## 505833153 12/20/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5880086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TONY VANHOUCKE	12/20/2019
MAHMOUD SHEHAB MOHAMMAD AL-SA'DI	12/19/2019
JOHANNES JOSEPHUS THEODORUS MARINUS DONKERS	12/20/2019
JAN WILLEM SLOTBOOM	12/20/2019

## **RECEIVING PARTY DATA**

Name:	NXP B.V.
Street Address:	HIGH TECH CAMPUS 60
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	NL-5656

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16723311

## **CORRESPONDENCE DATA**

**Fax Number:** (512)895-6630

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:** 512-895-8849

**Email:** angie.zalewski@nxp.com

Correspondent Name: INTELLECTUAL PROPERTY AND LICENSING NXP

Address Line 1: 411 EAST PLUMERIA DRIVE, MS41
Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	82121655US01
NAME OF SUBMITTER:	ANGIE ZALEWSKI
SIGNATURE:	/Angie Zalewski/
DATE SIGNED:	12/20/2019

### **Total Attachments: 4**

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PATENT 505833153 REEL: 051347 FRAME: 0811

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#### ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as below-named Assignor/s, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to NXP B.V., having a place of business at High Tech Campus 60, NL-5656 AG, Eindhoven, NL, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to 'SEMICONDUCTOR DEVICES WITH A MIXED CRYSTAL REGION' for which the following patent application(s) has/have been filed (we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 65913 to insert below the filing date and application number of the U.S. application when known):

Country	Application No.	Filing Date (mm/dd/yyyy)	Claims Priority of
US	16/723311	12/20/2019	

- (2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and
- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to NXP B.V., for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

<u>20 l</u>	12/2019		, Assignor
	Date	TOAY VANHOUCKE	
	e production of the second	neren.	, Assignor
	Date	MAHMOUD SHEHAB MOHAMMAD AL-SA'DI	
***************************************			, Assignor
	Date	JOHANNES JOSEPHUS THEODORUS MARINUS E	ONKERS
			, Assignor
e e	Date	JAN WILLEM SLOTBOOM	

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We certify that we have the full right to convey the above rights.

		, Assignor
Date	TONY VANHOUCKE	•
December 19,2019		, Assignor
Date	MAHMOUD SHEHAB MOHAMMAD AL-SA'DI	<b>_</b>
		, Assignor
Date	JOHANNES JOSEPHUS THEODORUS MARINUS I	ONKERS
NAME OF THE OWNER, WHICH WAS AND ADDRESS OF THE OWNER, WHICH WAS A		Assignor
Date	JAN WILLEM SLOTBOOM	-

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	<u> </u>	, Assignor
Date	TONY VANHOUCKE	
		, Assignor
Date	MAHMOYD SHEHAB MOHAMMAD A	IL-SA'DI
Dec 20.20	019 4	, Assignor
Date	JOHANNES JOSEPHUS THEODORUS	MARINUS DONKERS
	Control	, Assignor
Date	JAN WILLEM SLOTBOOM	

Docket No. 82121655US01

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RECORDED 12/20/2019