

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3532173

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE THIRD INVENTOR'S FIRST NAME previously recorded on Reel 019142 Frame 0771. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
SHAFQAT CHOWDHURY	03/26/2007
JENNIFER BABU	03/13/2007
BENYAM CHEKOL	03/23/2007
RECEIVING PARTY DATA	
Name:	VERIZON SERVICES CORP.
Street Address:	1320 NORTH COURTHOUSE ROAD
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11691757
CORRESPONDENCE DATA	
Fax Number:	(703)351-3665
<i>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.</i>	
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:	VZ06017
NAME OF SUBMITTER:	JOSEPH R. PALMIERI
SIGNATURE:	/Joseph R. Palmieri, Reg. No. 40,760/
DATE SIGNED:	09/18/2015
Total Attachments: 4	
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RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Shafqat Chowdhury (3/26/2007), Jennifer Babu (3/13/2007), and Benyam Chekol (3/23/2007)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Verizon Services Corp.

Internal Address: _____

Street Address: _____

1515 North Courthouse Road, Suite 500

City: Arlington

State: Virginia

Country: United States of America Zip: 22201

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name _____

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Verizon Legal Department
Patent Management Group

Internal Address: Atty. Dkt.: VZ06017

Street Address: 1515 Courthouse Road
Suite 500

City: Arlington

State: VA Zip: 22201

Phone Number: (703) 351-3586

Fax Number: (703) 351-3665

Email Address: michael.wrenn@verizon.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 18-0013
Authorized User Name Charles A. Bieneman

9. Signature:

/Charles A. Bieneman/

Signature

March 27, 2007

Date

Charles A. Bieneman - 51,472

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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

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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 _____, 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, VA 22201.

ASSIGNORS:

Signature: _____	Date: _____
Signature: <u>Shafiq Chowdhury</u>	Date: _____
Signature: <u>Jennifer B. Babu</u>	Date: <u>3/13/07</u>
Signature: _____	Date: _____
Signature: <u>Benyam Chekol</u>	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

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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 _____, 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, VA 22201

ASSIGNORS:

Signature: _____ Date: _____
Shafqat Chowdhury

Signature: _____ Date: _____
Jennifer Babu

Signature: Bennyam S. Chelot Date: 03/23/2007
Bennyam Chelot

PATENT