

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jianxiu Hao	12/20/2006
RECEIVING PARTY DATA	
Name:	Verizon Data Services Inc.
Street Address:	One East Telecom Parkway
Internal Address:	Mail Code B3E
City:	Temple Terrace
State/Country:	FLORIDA
Postal Code:	33637
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11615519
CORRESPONDENCE DATA	
Fax Number:	(703)351-3665
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703 351 3586
Email:	sheila.hayes@alston.com
Correspondent Name:	Verizon Legal Department
Address Line 1:	1515 Courthouse Road, Suite 500
Address Line 2:	Patent Management Group
Address Line 4:	Arlington, VIRGINIA 22201-2909
ATTORNEY DOCKET NUMBER:	20060331
NAME OF SUBMITTER:	Glen R. Drysdale, Reg. No. 56,342
Total Attachments: 2 source=20060331_20061222161936#page1.tif source=20060331_20061222161936#page2.tif	

CH \$40.00 11615519

PATENT

500198609

REEL: 018673 FRAME: 0448

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the Patent and Trademark Office:
Please record the attached documents or the new address(es) below.

Attorney Dkt. No.: 20060331

1. Name of conveying party(ies)/Execution Date(s):

Jianxiu Hao

Execution Date(s): 12/20/06

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

2. Name and address of receiving party(ies):

Verizon Data Services Inc.
One East Telecom Parkway
Mail Code B3E
Temple Terrace, FL 33637

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Additional name(s) & address(es) attached? Yes ☐ No ☒

4. Patent Application No.(s) 11/1615,519

Patent No.(s) _____

☐ This document is being filed together with a new application.

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning document should be mailed:

Verizon Legal Department
Patent Management Group
1515 Courthouse Road, Suite 500
Arlington, VA 22201-2909
Tel: (703) 351-3586
Fax: (703) 351-3665

6. Total number of applications and patents involved:

1

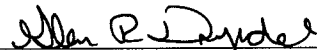
7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 16-0605

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*


Name of Person Signing: Glen R. Drysdale

December 22, 2006

Date

Reg. No. 56,342

LEGAL02/30202331v1

Total number of pages including cover sheet, attachments, and documents: 2

USPTO Fax Number for New Assignments (703) 306-5995

**PATENT
REEL: 018673 FRAME: 0449**

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned:

- I. have sold, assigned and transferred, and by the presents do hereby sell, assign, and transfer, to the Verizon legal entity identified below ("Assignee") and its successors and assigns, the entire right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

METHODS AND APPARATUS FOR PROVIDING A LOCATION BASED SEARCH

☒ which has been executed by the undersigned concurrently herewith, and in which case I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to insert here in the parentheses (Application Number 11/615,519, filed 12/22/2006) the filing date and application number of said application when known.

☐ which was filed on _____ and assigned Application No. _____

and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and to all original and reissued patents which have been or shall be issued in the United States and foreign countries from any of said applications, and in and to all rights of priority resulting from the filing of any of said applications; and in and to all rights which may exist under the International Convention for the Protection of Industrial Property to any of the foregoing;

- II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersigned relating to said improvements and the history thereof; and ~~generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors and assigns; and~~
- III. covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein identified has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below:

Verizon entity (Assignee): **Verizon Data Services Inc.**, having a place of business at One East Telecom Parkway, Mail Code B3E, Temple Terrace, Florida 33637.

ASSIGNOR:

Signature: _____

Jianxiu Hao

Date: _____

12/20/2006