

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2938789

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRANISLAV POPOVIC	09/12/2013
WEIJUN SUN	09/27/2013
RECEIVING PARTY DATA	
Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	HUAWEI ADMINISTRATION BUILDING,
Internal Address:	BANTIAN, LONGGANG DISTRICT
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14330095
CORRESPONDENCE DATA	
Fax Number:	(202)434-1501
<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:	2024341500
Email:	rcole@s-n-h.com
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Address Line 2:	7TH FLOOR
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	2382.1066
NAME OF SUBMITTER:	PAUL I. KRAVETZ REG # 35,230
SIGNATURE:	/Paul I. Kravetz/
DATE SIGNED:	07/15/2014
Total Attachments: 4	
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source=USAssignment#page2.tif	
source=USAssignment#page3.tif	
source=USAssignment#page4.tif	
PATENT	

ASSIGNMENT

WHEREAS, WE,

Branislav Popovic
Floor 3, 4 Skalholtsgatan 9-11 Box
54, SE-164 40 Kista, Sweden; and

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

have invented and own a certain invention entitled:
GENERATING AND TRANSMITTING DEMODULATION REFERENCE SIGNALS
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,
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 re Appln. of Popovic et al.
Attorney Docket No. _____

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

Date	<u>2013-09-12</u>	<u>Branislav Popovic</u> Branislav Popovic
Date	<u>2013-9-12</u>	<u>Yu Jian</u> Witness
Date	<u>2013-9-12</u>	<u>Yinggang DU</u> Witness

Date	_____	_____
		Weijun SUN
Date	_____	_____
		Witness
Date	_____	_____
		Witness

ASSIGNMENT

WHEREAS, WE,

Branislav Popovic Floor 3, 4 Skalholtsgatan 9-11 Box 54, SE-164 40 Kista, Sweden; and	Weijun SUN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;
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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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 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,
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 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
 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 re Appln. of Popovic et al.
Attorney Docket No.

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

Date _____
Branislav Popovic

Date _____
Witness

Date _____
Witness

Date September 27, 2013
Weijun SUN

Date September 27, 2013
Weijun SUN
Qiang WU

Date September 27, 2013
Huijing SHAN
Witness