PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5880392

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN LUO	06/13/2019
NIKOLA VUCIC	06/11/2019
MARIO CASTANEDA	06/13/2019
TITOS KOKKINOS	06/11/2019

RECEIVING PARTY DATA

Name:	HUAWEI TECHNOLOGIES DUESSELDORF GMBH	
Street Address:	HANSAALLEE 205	
City:	DUESSELDORF	
State/Country:	GERMANY	
Postal Code:	40549	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16245781

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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: (312) 616-5600

Email: assignments@leydig.com **Correspondent Name:** LEYDIG, VOIT & MAYER, LTD.

Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900

Address Line 2: 180 NORTH STETSON AVENUE Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	HW741622
NAME OF SUBMITTER:	KAJAL AMIN
SIGNATURE:	/Kajal Amin/
DATE SIGNED:	12/20/2019

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT REEL: 051349 FRAME: 0105** 505833458

ASSIGNMENT

WHEREAS, WE,

Jian Luo Nikola Vucic

Riesstr. 25, 80992 Munich, Riesstr. 25, 80992 Munich,

Germany and Germany and

Mario Castaneda Titos Kokkinos

Riesstr. 25, 80992 Munich, Riesstr. 25, 80992 Munich,

Germany and Germany

have invented and own a certain invention entitled:

RADIO TRANSCEIVING DEVICE WITH MAIN AND AUXILIARY TRANSCEIVER AND METHODS PROVIDIING INITIAL ACCESS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 2019-01-11, under U.S. Application No. 16245781 and

WHEREAS, Huawei Technologies Duesseldorf GmbH, Hansaallee 205, 40549 Duesseldorf, Germany, 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

PATENT REEL: 051349 FRAME: 0106 In re Appln. of Luo et al. Attorney Docket No. HW741622

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.

Date 13 June 2019

Date 13 June 2019

Date 13 June 2019

Date 13 June 2019

Date 10 June 2019

Date 10 June 2019

Date 11 June 2019