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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
9 October 2014 (09.10.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/164839 A3

(51) International Patent Classification:
G06Q 30/00 (2012.01)

(21) International Application Number:
PCT/US2014/023597

(22) International Filing Date:
11 March 2014 (11.03.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/777,968	12 March 2013 (12.03.2013)	US
61/791,008	15 March 2013 (15.03.2013)	US
14/200,328	7 March 2014 (07.03.2014)	US

(71) Applicant: **UNITED PARCEL SERVICE OF AMERICA, INC.** [US/US]; 55 Glenlake Parkway, NE, Atlanta, GA 30328 (US).

(72) Inventors: **LIEVENS, Daniel**; Ottekant 48, B-9551 Ressengem (BE). **DETHIER, Vincent**; 7 Clos A J Seghers, B-1200 Brussels (BE). **HENDERICKX, Peter**; Van Der Meerschen 15, B-1150 Brussels (BE). **PIRENNE, Luc**; Avenue Calypso 21, B-1170 Brussels (BE).

(74) Agent: **BRIENT, Scott, E.**; Brient Globerman, LLC, 1175 Grimes Bridge Road, Suite 100, Roswell, GA 30075 (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, BN, 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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,

[Continued on next page]

(54) Title: SYSTEMS AND METHODS OF FLEXIBILITY ACTIVATING TEMPORARY ATTENDED DELIVERY/PICKUP LOCATIONS

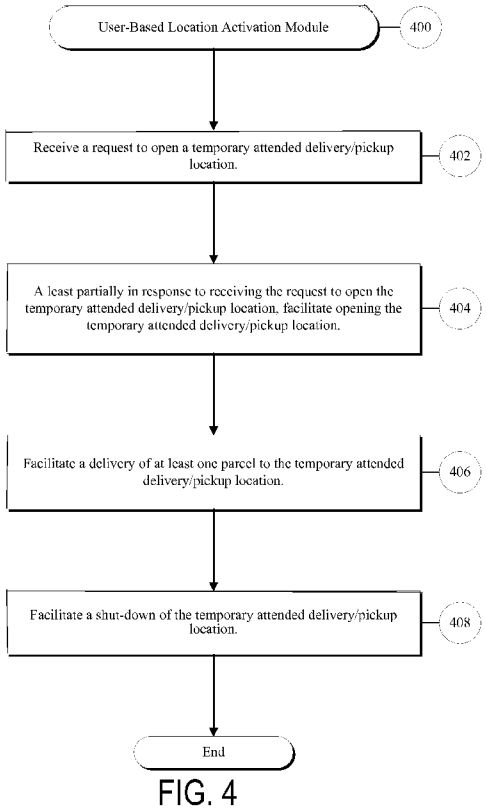


FIG. 4

(57) Abstract: A system and method for activating temporary attended delivery/pickup locations is described. The system receives a desired area for a temporary attended delivery/pickup location (e.g., near a event). The system then receives location information associated with one or more inactive temporary attended delivery/pickup locations. The system, in various embodiments, determines that at least one inactive temporary attended delivery/pickup location is in and/or near the desired area. The system then, in a particular embodiment, notifies a user that the inactive temporary attended delivery/pickup location is in and/or near the desired area. In various embodiments, the system receives a request to activate the temporary attended delivery/pickup location and, at least partially in response to receiving the request, activates the at least one inactive temporary attended delivery/pickup location.

WO 2014/164839 A3

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, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

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:
13 August 2015

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 14/23597

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06Q 30/00 (2015.01)
CPC - G06Q 10/08
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)
IPC(8): G06Q 30/00 (2015.01)
CPC: G06Q 10/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 705/330 or 705/339; IPC(8): G06Q 30/00 (2015.01)
CPC: G06Q 10/08 or G06Q 10/0836 or G06Q 30/0601 or G07F 11/007 or G07F 17/12

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Patbase; Google Scholar; delivery, pickup, location, active, open, temporary substitute, concert, event, deport, kiosk, retailer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2012/0030133 A1 (Rademaker) 02 February 2012 (02.02.2012) entire document (especially abstract, para [0052]-[0053], [0058]-[0059], [0089]-[0094], Fig 8b and 9)	1-18
Y	US 2009/0106124 A1 (Yang) 23 April 2009 (23.04.2009) entire document (especially para [0084]-[0097], [0257]-[0260])	19-23
Y	US 2002/0016726 A1 (Ross) 07 February 2002 (07.02.2002) (para [0028], [0076]-[0081])	1-23
Y	US 2010/0121689 A1 (Wallace et al.) 13 May 2010 (13.05.2010) (para [0030], [0041]-[0043], [0050])	4-18, 20-23

☐ Further documents are listed in the continuation of Box C. ☐

* 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 another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"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 the actual completion of the international search	Date of mailing of the international search report
11 May 2015 (11.05.2015)	09 JUN 2015
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-8300	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/210 (second sheet) (January 2015)