#### 506927331 10/18/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6974168

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YUNG-HWA TAI	11/27/2006
GREGORY WELCH	11/10/2006
JAMES L. VERLARE	11/30/2006

# **RECEIVING PARTY DATA**

Name:	VERIZON BUSINESS FINANCIAL MANAGEMENT CORP.	
Street Address:	22001 LOUDON COUNTY PARKWAY	
City:	ASHBURN	
State/Country:	VIRGINIA	
Postal Code:	20147	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12849622

# **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.

Phone: 202-920-5397

eddy.valverde@verizon.com Email:

VERIZON PATENT MANAGEMENT GROUP **Correspondent Name:** 

Address Line 1: 1300 I STREET NW Address Line 2: SUITE 500 EAST

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER:	20060214C1	
NAME OF SUBMITTER:	JOSEPH R. PALMIERI	
SIGNATURE:	/Joseph R. Palmieri/	
DATE SIGNED:	10/18/2021	

### **Total Attachments: 6**

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> PATENT REEL: 057821 FRAME: 0664

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Verizon Invention Assignment for Verizon Reference No. 20060214 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

# APPLICATION SERVICE INVOCATION

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, cominuing, 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): <u>Verizon Business Financial Management Corp.</u> having a place of business at <u>22001</u> <u>Loudoun County Parkway. Ashburn, Virginia 20147</u> .
ASSIGNORS:
Signature: Jong - Hwa Ton' Date: 11/27/06

Irene Tai

Verizon Invention Assignment for Verizon Reference No. 20060214 Page 2 of 2

Signature:	Date:
Gregory WELCH	
	- ·
Signature:	Date:
James L. VERLARE	

Verizon Invention Assignment for Verizon Reference No. 20060214 Page 1 of 2

p.3

# 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

# APPLICATION SERVICE INVOCATION

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	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. agr	ee 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. cov	renant 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): <u>Yerizon Business Financial Management Corp.</u> having a place of business at 22001 n County Parkway, Ashburn, Virginia 20147.
ASSIG)	NORS:
Signatu	re: Date: Yung-Hwa TAI

PATENT REEL: 057821 FRAME: 0667

Verizon Invention Assignment for Verizon Reference No. 20060214 Page 2 of 2

Signature:

Gregory WELCH

Date: 11-10-2006

Signature:

James L. VERLARE

Date:

Verizon Invention Assignment for Verizon Reference No. 20060214 Page 1 of 2

# **ASSIGNMENT**

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to any and all improvements which are described in the application for United States Letters Patent entitled

# APPLICATION SERVICE INVOCATION

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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
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ASSIGNORS:
Signature: Date:
Yung-Hwa TAI

Verizon Invention Assignment for Verizon Reference No. 20060214 Page 2 of 2

Signature:	Date:
Gregory WEI CH	<i>74.</i> 0.