# 503589879 12/01/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3636509

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT A. QUAN	12/13/2006
JAMES C. JONES	12/12/2006
KAREN J. JACKSON	04/17/2007
DAGMAR D. MAYOR	12/13/2006
ROSA M. UNDERWOOD	12/13/2006

## **RECEIVING PARTY DATA**

Name:	VERIZON SERVICES CORP.
Street Address:	22001 LOUDOUN COUNTY PARKWAY
City:	ASHBURN
State/Country:	VIRGINIA
Postal Code:	20147

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13353083

## **CORRESPONDENCE DATA**

**Fax Number:** (703)351-3665

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.

**Phone:** 703-351-3579

**Email:** eddy.valverde@verizon.com

Correspondent Name: VERIZON PATENT MANAGEMENT GROUP

Address Line 1: 1320 N. COURTHOUSE ROAD

Address Line 2: 9TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	VZ06099C2
NAME OF SUBMITTER:	JOSEPH R. PALMIERI
SIGNATURE:	/Joseph R. Palmieri, Reg. No. 40,760/
DATE SIGNED:	12/01/2015
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Total Attachments: 4

PATENT REEL: 037174 FRAME: 0836

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PATENT REEL: 037174 FRAME: 0837 4107365732

Verizon Invention Assignment for Verizon Reference No.: 2006099 Page 1 of 2

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

ASSIGNMENT

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

# SYSTEM FOR INTERCEPTING SIGNALS TO BE TRANSMITTED OVER A FIBER OPTIC NETWORK AND ASSOCIATED METHOD

	which has been executed by the unders hereby authorize and request the Assignee, its successor	igned concurrently herowith ors, assigns and/or legal rec	th, and in which case I/we presentatives, 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, con all other application for Letters Patent which have bee 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 results and to all rights which may exist under the Intern Property to any of the foregoing;	n or shall be filed in the Unit of application; and in and in ited States and foreign on the filing of any	nited States and all foreign to all original and reissued countries from any of said of said applications; and in			
II. agree that said Assignee may apply for and receive Letters Patent for improvements in its own name, and when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and I representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned execute all divisional, continuing, substitute, renewal, reissue, and all other patent application on any all said improvements; execute all rightful oaths, assignments, powers of attorney and other paterommunicate 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 Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing maintaining proper patent protection for said improvements and for vesting title to said improvements all applications for patents and all patents on said improvements, in said Assignee, its successors 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 WIT	NESS to my/our agreement to the foregoing, I/we have	executed this Assignment	as set forth below:			
	entity (Assignee): Verizon Services Corp., having a on, Virginia 22201.	place of business at 1310	North Court House Road,			
ASSIGN	NORS:					
Signatu	re: Lo Lu L Ou Curre ROBERT A. QUAN	Date: 12/13/2	006			
Signatur	TE: JAMES C. JONES	Date:	<u>.                                    </u>			
Signatu	re:KAREN J. JACKSON	Date:	<del></del> .			

PATENT REEL: 037174 FRAME: 0838

Signature:

ROBERT A. QUAN

KAREN J. JACKSON

Verizon Invention Assignment for Verizon Reference No.: 2006099 Page 1 of 2

## 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 SYSTEM FOR INTERCEPTING SIGNALS TO BE TRANSMITTED OVER A FIBER OPTIC NETWORK AND ASSOCIATED METHOD 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 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 Services Corp., having a place of business at 1310 North Court House Road, Arlington, Virginia 22201. ASSIGNORS:

> **PATENT** REEL: 037174 FRAME: 0839

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PAGE 06/06

Verizon Invention Assignment for Verizon Reference No.: 2006099 Page 2 of 2

Signature:

DAGMAR D. MAYOR

Date:

Signature:

ROSA M. UNDERWOOD

Date:

REEL: 037174 FRAME: 0840

Verizon Invention Assignment for Verizon Reference No.: VZ06099 Page 1 of 2

### 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

## SYSTEM FOR INTERCEPTING SIGNALS TO BE TRANSMITTED OVER A FIBER OPTIC NETWORK AND ASSOCIATED METHOD

	which has been executed by the undersigned concurrently herewith,	
$\boxtimes$	which was filed on December 22, 2006, and assigned Application No. 1	<u>1/615,444.</u>

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 Assignce 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

IN WITNESS to my/our agreement to the foregoing, I/we have executed this Assignment as set forth below:

Verizon entity (Assignee): Verizon Services Corp., having a place of business at 1310 North Court House Road, Arlington, Virginia 22201.

ASSIGNORS:

KAREN J. JACKSON

\_\_\_\_\_ Date: 4\17\07

**PATENT** REEL: 037174 FRAME: 0841

**RECORDED: 12/01/2015**