501901675 04/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael R. SMITH	04/24/2012
Timothy R. NESS	04/23/2012
Timothy J. MASON	04/23/2012
Michael J. COONS	04/25/2012

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

Property Type	Number
Application Number:	13456780

CORRESPONDENCE DATA

Fax Number: (571)432-0808 Phone: 571-432-0800

Email: cpammel@harrityllp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Harrity & Harrity, LLP Address Line 1: 11350 Random Hills Rd.

Address Line 2: Suite 600

Address Line 4: Fairfax, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	20110752
NAME OF SUBMITTER:	Laura L. Lee

REEL: 028112 FRAME: 0771

PATENT

501901675

Total Attachments: 4

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Verizon Invention Assignment Verizon Docket No.: 20110752 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

VOICE OVER INTERNET PROTOCOL (VOIP) TRAFFIC MANAGEMENT SYSTEM AND METHOD

authorize and request the Assignee, its successors, assign	gned concurrently herewith, and in which case I/we hereby as and/or legal representatives, to insert here in the parentheses 11 26, 2012 the filing date and application number of	
which was filed on and assigned	d 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: Muchael R. SMITH	Date: 4/24/2012	
Signature:Timothy R. NESS	Date:	
Signature: Timothy J. MASON	Date:	
Signature:Michael J. COONS	Date:	

Verizon Invention Assignment Verizon Docket No.: 20110752

Page 1 of 1

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ns and/or legal representatives, to insert here in the parentheses ril 26, 2012) the filing date and application number of		
ed Application No		
continuing (in whole or in part), substitute, renewal, reissue, the which have been or shall be filed in the United States and all donor claiming priority to said application; and in and to all be issued in the United States and foreign countries from any of liting from the filing of any of said applications; and in and to all ention for the Protection of Industrial Property to any of the		
Patent for said improvements in its own name; and that, when d Assignee, its successors, assigns and legal representatives, to signment, the undersigned will execute all divisional, continuing all other patent applications on any and all said improvements; powers of attorney and other papers; communicate to said I facts known to undersigned relating to said improvements and a which said Assignee, its successors, assigns or representatives staining proper patent protection for said improvements and for Letters Patent and all Letters Patent on said improvements, in		
I representatives that no assignment, grant, mortgage, license, or identified has been made to others by the undersigned, and that essed by the undersigned.		
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Verizon entity (Assignee): <u>VERIZON PATENT AND LICENSING, INC.</u> , having a place of business at <u>One Verizon Way</u> , <u>Basking Ridge</u> , NJ 07920.		
Date:		
Date: 4/23/2012		
Date:		
Date:		

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VOICE OVER INTERNET PROTOCOL (VOIP) TRAFFIC MANAGEMENT SYSTEM AND METHOD

	TRACTIC MANAGEMENT STSTEM AND METHOD
(Application Number $13/456$, 780 , filed A	ersigned concurrently herewith, and in which case I/we hereby signs and/or legal representatives, to insert here in the parenthese April 26, 2012) the filing date and application number of
said application when known.	The state was approximately to
□which was filed on and assig	gned Application No
foreign countries on any of said improvements or ba original and reissued patents which have been or shal said applications, and in and to all rights of priority re	continuing (in whole or in part), substitute, renewal, reissue ent which have been or shall be filed in the United States and al ased on or claiming priority to said application; and in and to all be issued in the United States and foreign countries from any of sulting from the filing of any of said applications; and in and to all evention for the Protection of Industrial Property to any of the
carry out in good faith the intent and purpose of this A (in whole or in part), substitute, renewal, reissue, and execute all rightful oaths, declarations, assignments Assignee, its successors, assigns, and representatives, the history thereof; and generally do everything possit shall consider desirable for aiding in securing and ma vesting title to said improvements and all applications said Assignee, its successors and assigns; and L. covenant with said Assignee, its successors, assigns and less	rs Patent for said improvements in its own name; and that, when aid Assignee, its successors, assigns and legal representatives, to assignment, the undersigned will execute all divisional, continuing all other patent applications on any and all said improvements; so powers of attorney and other papers; communicate to said all facts known to undersigned relating to said improvements and the which said Assignee, its successors, assigns or representatives a sintaining proper patent protection for said improvements and for for Letters Patent and all Letters Patent on said improvements, in agal representatives that no assignment, grant, mortgage, license, or in identified has been made to others by the undersigned, and that is sessed by the undersigned.
IN WITNESS to my/our agreement to the foregoing, I/we hav	
보는 하나 하나 보는 사람들은 사람들이 되었다. 학교 학교 등에 대한 학교들은 학교들은 학교들은 경험을 받는데 사람들이 되었다. 그는 다른 학교	NSING, INC., having a place of business at One Verizon Way,
ASSIGNORS:	
Signature: Michael R. SMITH	Date:
Signature:	
Timothy R. NESS	Date:
Augustic 16	
Signature: Timothy MASON	Date: 4-23-20/2
1 inio Wyr William 1	
Signature:	Date:
Michael J. COONS	
를 보고 하고 있는 등록 하는 보고 보고 있다. 그리고 있는 사람들은 다른 사람들이 되었다.	그는 기가 되었다. 그리고를 받고 하고 때문 사람이다.

Verizon Invention Assignment Verizon Docket No.: 20110752

izon Docket No.: 20110752 Page 1 of 1

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III. covenant with said Assignee, its successors, assigns and legal other agreement affecting the rights and property herein full right to convey the same as herein expressed is posses	identified has been made to others by the undersigned, and that
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Verizon entity (Assignee): <u>VERIZON PATENT AND LICENS</u> <u>Basking Ridge, NJ 07920</u> .	SING, INC., having a place of business at One Verizon Way,
ASSIGNORS:	
Signature:Michael R. SMITH	Date:
Signature: Timothy R. NESS	Date:
Signature:Timothy J. MASON	Date:
Signature: Muhaul & Coom Michael J. COONS	Date: 4/25/12

PATENT REEL: 028112 FRAME: 0776

RECORDED: 04/26/2012