

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Scott R. Kotrla</td> <td>10/22/2008</td> </tr> <tr> <td>Christopher N. DelRegno</td> <td>10/27/2008</td> </tr> <tr> <td>Matthew W. Turlington</td> <td>10/27/2008</td> </tr> </tbody> </table>		Name	Execution Date	Scott R. Kotrla	10/22/2008	Christopher N. DelRegno	10/27/2008	Matthew W. Turlington	10/27/2008
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Scott R. Kotrla	10/22/2008								
Christopher N. DelRegno	10/27/2008								
Matthew W. Turlington	10/27/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Verizon Corporate Services Group Inc.								
<b>Street Address:</b>	One Verizon Way								
<b>City:</b>	Basking Ridge								
<b>State/Country:</b>	NEW JERSEY								
<b>Postal Code:</b>	07920								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12260116</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12260116				
Property Type	Number								
Application Number:	12260116								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(703)351-3665								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Email:</b>	PATENTS@VERIZON.COM								
<b>Correspondent Name:</b>	VERIZON PATENT MANAGEMENT GROUP								
<b>Address Line 1:</b>	1515 N. Courthouse Road								
<b>Address Line 2:</b>	Suite 500								
<b>Address Line 4:</b>	Arlington, VIRGINIA 22201								
<b>ATTORNEY DOCKET NUMBER:</b>	09710-1486								
<b>NAME OF SUBMITTER:</b>	Phouphanomketh Ditthavong								
<b>Total Attachments: 2</b> source=20080284_09710-1486_Assignment_filed10-29-08#page1.tif source=20080284_09710-1486_Assignment_filed10-29-08#page2.tif									

OP \$40.00 12260116

**PATENT**

**500689232**

**REEL: 021753 FRAME: 0518**

Verizon Invention Assignment  
for Verizon Reference No.: 20080284  
Page 1 of 1

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,  
Scott R. KOTRLA, Christopher N. DELREGNO, and Matthew W. TURLINGTON:

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

**METHOD AND APPARATUS FOR REFLECTING FORWARDING PLANE UTILIZATION IN CONTROL PLANE**

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 Corporate Services Group Inc., having a place of business at One Verizon Way, Basking Ridge, NJ 07920.

ASSIGNORS:

Signature: Scott Kotrla Date: 10/22/08

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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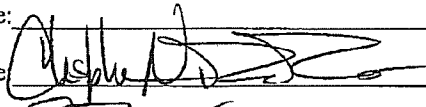
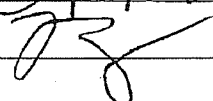
and in and to said application, and all divisional, continuing, substitute, renewal, reissue, provisional, and all other application for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements or based on said application; and in and 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;

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