

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>LILY F. CHEN</td> <td>03/28/2007</td> </tr> <tr> <td>MICHAEL F. LANE</td> <td>04/06/2007</td> </tr> <tr> <td>SAYYID SIDDIQ ALI</td> <td>03/29/2007</td> </tr> </tbody> </table>	Name	Execution Date	LILY F. CHEN	03/28/2007	MICHAEL F. LANE	04/06/2007	SAYYID SIDDIQ ALI	03/29/2007	
Name	Execution Date								
LILY F. CHEN	03/28/2007								
MICHAEL F. LANE	04/06/2007								
SAYYID SIDDIQ ALI	03/29/2007								
RECEIVING PARTY DATA									
Name:	Verizon Services Corp.								
Street Address:	22001 Loudoun County Parkway								
City:	Ashburn								
State/Country:	VIRGINIA								
Postal Code:	20147								
PROPERTY NUMBERS Total: 1									
Property Type	Number								
Application Number:	12683159								
CORRESPONDENCE DATA									
Fax Number:	(703)351-3665								
Phone:	703-351-3579								
Email:	eddy.valverde@verizon.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Verizon Patent Management Group								
Address Line 1:	1320 N. Courthouse Road								
Address Line 2:	9th Floor								
Address Line 4:	Arlington, VIRGINIA 22201								
ATTORNEY DOCKET NUMBER:	04-8010C1								
NAME OF SUBMITTER:	Joseph R. Palmieri								
Total Attachments: 3 source=04-8010C1_Assignment_2007#page1.tif source=04-8010C1_Assignment_2007#page2.tif source=04-8010C1_Assignment_2007#page3.tif									

CH \$40.00 12683159

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

BANDWIDTH-ON-DEMAND SYSTEMS AND METHODS

☐ 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 September 12, 2005, and assigned Application No. 11/224,515,

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 Corp., having a place of business at 1310 North Court House Road, Arlington, VA 22201.

ASSIGNORS:

Signature: Lily F. Chen
Lily F. Chen

Date: 3/28/07

Signature: _____
Michael F. Lane

Date: _____

Signature: _____
Sayyid Siddiq Ali

Date: _____

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

Verizon entity (Assignee): Verizon Services Corp., having a place of business at 1310 North Court House Road, Arlington, VA 22201.

ASSIGNORS:

Signature: Liya Chen

Date: _____

Signature: Michael F. Lanc

Date: 4/6/2007

Signature: _____

Date: _____

Sayyid Siddiq Ali

ASSIGNMENT

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Signature: _____	Date: _____
Lily F. Chen	
Signature: _____	Date: _____
Michael F. Lane	
Signature: <u>Sayyid Siddiq Ali</u>	Date: <u>3/29/07</u>
Sayyid Siddiq Ali	