505010165 07/18/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5056913

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
THOMAS H. TAN	12/22/2011
MARIA G. LAM	12/13/2011
STEVEN R. RADOS	12/19/2011
JOHN F. MACIAS	12/12/2011
DEREK HONGWEI BAO	12/13/2011

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:	16039130

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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: 20110237D1

NAME OF SUBMITTER: SADIQ A. ANSARI

PATENT 505010165 REEL: 046389 FRAME: 0534

SIGNATURE:	/Sadiq A. Ansari/
DATE SIGNED:	07/18/2018
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

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, filed $\frac{12-23-2011}{336}$) 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:

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

- 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 Assignce, 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>, NJ 07920.

ASSIGNORS:		
Signature:	Priscilla LAU	Date: 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	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 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;
**	the that said Assigner may apply for and receive Letters Patent for said improvements in its own name: and

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Signature:		Date:
Signature:	Priscilla LAU Arda AKSV	Date: 12/23/2011
Signature:	Jay J. LEE	Date:
Signature:	Lalit R. KOTECHA	Date:
Signature:		Date:
Signature:	Thomas H. TAN	Date: 12/22/2011
Signature:	Maria G. LAM	Date:
Signature:	Steven R. RADOS	Date:
Signature:	John F. MACIAS	Date:

ASSIGNORS:

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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:
	Arda AKSU	Date:
Signature:	Jay J. LEE	Date: 12/12/2011
	Lalit R., KOTECHA	Date:
Signature:	Derck 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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<u>ASSIGNORS</u>	Ĭ.	
Signature:	2 1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date:
	Priscilla LAU	
Signature:	Arda AKSU	Date:
Signature:	Y Y Y DD	Date:
Signature:	Jay J. LEE Service Lalit R. KOTECHA	Date: 12/12/11
Signature:	Derek Hongwei H. BAO	Date:
Signature:	Thomas H. TAN	Date:
Signature:	Maria G. LAM	
Signature:	Steven R. RADOS	Date:
Signature:	Ioho E MACIAS	Date:

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ASSIGNORS:		
Signature: Priscilla LAU	Date:	
Signature:Arda AKSU	Date:	
Signature:	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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	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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Verizon Invention Assignment for Verizon Docket No.: 20110237

Page 2 of 2

IN WITNESS to my/our agreement to the foregoing, I/we have	executed this Assignment as set forth	n below:
Verizon entity (Assignee): <u>Verizon Patent and Licensing Inc.</u> , <u>Basking Ridge</u> , NJ 07920.	having a place of business at <u>One Ve</u>	rizon Way,
ASSIGNORS:		
Signature: Priscilla LAU	Date:	
Signature: Arda AKSU	Date:	-
Signature: Jay J. LEE	Date:	
Signature: Lalit R. KÖTECHA	Date:	
Signature: Derek Hongwei H. BAO	Date:	
Signature:Thomas H. TAN	Date:	
Signature: Maria G. LAM	Date: [2-[3-1]	
Signature: Steven R. RADOS	Date:	
Signature:John F. MACIAS	Date:	
•		
	•	

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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:
Signature:	Marias IAM	Date:
Signature:	MariaoG. LAM Steven R. RADOS	Date: 12/19/11
Signature:	John F. MACIAS	Date:

ASSIGNORS:

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	ASSIGNORS:	· .				
	Signature:	Priscilla LAU	Date:		_	
•	Signature:		Date:			
		Arda AKSU				
	Signature:	Jay J. LEE	Date:		,	
	Signature:	Lalit R. KOTECHA	Date:		nacione.	
••	Signature:		Date:		-	
	An in American	Derek Hongwei H. BAO				
Self of the self o	Signature:	Thomas H. TAN	Date:			
Seath of the seather	Signature:	Mária G. LAM	Date:			
The Control of the Co	Signature:	Steven R. RADOS	Date:	en e	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Section 19	Signature:	John F. Mann	Date:	2/12/11		eren German de la companya de la companya German de la companya
		ohn F. MACIAS		, ,		

PATENT REEL: 046389 FRAME: 0551

RECORDED: 07/18/2018