



- (51) International Patent Classification:
G06F 17/30 (2006.01)
- (21) International Application Number:
PCT/US2013/073021
- (22) International Filing Date:
4 December 2013 (04.12.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/693,145 4 December 2012 (04.12.2012) US
- (71) Applicant: EBAY INC. [US/US]; 2145 Hamilton Avenue,
San Jose, CA 95125 (US).
- (72) Inventor: ZISES, Matthew, Scott; 378 Adeline Avenue,
San Jose, CA 95136 (US).
- (74) Agents: SCHEER, Bradley, W. et al.; P.O. Box 2938,
Minneapolis, MN 55402 (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, 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).

[Continued on next page]

(54) Title: DYNAMIC GEOFENCE BASED ON MEMBERS WITHIN

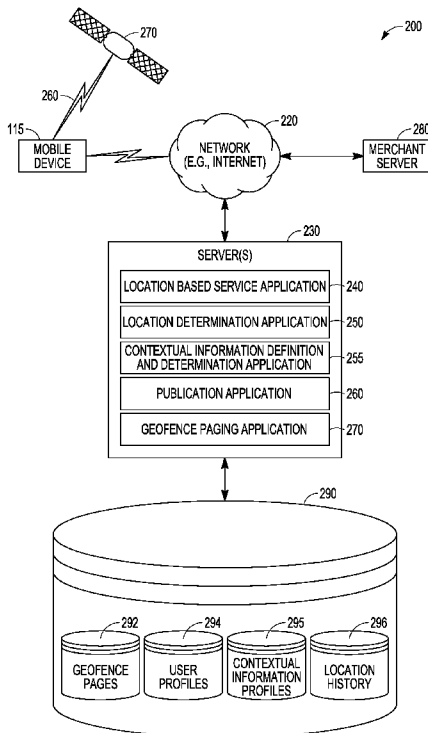


FIG. 2

(57) Abstract: One example embodiment relates to a method that comprises receiving, via a first portable electronic device, contextual information and a geolocation relating to a first user in a network-based system; receiving, via second portable electronic device, contextual information and a geolocation relating to a second user in the network-based system; identifying a common element in the received contextual information relating to the first user, and the received contextual information relating to the second user; and in response to an identification of the common element, defining a boundary for a geofence based on the geolocation of the first or second users.



Published:

(88) Date of publication of the international search report:

16 October 2014

- *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))*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 13/73021

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/30 (2014.01)

USPC - 455/456.1

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) - G06F 17/30 (2014.01)

USPC - 455/456.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 707/736, 707/E17.06, 707/802, 370/338, 370/252, 455/456.1, 455/457, 455/41.2 (See Keywords Below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Thomsoninnovation.com; Patbase; Google Scholar; Google Patents; Gogole.com; Freepatentsonline; ProQuest Dialog
Search Terms: location, geolocation, geography, geofence, boundary, zone, region, area, define, create, construct, generate, context, relevance, interest, profile, activity, history, compare, match, similar, user, member, mobile, device,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2012/0047565 A1 (PETERSEN), 23 February 2012 (23.02.2012), entire document, especially Abstract; para [0005], [0006], [0038], [0056], [0104]	1-27
Y	US 2012/0008526 A1 (BORGHEI), 12 January 2012 (12.01.2012), entire document, especially Abstract; para [0005], [0014], [0087], [0099], [0111]	1-27
A	US 2011/0145089 A1 (KHUNGER et al.), 16 June 2011 (16.06.2011), entire document	1-27
A	US 2011/0137813 A1 (STEWART), 09 June 2011 (09.06.2011), entire document	1-27

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search 29 April 2014 (29.04.2014)	Date of mailing of the international search report 22 AUG 2014
---	--

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. 571-273-3201	Authorized officer: Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774
---	--