

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3085189

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PING SHI	06/13/2014
WEE KIAN TOH	07/22/2014
NAVID NADER	12/30/2013
JORGE FABREGA SANCHEZ	01/09/2014
VIJAYAKUMAR KRISHNAMURTHY	10/24/2014
SIDDARDHA NARAHARISSETTI	10/23/2014
VINH VO	08/31/2014
ROBERT MCCARTHY	06/12/2014
MINGLIANG DU	07/29/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FUTUREWEI TECHNOLOGIES, INC.
<b>Street Address:</b>	5340 LEGACY DRIVE
<b>Internal Address:</b>	SUITE 175
<b>City:</b>	PLANO
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14145675
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)628-3616
<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>Phone:</b>	972-628-3600
<b>Email:</b>	patents@munckwilson.com
<b>Correspondent Name:</b>	DOCKET CLERK/FWTI
<b>Address Line 1:</b>	P.O. DRAWER 800889
<b>Address Line 4:</b>	DALLAS, TEXAS 75380
<b>ATTORNEY DOCKET NUMBER:</b>	HUAW07-04113
<b>NAME OF SUBMITTER:</b>	ROBERT D. MCCUTCHEON

PATENT

<b>SIGNATURE:</b>	/ROBERT D. MCCUTCHEON/
<b>DATE SIGNED:</b>	10/29/2014
<b>Total Attachments: 18</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif source=Assignment#page12.tif source=Assignment#page13.tif source=Assignment#page14.tif source=Assignment#page15.tif source=Assignment#page16.tif source=Assignment#page17.tif source=Assignment#page18.tif	

**ASSIGNMENT**

**WHEREAS WE, PING SHI, WEE KIAN TOH, NAVID NADER, JORGE FABREGA SANCHEZ, VIJAYAKUMAR KRISHNAMURTHY, SIDDARDHA NARAHARISETTI, VINH VO, ROBERT MCCARTHY AND MINGLIANG DU, have invented and own a certain invention entitled:**

**“WIRELESS ELECTRONIC DEVICE WITH SWITCHABLE ANTENNA SYSTEM”**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_; and

**WHEREAS, FUTUREWEI TECHNOLOGIES, INC.** of 5340 Legacy Drive, Suite 175, Plano, Texas 75024, U.S.A., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representative, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent applications and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such application or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and

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Attorney Docket No. HUAW07-04113

agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date: <u>6/13/2014</u>	<u>Ping Shi</u> Ping Shi
Date: _____	_____ Wee Kian Toh
Date: _____	_____ Navid Nader
Date: _____	_____ Jorge Fabrega Sanchez
Date: _____	_____ Vijayakumar Krishnamurthy
Date: _____	_____ Siddardha Naraharisetti
Date: _____	_____ Vinh Vo
Date: _____	_____ Robert McCarthy
Date: _____	_____ Mingliang Du

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IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

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

\_\_\_\_\_  
Ping Shi

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

July 22nd, 2014

\_\_\_\_\_  
Wee Kian Toh

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

\_\_\_\_\_  
Navid Nader

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

\_\_\_\_\_  
Jorge Fabrega Sanchez

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

\_\_\_\_\_  
Vijayakumar Krishnamurthy

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

\_\_\_\_\_  
Siddardha Naraharisetti

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

\_\_\_\_\_  
Vinh Vo

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

\_\_\_\_\_  
Robert McCarthy

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

\_\_\_\_\_  
Mingliang Du

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for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_; and

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Attorney Docket No. HUAW07-04557

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IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date: _____	_____ Ping Shi
Date: _____	_____ Wee Kian Toh
Date: <u>12/30/2013</u>	 _____ Navid Nader
Date: _____	_____ Jorge Fabrega Sanchez
Date: _____	_____ Vijayakumar Krishnamurthy
Date: _____	_____ Siddardha Naraharisetti
Date: _____	_____ Vinh Vo
Date: _____	_____ Robert McCarthy
Date: _____	_____ Mingliang Du



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Date: _____	_____
	Ping Shi
Date: _____	_____
	Wee Kian Toh
Date: _____	_____
	Navid Nader
Date: <u>1/9/2014</u>	<u>Jorge</u>
	Jorge Fabrega Sanchez
Date: _____	_____
	Vijayakumar Krishnamurthy
Date: _____	_____
	Siddardha Naraharisetti
Date: _____	_____
	Vinh Vo
Date: _____	_____
	Robert McCarthy
Date: _____	_____
	Mingliang Du

