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(71) Applicant (for all designated States except US): **FACE-BOOK, INC.** [US/US]; 1601 Willow Road, Menlo Park, CA 94025 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **KENDALL, Timothy** [US/US]; 1601 Willow Road, Menlo Park, CA 94025 (US).

(74) Agent: **CHOI, Hogene, L.**; BAKER BOTTS L.L.P., 5001 Ross Avenue, Suite 600, Dallas, TX 75201 (US).

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**Declarations under Rule 4.17:**

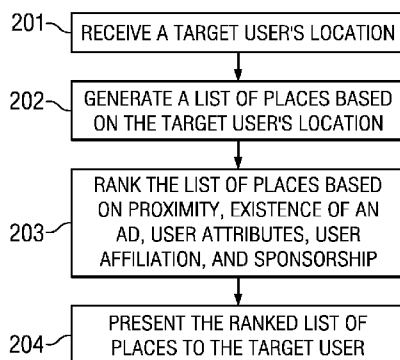
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

**Published:**

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18 October 2012

(54) Title: AD-BASED LOCATION RANKING FOR GEO-SOCIAL NETWORKING SYSTEM



**FIG. 2**

(57) Abstract: In one embodiment, a geo-social networking system receives data indicating a location of a user, generate and rank a list of places based on proximity to the user's location and existence of advertisement associated with one or more places, and present the ranked list of places to the user.

## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2012/023514****A. CLASSIFICATION OF SUBJECT MATTER****G06Q 30/02(2012.01)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; H04W 4/12; G06F 17/00; G06Q 30/00; G06F 17/30; H04L 9/00; H04W 4/02; G06Q 90/00

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: user, location, distance, rank, advertisement

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2009-0070219 A1 (D'ANGELO ADAM et al.) 12 March 2009 See abstract, figures 4-5 and paragraphs [0037], [0053].	1-20
Y	JP 2009-145935 A (PIONEER ELECTRONIC CORP. et al.) 02 July 2009 See abstract, pages 2-9 and claims 1,5-6.	1-20
Y	US 2008-0133336 A1 (ALTMAN SAMUEL H. et al.) 05 June 2008 See abstract, figures 1A-1B,15A, pages 2-5, 8-10 and claims 1-20.	1-20
Y	US 2008-0040281 A1 (DIPANJAN CHAKRABORTY et al.) 14 February 2008 See abstract, figure 2, and paragraphs [0034]-[0039].	1-20
Y	US 2009-0187463 A1 (DACOSTA BEHRAM) 23 July 2009 See abstract, figures 1-4 and paragraphs [0016]-[0035].	1-20
A	KR 10-2006-0062360 A (SK TELECOM CO., LTD.) 12 June 2006 See abstract and pages 3-6.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

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"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

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Korean Intellectual Property Office  
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan  
City, 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/US2012/023514**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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