

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jing QU</td> <td>06/18/2013</td> </tr> <tr> <td>Stephanie TENG-OSSMAN</td> <td>06/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jing QU	06/18/2013	Stephanie TENG-OSSMAN	06/19/2013						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Sprint Spectrum LP</td> </tr> <tr> <td>Street Address:</td> <td>6391 Sprint Parkway</td> </tr> <tr> <td>Internal Address:</td> <td>Mailstop: KSOPHT0101-Z2100</td> </tr> <tr> <td>City:</td> <td>Overland Park</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>66251-2100</td> </tr> </table>		Name:	Sprint Spectrum LP	Street Address:	6391 Sprint Parkway	Internal Address:	Mailstop: KSOPHT0101-Z2100	City:	Overland Park	State/Country:	KANSAS	Postal Code:	66251-2100
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	9135239161												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	913-315-9282												
Email:	sally.j.werts@sprint.com												
Correspondent Name:	Sprint Spectrum LP												
Address Line 1:	6391 Sprint Parkway												
Address Line 2:	KSOPHT0101-Z2100												
Address Line 4:	Overland Park, KANSAS 66251-2100												
ATTORNEY DOCKET NUMBER:	9176												
NAME OF SUBMITTER:	Elizabeth K. Gemmell												
Signature:	/Elizabeth K. Gemmel, Reg. No. 60,437/												

Date:

07/09/2013

Total Attachments: 2

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**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am an original, first and joint inventor of the invention relating to "DYNAMIC CONSTRUCTION OF APPROVED ACCESS NODE LIST IN PUSH TO TALK NETWORK" described in an application for Letters Patent of the United States of America filed on [DATE], Serial No. [___/___,___], or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment.

For valuable consideration received, I hereby sell, assign and transfer to Sprint Spectrum LP, a limited partnership duly organized and existing under the laws of the State of Delaware, United States of America, its successors and assigns, my entire right, title and interest, for all countries in and to said inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said limited partnership but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said limited partnership, its successors, assigns or nominees.

I agree that I will communicate to said limited partnership or its representatives any facts known to me respecting said inventions and when requested by said limited partnership and at its expense will testify in any legal proceedings, and generally do everything possible to aid said limited partnership, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said limited partnership, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

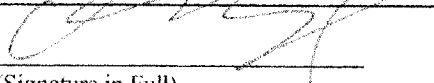
I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said limited partnership or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Sprint Spectrum LP, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above-identified application.

After this Assignment has been recorded, please return it to:

Attn: Steven J. Funk
Sprint
6391 Sprint Parkway
Mailstop: KSOPHT0101-Z2100
Overland Park, KS 66251-2100

SOLE OR JOINT
Inventor (1): Jing QU 
(Signature in Full)

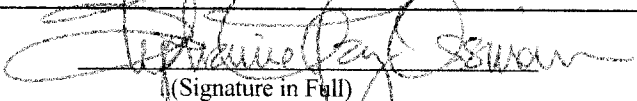
Citizenship: United States Date: 06/18/2013

Residence: 46885 Backwater Drive, Sterling, VA 20164

Post Office Address: SAME AS ABOVE

1st Witness: Lei Zhang Lei Zhang
(Type or Print) (Signature)

2nd Witness: Teresa Treiber Treia
(Type or Print) (Signature)

SOLE OR JOINT
Inventor (2): Stephanie TENG-OSSMAN 
(Signature in Full)

Citizenship: United States Date: 6/19/2013

Residence: 918 Moorefield Creek Road SW

Post Office Address: SAME AS ABOVE

1st Witness: Lei Zhang Lei Zhang
(Type or Print) (Signature)

2nd Witness: Bahram Rostami Bahram Rostami
(Type or Print) (Signature)