504205623 01/31/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MARKUS M. DILLINGER	01/26/2017	
NIKOLA VUCIC	10/24/2016	
HERMANN HARTWIG	01/19/2017	
ROBERT EIGENMANN	08/18/2015	

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:	14822117			

CORRESPONDENCE DATA

Fax Number: (972)628-3616

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.

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:	HUAW06-77039		
NAME OF SUBMITTER:	ROBERT D. MCCUTCHEON		
SIGNATURE:	/ROBERT D. MCCUTCHEON/		
DATE SIGNED:	01/31/2017		

Total Attachments: 8

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PATENT REEL: 041135 FRAME: 0766

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Attorney Docket No. Client Reference No. 83377039US04

ASSIGNMENT

WHEREAS, WE,

Markus M. Dillinger 80992 GmbH. Riesstr. 25, München, Germany; and

Nikola Vucic Huawei Technologies Deutschland Huawei Technologies Deutschland GmbH, Riesstr. 25, 80992 München, Germany; and

Hermann Hartwig Huawei Technologies Deutschland GmbH, Riesstr. 25. 80992 München, Germany; and

Robert Eigenmann Huawei Technologies Deutschland GmbH, Riesstr. 25, 80992 München, Germany.

have invented and own a certain invention entitled:

Radio communications system

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 10 Aug 2015, under U.S. Application No. 14822117 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

In re Appln. of Dillinger et al. Attorney Docket No			
perfect the Assignee's enjoyment of this as making application for and obtaining origin reissued, reexamined, and National phase pa on the invention, and in enforcing any right applications or patents, and by executing st	s the Assignee may deem necessary or desirable to ssignment, and render all necessary assistance in nal, continuation, continuation-in-part, divisional, atents of the U.S. or of any and all foreign countries s or chooses in action accruing as a result of such atements and other affidavits, it being understood shall bind, and inure to the benefit of, the assigns of.		
IN WITTNESS WHEREOF, We have hereunder set our hands on the dates shown below.			
Date Jan 26,2017	Markus M. Dillinger		
Date	Nikola Vucic		
Date	Hermann Hartwig		
Data			

Robert Eigenmann

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IN WITTNESS WHEREOF, We have hereunder set our hands on the dates shown below.				
Date	Markus M. Dillinger			
Date 24 October 2016	Nikola Vucic			
Date	Hermann Hartwig			
Date	Robert Eigenmann			

Attorney Docket No. Client Reference No. 83377039US04

ASSIGNMENT

WHEREAS, WE,

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Nikola Vucic Huawei Technologies Deutschland Huawei Technologies Deutschland GmbH, Riesstr. 80992 25, München, Germany; and

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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 WITTNESS WHEREOF, We have hereunder set our hands on the dates shown below.			
Date	Markus M. Dillinger		
Date	Nikola Vucic		
Date 19.1.17	Hermann Hartwig		

Robert Eigenmann

Date ____

Attorney Docket No. Client Reference No. 83377039US04

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Markus M. Dillinger Huawei Technologies Deutschland GmbH, Riesstr. 25, 80992

München, Germany; and

Nikola Vucic

Huawei Technologies Deutschland GmbH, Riesstr. 25, 80992

München, Germany; and

Hermann Hartwig

Huawei Technologies Deutschland GmbH, Riesstr. 25, 80992

München, Germany; and

Robert Eigenmann

Huawei Technologies Deutschland

GmbH, Riesstr. 25, 80992

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

Date	Markus M. Dillinger
Date	Nikola Vucic
Date	Hermann Hartwig
Date Aug. 18, 2015	Robert Figenmann