

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5880086

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NXP B.V.
<b>Street Address:</b>	HIGH TECH CAMPUS 60
<b>City:</b>	EINDHOVEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	NL-5656
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16723311
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)895-6630
<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>	
<b>Phone:</b>	512-895-8849
<b>Email:</b>	angie.zalewski@nxp.com
<b>Correspondent Name:</b>	INTELLECTUAL PROPERTY AND LICENSING NXP
<b>Address Line 1:</b>	411 EAST PLUMERIA DRIVE, MS41
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95134
<b>ATTORNEY DOCKET NUMBER:</b>	82121655US01
<b>NAME OF SUBMITTER:</b>	ANGIE ZALEWSKI
<b>SIGNATURE:</b>	/Angie Zalewski/
<b>DATE SIGNED:</b>	12/20/2019
<b>Total Attachments: 4</b>	
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source=82121655US01-Assignment#page2.tif	
source=82121655US01-Assignment#page3.tif	



## 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):

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

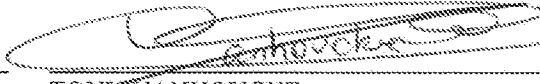
(2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, 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 prosecutorial 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.

20/12/2019  \_\_\_\_\_, Assignor  
Date TONY VANHOUCKE

\_\_\_\_\_, Assignor  
Date MAHMOUD SHEHAB MOHAMMAD AL-SA'DI

\_\_\_\_\_, Assignor  
Date JOHANNES JOSEPHUS THEODORUS MARINUS DONKERS

\_\_\_\_\_, Assignor  
Date JAN WILLEM SLOTBOOM

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US	16/723311	12/20/2019	

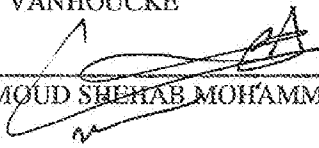
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We certify that we have the full right to convey the above rights.

_____ Date	_____ TONY VANHOUCKE	_____, Assignor
<i>December 19, 2019</i> Date	 _____ MAHMOUD SHERAB MOHAMMAD AL-SA'DI	_____, Assignor
_____ Date	_____ JOHANNES JOSEPHUS THEODORUS MARINUS DONKERS	_____, Assignor
_____ Date	_____ JAN WILLEM SLOTBOOM	_____, Assignor

# ASSIGNMENT

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_____	_____	Assignor
Date	TONY VANHOUCKE	
_____	_____	Assignor
Date	MAHMOUD SHEHAB MOHAMMAD AL-SA'DI	
Dec 20, 2019	_____	Assignor
Date	JOHANNES JOSEPHUS THEODORUS MARINUS DONKERS	
_____	_____	Assignor
Date	IAN WILLEM SLOTBOOM	

Docket No. 82171655US01

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Date: \_\_\_\_\_ Tony VanHoucke, Assignor

Date: \_\_\_\_\_ Mahmoud Sherar Mohammad Al-Saifi, Assignor

Date: \_\_\_\_\_ Nicholas Kellum / Thomas Marcus Ockers, Assignor

Date: \_\_\_\_\_ [Signature], Assignor