

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Haiguang Wang	11/22/2011
Shulan Feng	11/14/2011
Jinnan Liu	11/14/2011
RECEIVING PARTY DATA	
Name:	Huawei Technologies Co., Ltd.
Street Address:	Huawei Administration Building, Bantian, Longgang District,
City:	Shenzhen, 518129, Guangdong, P.R.
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13305382
CORRESPONDENCE DATA	
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Correspondent Name:	Munck Carter, LLP
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Address Line 2:	Docket Clerk
Address Line 4:	Dallas, TEXAS 75380
NAME OF SUBMITTER:	Robert D. McCutcheon
Total Attachments: 3 source=Assignment53402#page1.tif source=Assignment53402#page2.tif source=Assignment53402#page3.tif	

CH \$40.00 13305382

ASSIGNMENT

WHEREAS, WE,

Haiguang WANG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Shulan FENG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

Jinnan LIU
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:

DYNAMIC SPECTRUM ALLOCATION METHOD AND DEVICE
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, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, 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 considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, 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 application 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,

In re Appln. of Wang et al.
Attorney Docket No. _____

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 applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and 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>NOV 22, 2011</u>	<u>Haiguang WANG</u> Haiguang WANG
Date	<u>NOV 22, 2011</u>	<u>Qiang WANG</u> Witness
Date	<u>NOV 22, 2011</u>	<u>YONG Zhou</u> Witness

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Date	_____	_____
		Shulan FENG
Date	_____	_____
		Witness
Date	_____	_____
		Witness

=====

Date	_____	_____
		Jinnan LIU
Date	_____	_____
		Witness
Date	_____	_____
		Witness

In re Appln. of Wang et al.
Attorney Docket No. _____

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 applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and 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 _____
Haiguang WANG

Date _____
Witness

Date _____
Witness

=====
Date November 14, 2011
Shulan FENG
Shulan FENG

Date November 14, 2011
Yajuan LI
Witness

Date November 14, 2011
Jie Shi
Witness

=====
Date November 14, 2011
Jinnan LIU
Jinnan LIU

Date November 14, 2011
Yajuan LI
Witness

Date November 14, 2011
Jie Shi
Witness