



(51) International Patent Classification:  
*G06Q 30/02* (2012.01)

(21) International Application Number:  
PCT/US2012/044410

(22) International Filing Date:  
27 June 2012 (27.06.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
61/501,581 27 June 2011 (27.06.2011) US

(71) Applicant (for all designated States except US): **CADIO, INC.** [US/US]; 76 Summer Street, 5th Floor, Boston, MA 02110 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VOLPE, Andrew** [US/US]; 35 Channel Center Street, Unit 505, Boston, MA 02210 (US). **WEISS, Eric, H.** [US/US]; 5 Windom Street, #2, Somerville, MA 02144 (US). **FULFORD-JONES,**

**Thaddeus, R., F.** [GB/US]; 38 Ossipee Road, #2, Somerville, MA 02144 (US).

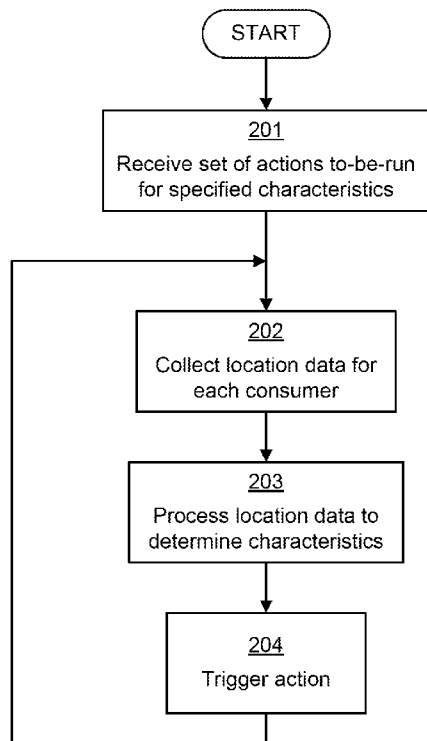
(74) Agent: **WALSH, Edmund, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210-2206 (US).

(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, QA, RO, RS, RU, RW, 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,

[Continued on next page]

(54) Title: TRIGGERING COLLECTION OF INFORMATION BASED ON LOCATION DATA



**FIG. 2**

(57) Abstract: A method and system for gathering consumer feedback and information based at least in part on location data relating to movement of a consumer. A method and system are provided for gathering opinions and feedback from and having interactions with consumers to collect consumer responses to tasks requested by the system. The system may request that a consumer perform a task based on an analysis of the electronically-derived consumer location data as well as previously captured opinions and feedback. A method and system are provided for gathering data from one or more external data sources that store data relating to a consumer, a business, and/or an environment of consumer-business interactions. The system may request data from external sources based on an analysis of the electronically-derived consumer location data. In addition, location-derived insights can be used to segment and further inform and refine the information gathered from consumers.



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).

— *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))*

**Published:**

— *with international search report (Art. 21(3))*

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

2 May 2013

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2012/044410****A. CLASSIFICATION OF SUBJECT MATTER****G06Q 30/02(2012.01)i, H04W 4/02(2009.01)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 30/02; G06F 3/048; G06F 17/60; H04Q 7/20; G06Q 10/00

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; keywords: collection of information, location data, consumer, behavior, solicit

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2005-275786 A (FUJI PHOTO FILM CO., LTD.) 06 October 2005 See abstract, paragraphs[0019]-[0038], claims 1, 3-6, and figures 1-6.	1,2,3,26-30,33,35 ,47,48,56,68,106 ,125
A		4-25,31-32,34 ,36-46,49-55,57-67 ,69-105,107-124
A	KR 10-2011-0069943 A (TELCOWARE CO., LTD.) 24 June 2011 See abstract, claims 1-10, figures 1-6,	1-125
A	US 2010-0262462 A1 (JASON TRYFON) 14 October 2010 See abstract, claims 24-30 and figures 1-16.	1-125
A	US 2009-0064014 A1 (DEAN FRANCIS NELSON et al.) 05 March 2009 See abstract, claim 1 and figures 1-4.	1-125
A	US 2009-0064014 A1 (NELSON DEAN FRANCIS et al.) 05 March 2009 See abstract, claim 1 and figures 1-4.	1-125



Further documents are 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 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 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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

28 FEBRUARY 2013 (28.02.2013)

Date of mailing of the international search report

**04 MARCH 2013 (04.03.2013)**

Name and mailing address of the ISA/KR



Facsimile No. 82-42-472-7140

Authorized officer

OH, Eung Gie

Telephone No. 82-42-481-8744



**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2012/044410**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2005-275786 A	06.10.2005	None	
JP 2003-196456 A	11.07.2003	None	
KR 10-2011-0069943 A	24.06.2011	None	
US 2010-0262462 A1	14.10.2010	CA 2758749 A1 EP 2419870 A1 WO 2010-118505 A1	21.10.2010 22.02.2012 21.10.2010
US 2009-0064014 A1	05.03.2009	CA 2718568 A1 WO 2008-112818 A2 WO 2008-112818 A3	18.09.2008 18.09.2008 30.12.2009