PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Scott Purvis	03/28/2007
Scott J. Hoover	03/26/2007

RECEIVING PARTY DATA

Name:	Verizon Business Network Services, Inc.	
Street Address:	22001 Loudoun County Parkway	
City:	Ashburn	
State/Country: VIRGINIA		
Postal Code:	20147	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12861195

CORRESPONDENCE DATA

Fax Number: (703)351-3665

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: 20070044C1

NAME OF SUBMITTER: Ji-Yong D. Chung

Total Attachments: 2

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Verizon Invention Assignment for Verizon Reference No.: 20070044 Page 1 of 1

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

INTERCONNECTING MULTIPLE MPLS NETWORKS

I/we hereby authorize and request the Assignee, its successors, assigns and or legal representatives, to
insert here in the parentheses (Application Number 11/693,283, filed March 29, 2007) 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 Business Network Services Inc., having a place of business at 22001 Loudoun County Parkway, Ashburn, VA 2014
County Fareway, Asinduari, VA 20147
ASSIGNORS: 3/20/2002
Signature: Date: Date:
Signature: Date:
Scott J. Hoover

REEL: 024872 FRAME: 0259

RECORDED: 08/23/2010

Verizon Invention Assignment for Verizon Reference No.: 20070044 Page 1 of 1

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 Parent entitled

INTERCONNECTING MULTIPLE MPLS NETWORKS

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 11/693,283, filed March 29, 2007) 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 (Assignce): Verizon Business Network Services Inc., having a place of business at 22001 Londoun County Parkway, Ashburn, VA 20147.
ASSIGNORS:
Signature: Date: Date: 3/26/07 Signature: Scott J. Hoover

PATENT

REEL: 024872 FRAME: 0260