAS, J. et al.) 24 May 2007 See abstract, paragraphs [0021]-[0039] and claims 1-3,5. | 1-27 |
| | | |
| | | |

| Further documents are listed in the continuation of Bo | хC. |
|--|-----|
|--|-----|

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 filing date
- "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
13 JUNE 2011 (13.06.2011)

14 JUNE 2011 (14.06.2011)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office Government Complex-Daejeon, 189 Cheongsa-ro, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

HONG, Kyoung hee

Telephone No. 82-42-481-5781



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2010/051104

| W0 2008-136630 A1 US 2005-0022226 A1 | 13.11.2008 | JP 2010-529702 A KR 10-0824197 B1 | 26.08.2010 21.04.2008 |
|--------------------------------------|------------|--------------------------------------|--------------------------|
| HS 2005-0022226 A1 | | | |
| US 2005_0022226 A1 | | KR 10-2009-0002221 A | 09.01.2009 |
| US ZUUS UUZZZZU AI | 27.01.2005 | AU 2004-252811 A1 | 06.01.2005 |
| | | AU 2004-252811 B2 | 04.12.2008 |
| | | CA 2527160 A1 | 06.01.2005 |
| | | CN 101288301 A | 15.10.2008 |
| | | EP 1629362 A2 | 01.03.2006 |
| | | GB 0523986 D0 | 04.01.2006 |
| | | GB 2418506 A | 29.03.2006 |
| | | JP 2007-526658 A | 13.09.2007 |
| | | JP 4478678 B2 | 09.06.2010 |
| | | KR 10-2006-0022675 A | 10.03.2006 |
| | | KR 10-2010-0101187 A | 16.09.2010 |
| | | MX PA05013030 A | 02.03.2006 |
| | | WO 2005-001613 A2 | 06.01.2005 |
| | | WO 2005-001613 A3 | 26.03.2009 |
| US 2008-0199042 A1 | 21.08.2008 | AU 2001-85294 A1 | 04.03.2002 |
| | | AU 2009-215523 A1 | 27.08.2009 |
| | | EP 2260645 A1 | 15.12.2010 |
| | | JP 2011-515732 A | 19.05.2011 |
| | | US 07337127 B1 | 26.02.2008 |
| | | WO 2002-017202 A2 | 28.02.2002 |
| | | WO 2009-105577 A1 | 27.08.2009 |
| WO 2004-072762 A2 | 26.08.2004 | JP 2006-518070 A | 03.08.2006 |
| | | KR 10-2005-0106440 A | 09.11.2005 |
| | | WO 2004-072762 A3 | 26.08.2004 |
| US 2008-0113614 A1 | 15.05.2008 | None | |
| US 2007-0118442 A1 | 24.05.2007 | None | |