PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
		Name	Execution Date				
Mark D. CARNEY			02/18/2011				
Jeffrey A. JACKSON			02/18/2011				
RECEIVING PARTY DATA							
Name:	Verizon Patent						
Street Address:	One Verizon Way						
City:	Basking Ridge						
State/Country:	NEW JERSEY						
Postal Code:	07920						
PROPERTY NUMBERS Total: 1 Property Type Number							
		030603					
Application Number: 13030603 CORRESPONDENCE DATA Fax Number: (571)432-0808 Correspondence will be sent via US Mail when the fax attempt is unsuccessful.							
Fax Number: (571)432-0808							
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.							
Phone: 571-432-0800							
Email: gruszkowska@harrityllp.com Correspondent Name: Harrity & Harrity, LLP							
Address Line 1: 11350 Random Hills Road							
Address Line 2: Suite 600							
Address Line 4:							
ATTORNEY DOCKET NUMBER:		20100811 (0011-0946)					
NAME OF SUBMITTER:		Brian E. Ledell					
Total Attachments: 2 source=20100811_Executed_Assignment#page1.tif source=20100811_Executed_Assignment#page2.tif							

Verizon Invention Assignment for Verizon Docket No.: 20100811 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 worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

PREVENTION OF CALL SPOOFING IN A VOICE OVER INTERNET PROTOCOL (VoIP) NETWORK

Swhich 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 13/030,603, file $E^{\text{ebruary } 18, 201}$) 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 Date: Signature:

Signature:

Jeffrey A. Jackson

Date:			

p.3

PATENT REEL: 025834 FRAME: 0446

Verizon Invention Assignment for Verizon Docket No.: 20100811 Page 1 of 1

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, 1/We, the undersigned:

1. 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

PREVENTION OF CALL SPOOFING IN A VOICE OVER INTERNET PROTOCOL (VolP) NETWORK

Wwhich 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 13/030, 603, filed ebruary 18, 201) 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 Assignce 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 Assignce, 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 Patent and Licensing Inc. having a place of business at One Verizon Way, Basking Ridge, NJ 07920.

ASSIGNORS:

Signature:

Mark D. Carney

Date:

Signature: Jeffrug Q. Jack Som Date: 3-18-2011

PATENT REEL: 025834 FRAME: 0447

RECORDED: 02/18/2011