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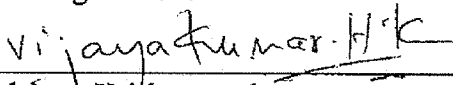
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Date: _____	_____ Ping Shi
Date: _____	_____ Wee Kian Toh
Date: _____	_____ Navid Nader
Date: _____	_____ Jorge Fabrega Sanchez
Date: 10/24/2014	 _____ Vijayakumar Krishnamurthy
Date: _____	_____ Siddardha Naraharisetti
Date: _____	_____ Vinh Vo
Date: _____	_____ Robert McCarthy
Date: _____	_____ Mingliang Du

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Date: _____	_____ Wee Kian Toh
Date: _____	_____ Navid Nader
Date: _____	_____ Jorge Fabrega Sanchez
Date: _____	_____ Vijayakumar Krishnamurthy
Date: <u>10/23/2014</u>	<u>N-VS-1222222</u> Siddardha Naraharisetti
Date: _____	_____ Vinh Vo
Date: _____	_____ Robert McCarthy
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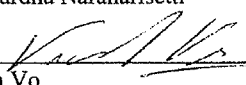
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	Wee Kian Toh
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Date: _____	_____
	Vijayakumar Krishnamurthy
Date: _____	_____
	Siddardha Naraharisetti
Date: <u>Aug 31, 2014</u>	<u></u>
	Vinh Vo
Date: _____	_____
	Robert McCarthy
Date: _____	_____
	Mingliang Du



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for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_; and

**WHEREAS, FUTUREWEI TECHNOLOGIES, INC.** of 5340 Legacy Drive, Suite 175, Plano, Texas 75024, U.S.A., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representative, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent applications and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

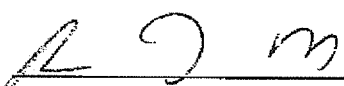
**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such application or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and

In re Appln. Of Ping Shi, Wee Kian Toh, Navid Nader, Jorge Fabrega Sanchez, Vijayakumar Krishnamurthy, Siddardha Naraharisetti, Vinh Vo, Robert McCarthy, Mingliang Du  
Attorney Docket No. HUAW07-04113

agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date: _____	_____ Ping Shi
Date: _____	_____ Wee Kian Toh
Date: _____	_____ Navid Nader
Date: _____	_____ Jorge Fabrega Sanchez
Date: _____	_____ Vijayakumar Krishnamurthy
Date: _____	_____ Siddardha Naraharisetti
Date: _____	_____ Vinh Vo
Date: <u>6-12-14</u>	 Robert McCarthy
Date: _____	_____ Mingliang Du

**ASSIGNMENT**

**WHEREAS WE, PING SHI, WEE KIAN TOH, NAVID NADER, JORGE FABREGA SANCHEZ, VIJAYAKUMAR KRISHNAMURTHY, SIDDARDHA NARAHARISETTI, VINH VO, ROBERT MCCARTHY AND MINGLIANG DU,** have invented and own a certain invention entitled:

**“WIRELESS ELECTRONIC DEVICE WITH SWITCHABLE ANTENNA SYSTEM”**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on \_\_\_\_\_, under U.S. Application No. \_\_\_\_\_; and

**WHEREAS, FUTUREWEI TECHNOLOGIES, INC.** of 5340 Legacy Drive, Suite 175, Plano, Texas 75024, U.S.A., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representative, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent applications and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

**WE HEREBY AUTHORIZE** the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

**WE DO HEREBY COVENANT** and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such application or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and

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agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

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	Ping Shi
Date: _____	_____
	Wee Kian Toh
Date: _____	_____
	Navid Nader
Date: _____	_____
	Jorge Fabrega Sanchez
Date: _____	_____
	Vijayakumar Krishnamurthy
Date: _____	_____
	Siddardha Naraharisetti
Date: _____	_____
	Vinh Vo
Date: _____	_____
	Robert McCarthy
Date: <u>7/29/2014</u>	<u>Mingliang Du</u>