501767900 12/23/2011

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Priscilla LAU	12/16/2011
Arda AKSU	12/23/2011
Jay J. LEE	12/12/2011
Lalit R. KOTECHA	12/12/2011
Derek Hongwei H. BAO	12/13/2011
Thomas H. TAN	12/22/2011
Maria G. LAM	12/13/2011
Steven R. RADOS	12/19/2011
John F. MACIAS	12/12/2011

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:	13336442	

CORRESPONDENCE DATA

Fax Number: (571)432-0808 **Phone**: 5714320800

Email: rwideman@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 Road

Address Line 2: Suite 600

PATENT REEL: 027442 FRAME: 0001 DP \$40.00 13336442

501767900

Address Line 4: Fairfax, VIRGINIA 22030		
ATTORNEY DOCKET NUMBER: 20110237		
NAME OF SUBMITTER:	Sadiq A. Ansari	
Total Attachments: 16		
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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 worldwide right, title and interest in and to any and all improvements which are described in the application for United States Letters Patent entitled

HANDING OVER A USER DEVICE FROM ONE TECHNOLOGY TO ANOTHER

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 $\frac{13}{336}$, $\frac{442}{42}$, filed $\frac{12-23-2011}{4}$) 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): <u>Verizon Patent and Licensing Inc.</u>, having a place of business at <u>One Verizon Way</u>, <u>Basking Ridge</u>, <u>NJ 07920</u>.

ASSIGNORS		6
Signature:	Mitalle Zau Priscilla LAU	Dec 16, 2011
Signature:	Arda AKSU	Date:
Signature:	Jay J. LEE	Date:
Signature:	Lalit R. KOTECHA	Date:
Signature:	Derek Hongwei H. BAO	Date:
Signature:	Thomas H. TAN	
	Maria G. LAM	
Signature:	Steven R. RADOS	Date:
Signature:	John F. MACIAS	Date:

Verizon Invention Assignment for Verizon Docket No.: 20110237

Page 1 of 2

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<u>ASSIGNORS</u>	<u>.</u>	
Signature:	Priscilla LAU	Date:
Signature:	Anda AKSI	Date: 12/23/20/1
Signature:	Jay J. LEE	Date:
Signature:	Lalit R. KOTECHA	Date:
Signature:	Derek Hongwei H. BAO	Date:
Signature:	Thomas H. TAN	Date: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Signature:	Maria G. LAM	Date:
Signature:	Steven R. RADOS	Date:
Signature:	John F. MACIAS	Date:

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which was filed on and as	signed Application No.
and in and to said application, and all divisional, continued reissue, provisional, and all other applications for Letters United States and all foreign countries on any of said imprapplication; and in and to all original and reissued patents States and foreign countries from any of said applications the filing of any of said applications; and in and to all Convention for the Protection of Industrial Property to any	Patent which have been or shall be filed in the overments or based on or claiming priority to said which have been or shall be issued in the United, and in and to all rights of priority resulting from rights which may exist under the International

I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to

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Priscilla LAU	Date:
	Date:
	Date: 12/12/20/1
	Date:
	Maria G. LAM Steven R. RADOS

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I/we hereby authorize and request the Assignee, its successors, assigns and/or legal representatives, to
insert here in the parentheses (Application Number 13/336, 442, filed 12-23-2011) the filing
date and application number of said application when known.
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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
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ASSIGNORS	•	
Signature:	Priscilla LAU	Date:
Signature:	Arda AKSU	Date:
Signature:	Jay J. LEE	Date:
Signature:	Lalit R. KOTECHA	Date:
Signature:	Derek Hongwei H. BAO	Date:
Signature:	Thomas H. TAN	Date:
	Maria G. LAM	<u></u>
Signature:	Steven R. RADOS	Date:
Signature:	John F. MACIAS	Date:

Verizon Invention Assignment for Verizon Docket No.: 20110237

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ASSIGNORS:	l.	
Signature:	Priscilla LAU	Date:
Signature:	Arda AKSU	Date:
Signature:	Jay J. LEE	Date:
Signature:	Lalit R. KOTECHA	Date:
Signature:	Derek Hongwei H. BAO	Date: 12-13-11
Signature:	Thomas H. TAN	Date:
Signature:	Maria G. LAM	Date:
Signature:	Steven R. RADOS	Date:
Signature:	John F. MACIAS	Date;

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	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 $\frac{13/336,442}{42}$, filed $\frac{12-23-2011}{42}$) 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;	
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ASSIGNORS:		
Signature:Priscilla LAU	Date:	A transfer of the state of the
Signature:Arda AKSU	Date:	
Signature:	Date:	
Signature: Lalit R. KOTECHA		
Signature: Derek Hongwei H. BAO	Date:	
Signature: Thomas H. TAN	Date:	-
Signature: Maria G. LAM		
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		,
		-

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Signature:	Arda AKSU	Date:
Signature:	Jay J. LEE	Date:
Signature:	Lalit R. KOTECHA	Date:
Signature:	Derek Hongwei H. BAO	Date:
Signature:	Thomas H. TAN	Date:
Signature:	MariaaG LAM	Date:
Signature:	Maria G. LAM Steven R. RADOS	Date: 12/14/11
Signature:	SIGNAR RADOS	Date:

John F. MACIAS

ASSIGNORS:

Committee of the committee of

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Verizon Invention Assignment for Verizon Docket No.: 20110237

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	ASSIGNORS:		
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	Signature:	Arda AKSU	Date:
	Signature:	Jay J. LEE	Date:
	Signature:	Lalit R. KOTECHA	Date:
	Signature: Signature:	Derek Hongwei H. BAO Thomas H. TAN	Date:
Charles of the Mark Sun	Signature:	Maria G. LAM Steven R. RADOS	Date:
Section 1985	Signature:	John F. Macias	Date: 12/12/11

PATENT REEL: 027442 FRAME: 0018

RECORDED: 12/23/2011