PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mariafranca GREGORAT	07/27/2006
Steven L. LASS	07/27/2006
Timothy DWIGHT	07/27/2006
James L. VERLARE	07/27/2006
Gregory WELCH	07/27/2006
Yaron RAPS	07/27/2006

RECEIVING PARTY DATA

Name:	MCI, LLC
Street Address:	One Verizon Way
City:	Basking Ridge
State/Country:	NEW JERSEY
Postal Code:	07920

PROPERTY NUMBERS Total: 1

	Property Type	Number
Appli	cation Number:	11460668

CORRESPONDENCE DATA

Fax Number: (571)432-0808

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

Phone: 571-432-0800

Email: bfredrick@harritysnyder.com

Correspondent Name: Harrity Snyder, L.L.P. 11350 Random Hills Rd. Address Line 1:

Address Line 2: Suite 600

Fairfax, VIRGINIA 22030 Address Line 4:

ATTORNEY DOCKET NUMBER: VZB06014

PATENT

NAME OF SUBMITTER:	John E. Harrity	
Total Attachments: 12		
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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

ROUTING CALLS IN A NETWORK

Which has been executed by the undersigned concurrently herewith, and in which case

	I/we hereby authorize and request the Assign			
	insert here in the parentheses (Application Nu) the filing
	date and application number of said application	when known	•	
	which was filed on	and assig	med Application No.	
	and in and to said application, and all divisionall other application for Letters Patent which has countries on any of said improvements or based patents which have been or shall be issued in applications, and in and to all rights of priority and to all rights which may exist under the Property to any of the foregoing;	ive been or shift on said app. the United Stresulting from	all be filed in the Unit lication; and in and to States and foreign count of the filing of any of s	ed States and all foreign all original and reissued ntries from any of said said applications; and in
II. agr	ee that said Assignee may apply for and receive when requested, without charge to, but at the execute all divisional, continuing, substitute, re all said improvements; execute all rightful o communicate to said Assignee, its successors, a relating to said improvements and the history Assignee, its successors, assigns or represents maintaining proper patent protection for said in all applications for patents and all patents on assigns; and	expense of, so intent and pur inewal, reissulaths, assigns assigns, and r thereof; and atives shall conprovements	aid Assignee, its succe pose of this Assignment a, and all other patent nents, powers of attor epresentatives, all facts generally do everything onsider desirable for and for vesting title to	ssors, assigns and legal nt, the undersigned will application on any and mey and other papers; s known to undersigned ng possible which said aiding in securing and said improvements and
III. cov	enant with said Assignee, its successors, assignering mortgage, license, or other agreement affecting others by the undersigned, and that full right to undersigned.	the rights an	d property herein iden	tified has been made to
IN WITH	NESS to my/our agreement to the foregoing, I/we	have execute	ed this Assignment as s	et forth below:
Verizon 07920.	entity (Assignee): MCLLIC having a place of	business at <u>C</u>	ne Verizon Way, Bask	cing Ridge, New Jersey
ASSIGN				
Signatur	e: Maria franca Gregorat Maria franca GREGORAT	Date:	7/27/06	
Signatur		Date:	· ·	_

Signature: Richard L. MCCLAIN	Date:
Richard L. MCCLAIN	
Signature: Timothy DWIGHT	Date:
Timothy DWIGHT	
Signature: James L. VERLARE	Date:
James L. VERLARE	
Signature:	Date:
Gregory WELCH	
Signature:	Date:
Yaron RAPS	

P. 05

ASSIGNMENT

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

Fax:972-728-2404

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

ROUTING CALLS IN A NETWORK

Which has been executed by the u I/we hereby authorize and request the Assignee, its insert here in the parentheses (Application Number _ date and application number of said application when I	, filed) the filing	
•	d assigned Application No	
and in and to said application, and all divisional, com- all other application for Letters Patent which have been countries on any of said improvements or based on sa patents which have been or shall be issued in the U applications, and in and to all rights of priority resulti- and to all rights which may exist under the Internal Property to any of the foregoing;	tinuing, substitute, renewal, reissue, provisional, and nor shall be filed in the United States and all foreign id application; and in and to all original and reissued nited States and foreign countries from any of said ng from the filing of any of said applications; and in	
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): MCI, LLC having a place of business at One Verizon Way, Basking Ridge, New Jersey 07920.		
ASSIGNORS:		
Signature: Mariafranca GREGORAT	Date:	
Signature: Steven L. LASS	Date: 7/27/2006	

Signature: Richard L. MCCLAIN	Date:
Signature:	Date:
Signature: James L. VERLARE	Date:
Signature: Gregory WELCH	Date:
Signature: Yaron RAPS	Date:

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

ROUTING CALLS IN A NETWORK			
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 Assignoe, 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): MCI, LLC having a place of business at One Verizon Way. Basking Ridge, New Jetsey 97920.			
ASSIGNORS:			
Signature: Date: Mariafranca GREGORAT			
Signature: Date:			

