

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Tiejun J. XIA</td><td>12/19/2007</td></tr><tr><td>Glenn A. WELLBROCK</td><td>12/19/2007</td></tr><tr><td>Michael D. POLLOCK</td><td>12/19/2007</td></tr></tbody></table>		Name	Execution Date	Tiejun J. XIA	12/19/2007	Glenn A. WELLBROCK	12/19/2007	Michael D. POLLOCK	12/19/2007
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Tiejun J. XIA	12/19/2007								
Glenn A. WELLBROCK	12/19/2007								
Michael D. POLLOCK	12/19/2007								
RECEIVING PARTY DATA									
Name:	Verizon Services Organization Inc.								
Street Address:	600 Hidden Ridge								
City:	Irving								
State/Country:	TEXAS								
Postal Code:	75038								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11961702</td></tr></tbody></table>		Property Type	Number	Application Number:	11961702				
Property Type	Number								
Application Number:	11961702								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Robin C. Clark								
Total Attachments: 1 source=20070374_Executed_Assignment#page1.tif									

OP \$40.00 11961702

PATENT

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REEL: 020278 FRAME: 0716

Verizon Invention Assignment
for Verizon Reference No.: 20070374
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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

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☒ 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 _____, filed _____) 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 Services Organization Inc., having a place of business at 600 Hidden Ridge, Irving, Texas 75038, U.S.A.

ASSIGNORS:

Signature: _____

Tiejun J. XIA

Date: 12/19/07

Signature: _____

Glenn A. WEILBROCK

Date: 12-19-07

Signature: _____

Michael D. POLLOCK

Date: 12-19-07

PATENT

RECORDED: 12/20/2007

REEL: 020278 FRAME: 0717