

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>John David Allen</td><td>12/18/2006</td></tr><tr><td>Rina R. Schneur</td><td>12/19/2006</td></tr></tbody></table>	Name	Execution Date	John David Allen	12/18/2006	Rina R. Schneur	12/19/2006					
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John David Allen	12/18/2006										
Rina R. Schneur	12/19/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Verizon Services Organization Inc.</td></tr><tr><td>Street Address:</td><td>600 Hidden Ridge</td></tr><tr><td>City:</td><td>Irving</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>75038</td></tr></table>	Name:	Verizon Services Organization Inc.	Street Address:	600 Hidden Ridge	City:	Irving	State/Country:	TEXAS	Postal Code:	75038	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (202)778-2201 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 202-955-1500											
Email: pmast@hunton.com											
Correspondent Name: Hunton & Williams Cust. No. 25537											
Address Line 1: 1900 K Street, NW											
Address Line 4: Washington, DISTRICT OF COLUMBIA 20006											
ATTORNEY DOCKET NUMBER:	VZ06054										
NAME OF SUBMITTER:	Jonathan B. Burns										
Total Attachments: 1 source=DOC004#page1.tif											

CH \$40.00 11613251

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

SYSTEM AND METHOD FOR CORE NETWORK TOPOLOGY ROUTER PLACEMENT PLANNING

☒ 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.

ASSIGNORS:

Signature: _____

John David Allen

Date: 12/18/2006

Signature: _____

Rina R. Schneider

Date: 12/19/06