

**EXHIBIT 24**

USPTO  
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OFFICE OF PETITIONS

Docket No.: 2000319.00125US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Alizadeh-Shabdiz, et al. Confirmation No.: 8990  
Application No.: 11/261,988 Art Unit: 2617  
Filed: October 28, 2005 Examiner: Le, Danh C.  
Title: Location-Based Services That Choose Location Algorithms Based on  
Number of Detected Access Points Within Range of User Device

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**NOTIFICATION OF LOSS OF ENTITLEMENT TO SMALL ENTITY  
STATUS UNDER 37 CFR 1.28**

Dear Sir:

Assignee, Skyhook Wireless, Inc., hereby notifies the Patent and Trademark Office that the claim for small entity status filed by the Applicants is hereby withdrawn.

Assignee established status as a small entity in good faith, and Assignee has paid fees to date in good faith as a small entity for this application. However, assignee has recently discovered that its status as a small entity was lost prior to payment of the issue fee on October 18, 2007, and, through error, the Office was not notified of a loss of entitlement to small entity status.

The itemization of the deficiency payment as required by 37 CFR 1.28(c)(2) is set forth below.

03/12/2008 DALLEM 00000002 080219 11261988

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US1DOCS 6578067v1

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**Notice of Allowability**

Application No.

11/261,988

Examiner

DANH C. LE

Applicant(s)

ALIZADEH-SHABDIZ ET AL.

Art Unit

2617

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1.  This communication is responsive to 10/28/2005.
- 2.  The allowed claim(s) is/are 1-10.
- 3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All    b)  Some\*    c)  None    of the:
    - 1.  Certified copies of the priority documents have been received.
    - 2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    - 3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

- 4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
- 5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- 1.  Notice of References Cited (PTO-892)
- 2.  Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
- 4.  Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5.  Notice of Informal Patent Application
- 6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
- 7.  Examiner's Amendment/Comment
- 8.  Examiner's Statement of Reasons for Allowance
- 9.  Other \_\_\_\_\_

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Dichiara on 9/11/07.

Amendment on the specification:

On paragraph 2, line 1, page 1 of the specification, after "applications", change "(Nos. TBA)" to "(11/261848; 11/261988; 11/261987)".

Amendment on the abstract::

On line 13, after "database.", deleted from "A user-device and all lines" until the end of the page.

***Allowable Subject Matter***

The following is an examiner's statement of reasons for allowance:

As to claim 1, Masuoka et al (US 2005/0136845) teaches method and apparatus for location determination using mini-beacons. Krumm et al (US 2004/0263388) teaches system and method for determining the location dynamics of a portable computing device. Meunier et al (US 7,042,391) teaches mobile device and method for determining location of mobile device. Patil et al (US 2006/0061476) teaches method and system for autonomous correlation of sensed environmental attributes with entities. Sheynblat et al (US 2006/0009235) teaches method and apparatus for determining ...wireless mobile network. Vesuna (US 2006/0002326) teaches reconfigurable arrays of wireless access points. Reeves (US 2005/0251326) teaches web service for mobile device tracking. The teaching of above prior arts either alone or in combine fails to teach further comprising based on the number of Wi-Fi access points identified via received messages, choosing a corresponding location-determination algorithm from a plurality of location-determination algorithms, said chosen algorithm being suited for the number of identified Wi-Fi access points;

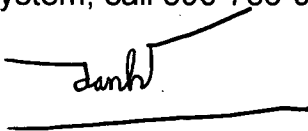
Dependent claims 2-10 are allowed for the same reason.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANH C. LE whose telephone number is 571-272-7868. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM TROST can be reached on 571-272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



September 12, 2007

DANH C. LE

PRIMARY EXAMINER