

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANTONIUS JOHANNES MATHEUS DE GRAAUW	05/13/2019
ANTONIUS HENDRIKUS JOZEF KAMPHUIS	05/13/2019
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<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5656-AG
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16415069
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>NAME OF SUBMITTER:</b>	ROBERT J. CRAWFORD
<b>SIGNATURE:</b>	/Robert J. Crawford/
<b>DATE SIGNED:</b>	05/17/2019
<b>Total Attachments: 2</b>	
source=82128574US01_Assignment_deGraauw_signed#page1.tif	
source=82128574US01_Assignment_Kamphuis_signed#page1.tif	

### ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as below-named Assignor/s, hereby sell, assign, and transfer any and all of the entire and exclusive right, title, and interest we may have 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 "APPARATUSES AND METHODS FOR COUPLING A WAVEGUIDE STRUCTURE TO AN INTEGRATED CIRCUIT PACKAGE" 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>
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(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.

<u>May 13, 2019</u>	<u>AJM de Graauw</u>	
Date	Antonius Johannes Matheus de Graauw	Assignor

Date	Antonius Hendrikus Jozef Kamphuis	Assignor

**ASSIGNMENT**

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

\_\_\_\_\_, Assignor  
Date Antonius Johannes Matheus de Graauw

13-5-2019  
Date \_\_\_\_\_, Assignor  
Antonius Hendrikus Jozef Kamphuis