

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3122591

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JIANBING YANG	11/03/2014
	ZUOMIN WU	10/30/2014
	XINWEI ZHI	11/06/2014
	XINGQING CHENG	11/06/2014
RECEIVING PARTY DATA		
Name:	HUAWEI TECHNOLOGIES CO., LTD.	
Street Address:	HUAWEI ADMINISTRATION BUILDING	
Internal Address:	BANTIAN, LONGGANG DISTRICT	
City:	SHENZHEN	
State/Country:	CHINA	
Postal Code:	518129	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14532701	
CORRESPONDENCE DATA		
Fax Number:	(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>		
Phone:	972 628 3600	
Email:	patents@munckwilson.com	
Correspondent Name:	DOCKET CLERK/HTCL	
Address Line 1:	P.O. DRAWER 800889	
Address Line 4:	DALLAS, TEXAS 75380	
ATTORNEY DOCKET NUMBER:	HUAW06-57161	
NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON	
SIGNATURE:	/ROBERT D. MCCUTCHEON/	
DATE SIGNED:	11/25/2014	
Total Attachments: 6		
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PATENT

Attorney Docket No. _____
Client Reference No. 83457161US05

ASSIGNMENT

WHEREAS, WE,

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

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

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

Xingqing CHENG
Huawei Administration Building
Bantian, Longgang District
Shenzhen, 518129, Guangdong
P.R. CHINA;

have invented and own a certain invention entitled:
METHOD FOR ACQUIRING SIGNAL TO NOISE RATIO, SIGNAL RECEIVING DEVICE
AND SIGNAL SENDING 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

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

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 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 Nov. 3, 2014

Jianbing YANG

Jianbing YANG

Date Oct 30, 2014

Zuomin WU

Zuomin WU

Date _____

Xinwei ZHI

Date _____

Xingqing CHENG

PATENT

Attorney Docket No. _____
Client Reference No. 83457161US05

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

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patent, which was filed on 04 Nov 2014, under U.S. Application No. 14532701 and

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application and other such applications (e.g., provisional applications, non-provisional
applications, continuations, continuations-in-part, divisionals, reissues, reexaminations,
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In re Appln. of YANG et al.
Attorney Docket No. _____

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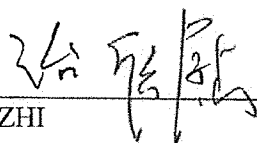
Date _____

Jianbing YANG

Date _____

Zuomin WU

Date 2014.11.06



Xinwei ZHI

Date _____

Xingqing CHENG

PATENT

Attorney Docket No. _____
Client Reference No. 83457161US05

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Jianbing YANG
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Bantian, Longgang District
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P.R. CHINA; and

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Shenzhen, 518129, Guangdong
P.R. CHINA; and

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

Date _____

Jianbing YANG

Date _____

Zuomin WU

Date _____

Xinwei ZHI

Date Nov 6, 2014

Xingqing CHENG
Xingqing CHENG