

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER THEODORUS JOHANNES DEGEN	12/01/2015
HENRICUS THEODORUS PETRUS JOHANNES VAN ELK	12/01/2015
RECEIVING PARTY DATA	
Name:	NXP B.V.
Street Address:	HIGH TECH CAMPUS 60
City:	EINDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5656 AG
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15292529
CORRESPONDENCE DATA	
Fax Number:	(408)518-5557
<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>	
Phone:	408-518-5500
Email:	lynn.miller@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:	81690779US03
NAME OF SUBMITTER:	LYNN MILLER
SIGNATURE:	/Lynn Miller/
DATE SIGNED:	10/13/2016
Total Attachments: 1	
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ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I/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 "**DC-DC CONVERTERS HAVING A HALF-BRIDGE NODE, CONTROLLERS THEREFORE AND METHODS OF CONTROLLING THE SAME**" 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	15/292529	10/13/2016	EP15190018.0
EP	15190018.0	10/15/2015	

(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

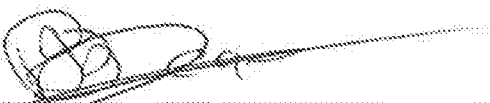
(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

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.

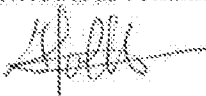
We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions 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.

December 1, 2015
Date


_____, Assignor
Peter Theodorus Johannes DEGEN

December 1, 2015
Date


_____, Assignor
Henricus Theodorus Petrus Johannes VAN ELK