

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MIKHAIL PIKHLETSKY</td> <td>02/19/2014</td> </tr> <tr> <td>ZEZHOU LUO</td> <td>02/17/2014</td> </tr> <tr> <td>HONGCHENG ZHUANG</td> <td>02/17/2014</td> </tr> <tr> <td>FARID KHAFIZOV</td> <td>02/17/2014</td> </tr> </tbody> </table>		Name	Execution Date	MIKHAIL PIKHLETSKY	02/19/2014	ZEZHOU LUO	02/17/2014	HONGCHENG ZHUANG	02/17/2014	FARID KHAFIZOV	02/17/2014		
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Huawei Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Huawei Administration Building</td> </tr> <tr> <td>Internal Address:</td> <td>Bantian, Longgang District</td> </tr> <tr> <td>City:</td> <td>Shenzhen, Guangdong</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>518129</td> </tr> </table>		Name:	Huawei Technologies Co., Ltd.	Street Address:	Huawei Administration Building	Internal Address:	Bantian, Longgang District	City:	Shenzhen, Guangdong	State/Country:	CHINA	Postal Code:	518129
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PROPERTY NUMBERS Total: 1													
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Application Number:	14189821												
CORRESPONDENCE DATA													
Fax Number:	(312)616-5700												
Phone:	312-616-5600												
Email:	assignments@leydig.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	LEYDIG, VOIT & MAYER, LTD.												
Address Line 1:	TWO PRUDENTIAL PLAZA, SUITE 4900												
Address Line 2:	180 N. STETSON AVENUE												
Address Line 4:	CHICAGO, ILLINOIS 60601-6731												
ATTORNEY DOCKET NUMBER:	HW716259												
NAME OF SUBMITTER:	JOHN B. CONKLIN												

PATENT

Signature:	/John B. Conklin/
Date:	02/26/2014
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

WHEREAS, WE,

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

Ze Zhou LUO
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA; and

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

Farid Khafizov
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:

**METHOD, DEVICE AND SYSTEM FOR DYNAMIC FREQUENCY SPECTRUM
OPTIMIZATION**

for which invention we have executed an application (provisional or non-provisional) for a U.S.
patent, which was filed on 02/25/2014, under U.S. Application No. _____ and
14/189,821

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 Mikhail et al.
Attorney Docket No. HW716259

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 Feb 19, 2014


Pikhletsy Mikhail

Date _____

Zezhou LUO

Date _____

Hongcheng ZHUANG

Date _____

Farid Khafizov

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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 _____

Pikhletsy Mikhail

Date Feb. 17, 2014

Zezhou LUO

Zezhou LUO

Date Feb. 17, 2014

Hongcheng ZHUANG

Hongcheng ZHUANG

Date Feb 17, 2014

Farid Khafizov

Farid Khafizov