

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3464808

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the INVENTOR'S NAME FROM YIN SIN CHAN TO YEE SIN CHAN AND FROM JIN CHAN TO JIN YANG previously recorded on Reel 035046 Frame 0117. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YEE SIN CHAN	12/17/2009
JIN YANG	12/17/2009
KAMLESH S. KAMDAR	12/17/2009
JAY J. LEE	12/17/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VERIZON PATENT AND LICENSING INC.
<b>Street Address:</b>	ONE VERIZON WAY
<b>City:</b>	BASKING RIDGE
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07920
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13898857
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	patentmail@fishstewip.com
<b>Correspondent Name:</b>	FISHMAN STEWART YAMAGUCHI PLLC
<b>Address Line 1:</b>	39533 WOODWARD AVE, SUITE 250
<b>Address Line 4:</b>	BLOOMFIELD HILLS, MICHIGAN 48304
<b>ATTORNEY DOCKET NUMBER:</b>	20090570C1/65632-0876
<b>NAME OF SUBMITTER:</b>	MICHAEL B. STEWART
<b>SIGNATURE:</b>	/MICHAEL B. STEWART/
<b>DATE SIGNED:</b>	07/31/2015
<b>Total Attachments: 6</b>	
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APPLICATION NUMBER: 13898857

FILING DATE: 05/21/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: PACKET BASED LOCATION PROVISIONING IN WIRELESS NETWORKS

ASSIGNMENT RECORDATION BRANCH

PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the LIST OF INVENTORS previously recorded on Reel 031669 Frame 0560. Assignor(s) hereby confirms the ASSIGNMENT.										
CONVEYING PARTY DATA											
<table><tr><th>Name</th><th>Execution Date</th></tr><tr><td>YIN SIN CHAN</td><td>12/17/2009</td></tr><tr><td>JIN CHAN</td><td>12/17/2009</td></tr><tr><td>KAMLESH S. KAMDAR</td><td>12/17/2009</td></tr><tr><td>JAY J. LEE</td><td>12/17/2009</td></tr></table>		Name	Execution Date	YIN SIN CHAN	12/17/2009	JIN CHAN	12/17/2009	KAMLESH S. KAMDAR	12/17/2009	JAY J. LEE	12/17/2009
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YIN SIN CHAN	12/17/2009										
JIN CHAN	12/17/2009										
KAMLESH S. KAMDAR	12/17/2009										
JAY J. LEE	12/17/2009										
RECEIVING PARTY DATA											
<table><tr><td>Name:</td><td>VERIZON PATENT AND LICENSING INC.</td></tr><tr><td>Street Address:</td><td>ONE VERIZON WAY</td></tr><tr><td>City:</td><td>BASKING RIDGE</td></tr><tr><td>State/ Country:</td><td>NEW JERSEY</td></tr><tr><td>Postal Code:</td><td>07920</td></tr></table>		Name:	VERIZON PATENT AND LICENSING INC.	Street Address:	ONE VERIZON WAY	City:	BASKING RIDGE	State/ Country:	NEW JERSEY	Postal Code:	07920
Name:	VERIZON PATENT AND LICENSING INC.										
Street Address:	ONE VERIZON WAY										
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PROPERTY NUMBERS Total: 1											
<table><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>13898857</td></tr></table>		Property Type	Number	Application Number:	13898857						
Property Type	Number										
Application Number:	13898857										
CORRESPONDENCE DATA											
Fax Number: (248)594-0610 Phone: 248-594-0600 Email: akb@raderfishman.com <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> Correspondent Name: RADER, FISHMAN & GRAUER PLLC Address Line 1: 39533 WOODWARD AVE. Address Line 2: SUITE 140 Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48304											
ATTORNEY DOCKET NUMBER:	65632-0876										
NAME OF SUBMITTER:	ANDREA BLENDEA										
Signature:	/Andrea Blendea/										
Date:	02/19/2015										

PATENT

REEL: 036242 FRAME: 0501

**Total Attachments: 6**

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**RECEIPT INFORMATION**

**EPAS ID:** PAT3232873  
**Receipt Date:** 02/19/2015

**PATENT**

**REEL: 036242 FRAME: 0502**

## 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

### PACKET BASED LOCATION PROVISIONING IN WIRELESS NETWORKS

☒ 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 (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): Verizon Patent and Licensing Inc., having a place of business at One Verizon Way, Basking Ridge, NJ 07920.

#### ASSIGNORS:

Signature: \_\_\_\_\_

Yee Sin Chan

Date: \_\_\_\_\_

12/17/2009

Signature: \_\_\_\_\_

Jin Yang

Date: \_\_\_\_\_


12/17/2009

Signature: \_\_\_\_\_

Kamlesh S. Kamdar

Date: \_\_\_\_\_

12/17/09

Signature:   
Jay J. Lec

Date: 12/17/09