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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 March 2006 (16.03.2006)

PCT

(10) International Publication Number
WO 2006/029242 A3

(51) International Patent Classification:
G06Q 10/00 (2006.01) *G06F 15/00* (2006.01)
G06Q 30/00 (2006.01) *G06F 17/30* (2006.01)
G06Q 40/00 (2006.01) *G01C 21/34* (2006.01)
G06F 9/46 (2006.01)

(21) International Application Number:
PCT/US2005/031938

(22) International Filing Date:
7 September 2005 (07.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/607,643 7 September 2004 (07.09.2004) US

(71) Applicant *(for all designated States except US)*: **TRAVELOCITY.COM LP** [US/US]; 3150 Sabre Drive, Southlake, TX 76092 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **ABRAMS, Rachel** [US/US]; 39 W. 87th Street # 4B, New York, NY 10024 (US). **ALBERT, Robert** [US/US]; 44 West 10th Street #7E, New York, NY 10011 (US). **TASSONE, Damon** [US/US]; 56 Morton Street #4E, New York, NY 10014 (US). **WEBER, Tracey** [US/US]; 645 West End Avenue #7D, New York, NY 10025 (US). **YONG, David** [US/US]; 215 West 9th Street #5E, New York, NY 10025 (US).

(74) Agents: **CARLIN, Gregory, J.** et al.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

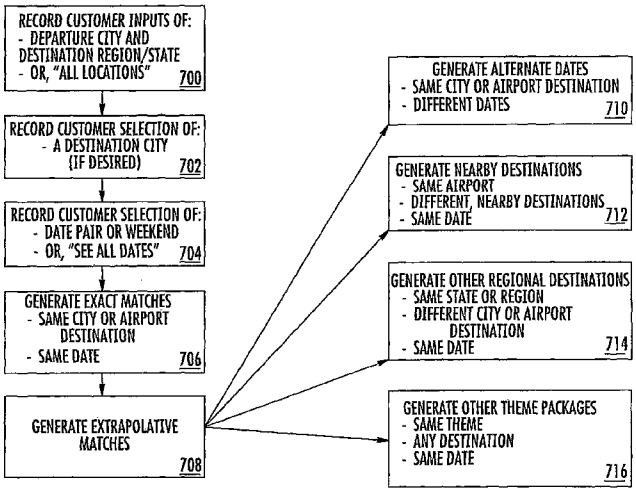
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, 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, LT, LU, LV, 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*

[Continued on next page]

(54) Title: SYSTEM, METHODS AND COMPUTER PROGRAM PRODUCTS FOR OFFERING PRODUCTS BASED ON EXTRAPOLATION OF INPUTS



(57) Abstract: A computer system for extrapolating from relatively small amounts of information (700,702,704) provided by a consumer to generate a wide range oftravel options (710,712,714) that are still associated with the information provided by the consumer. For example, the system includes processes for generating or finding travel packages (706) with exactly matching travel dates and destinations supplied by the consumer. In addition, the system includes processes for varying the dates of travel by several days, or proximate weekends, and the destination of travel with nearby or regional destinations, so as to generate or find additional travel options (710,712,714). Further, the system can be configured to extract a theme of the consumer requested information and to use this theme to construct or find travel packages (716) with similar or matching themes.

WO 2006/029242 A3

— *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:
1 March 2007

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.