PATENT

Signaturo,		LPRIC.
	Richard L. MCCLAIN	
Signature	Timothy DWIGHT	Date: 7/27/2016
Signature	James L. VERLARIE	Date:
Signature	Gregory WELCH	Date:
Signature	Yuron RAPS	Date:

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

ROUTING CALLS IN A NETWORK

Thus berely authorize and request the Assignee, its	undersigned concurrently herewith, and in which case successors, assigns and/or legal representatives, to filed			
date and application number of said application when	insert here in the parentheses (Application Number, filed) the filing date and application number of said application when known.			
which was filed on a	nd assigned Application No			
all other application for Letters Patent which have been countries on any of said improvements or based on supportents which have been or shall be issued in the Landberg and in and to all rights of priority result	ntinuing, substitute, renewal, reissue, provisional, and en or shall be filed in the United States and all foreign aid application; and in and to all original and reissued Inited States and foreign countries from any of said ing from the filing of any of said applications; and in national Convention for the Protection of Industrial			
representatives, to carry out in good faith the intent execute all divisional, continuing, substitute, renewal all said improvements; execute all rightful caths, communicate to said Assignee, its successors, assign relating to said improvements and the history there Assignee, its successors, assigns or representatives	s Patent for improvements in its own name; and that, se of, said Assignee, its successors, assigns and legal and purpose of this Assignment, the undersigned will I, reissue, and all other patent application on any and assignments, powers of attorney and other papers; s, and representatives, all facts known to undersigned of; and generally do everything possible which said shall consider desirable for aiding in securing and ements and for vesting title to said improvements and improvements, in said Assignee, its successors 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	e executed this Assignment as set forth below:			
Verizon entity (Assignee): MCLLLC having a place of business at One Verizon Way, Basking Ridge, New Jersey 07920.				
ASSIGNORS:				
Signature: Meriafrance GREGORAT	Date:			
Signature: Steven L. LASS	Date:			

Verizon Invention Assignmen
for Verizon Reference No. VZB06014
Page 2 of 2

OIETOCALO.	L'GLA-
Richard L. MCCLAIN	
Signature: Timothy DWIGHT	Date:
Signature: Jums / Man. James L. VERLARE	Date: 07/27/2006
Signature: Gregory WELCH	Date:
Signature: Yaron RAPS	Date:

PATENT

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ASSIGNMENT

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

Gregory Welch

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

ROUTING CALLS IN A NETWORK

[Mwhich 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 fitting 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; I. 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		
IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below:		
Verizon entity (Assignee): MCI, LLC having a place of business at One Verizon Way, Basking Ridge, New Jersey 07920.		
ASSIGNORS:		
Signature: Date: Mariafranca GREGORAT		
Signature: Date: Steven L. LASS		

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Signature:	Date:
Richard L. MCCLAIN	
Signature: Timothy DWIGHT	Date:
Signature: James V. YERLARE	Date:
Signature:	Date: 1/27/2006
Signature: Yaron RAPS	Date:

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

ROUTING CALLS IN A NETWORK

	I/we hereby authorize and request the Assignee,	e undersigned concurrently herewith, and in which case its successors, assigns and/or legal representatives, to r, filed) the filing a known.	
	which was filed on	and assigned Application No	
	all other application for Letters Patent which have be countries on any of said improvements or based on patents which have been or shall be issued in the applications, and in and to all rights of priority resu	ontinuing, substitute, renewal, reissue, provisional, and seen or shall be filed in the United States and all foreign said application; and in and to all original and reissued United States and foreign countries from any of said string from the filing of any of said applications; and in smational Convention for the Protection of Industrial	
II. a	agree that said Assignee may apply for and receive Letters Patent for improvements in its own name; and the when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and let representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned we execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any a all said improvements; execute all rightful oaths, assignments, powers of attorney and other paper communicate to said Assignee, its successors, assigns, and representatives, all facts known to undersign relating to said improvements and the history thereof; and generally do everything possible which see Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing a maintaining proper patent protection for said improvements and for vesting title to said improvements a all applications for patents and all patents on said improvements, in said Assignee, its successors a assigns; and		
III. c	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 W	WITNESS to my/our agreement to the foregoing, I/we ha	ve executed this Assignment as set forth below:	
Veriz <u>0792</u>	izon entity (Assignee): <u>MCL LLC</u> having a place of bus 20.	iness at One Verizon Way. Basking Ridge, New Jersey	
<u>ASSI</u>	SIGNORS:		
Signa	nature: Mariafranca GREGORAT	Date:	
Signa	nature:Steven L. LASS	Date:	

Signature:	Date:
Signature: Richard L. MCCLAIN	
Signature: Timothy DWIGHT	Date:
Signature: James L. VERLARE	Date:
Signature: Gregory WELCH	Date:
Signature:Yaron RAPS	7/27/06 Date:

RECORDED: 07/28/2006