

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>Lee N. Goodman</td><td>07/27/2010</td></tr><tr><td>Rezwanul Azim</td><td>07/27/2010</td></tr><tr><td>Robert H. Liao</td><td>07/27/2010</td></tr></tbody></table>		Name	Execution Date	Lee N. Goodman	07/27/2010	Rezwanul Azim	07/27/2010	Robert H. Liao	07/27/2010
Name	Execution Date								
Lee N. Goodman	07/27/2010								
Rezwanul Azim	07/27/2010								
Robert H. Liao	07/27/2010								
RECEIVING PARTY DATA									
Name:	Verizon Patent and Licensing, Inc.								
Street Address:	One Verizon Way								
City:	Basking Ridge								
State/Country:	NEW JERSEY								
Postal Code:	07920								
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>12845181</td></tr></tbody></table>		Property Type	Number	Application Number:	12845181				
Property Type	Number								
Application Number:	12845181								
CORRESPONDENCE DATA									
Fax Number:	(703)351-3665								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-351-3579								
Email:	patents@verizon.com								
Correspondent Name:	VERIZON PATENT MANAGEMENT GROUP								
Address Line 1:	1320 North Court House Road								
Address Line 2:	9th Floor								
Address Line 4:	ARLINGTON, VIRGINIA 22201-2909								
ATTORNEY DOCKET NUMBER:	20090014								
NAME OF SUBMITTER:	Ji-Yong D. Chung								
Total Attachments: 1 source=20090014_Assignment#page1.tif									

OP \$40.00 12845181

PATENT

501246076

REEL: 024753 FRAME: 0690

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 worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

MERGING CONTENT

☒ 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 12/845,181, filed July 28, 2010) 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 (in whole or in part), substitute, renewal, reissue, provisional, and all other applications 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 or claiming priority to 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 said 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 (in whole or in part), substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, 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 Letters Patent and all Letters Patent 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 Patent and Licensing Inc., having a place of business at One Verizon Way, Basking Ridge, NJ 07920.

ASSIGNORS:

Signature: _____

Lee N. Goodman

Date: 7-27-2010

Signature: _____

Rezwanul Azim

Date: 7-27-2010

Signature: _____

Robert H. Liao

Date: 7/27/2010

PATENT

RECORDED: 07/28/2010

REEL: 024753 FRAME: 0691