PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3937274

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
PETER J. ZAMPARDI	06/24/2016
BRIAN G. MOSER	06/24/2016
MICHAEL MEEDER	06/24/2016
VENKATA CHIVUKULA	06/26/2016

RECEIVING PARTY DATA

Name:	QORVO US, INC.
Street Address: 7628 THORNDIKE ROAD	
City:	GREENSBORO
State/Country:	NORTH CAROLINA
Postal Code:	27409

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15194005	

CORRESPONDENCE DATA

Fax Number: (877)812-1249

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: 919-238-2300 Email: cstiers@wt-ip.com

Correspondent Name: WITHROW & TERRANOVA, P.L.L.C. 106 PINEDALE SPRINGS WAY Address Line 1: Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	2867-1899
NAME OF SUBMITTER:	CATHERINE E. STIERS
SIGNATURE:	/Catherine E. Stiers/
DATE SIGNED:	06/27/2016

Total Attachments: 8

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	ESD PROTECTION OF CAPACITORS USING LATERAL SURFACE SCHOTTKY DIODES			
}	As the below named inventor, I hereby declare that:			
This declaration is o	lirected to:			
The above-identified	d application is made or authorized to be made by me.			
I believe that I am that application.	ne original inventor or an original joint inventor of a claimed invention in the			
I hereby acknowleds U.S.C. 1001 by fine	ge that any willful false statement made in this declaration is punishable under 18 or imprisonment of not more than five (5) years, or both.			
North Carolina and l Carolina, 27409 (her title, and interest in a	US, Inc., a corporation duly organized and existing under the laws of the state of having a principal place of business at 7628 Thorndike Road, Greensboro, North reinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, and to said invention as described in the specification executed by me concurrently ad all Letters Patent which shall be granted therefor.			
NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said ASSIGNEE, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.				
I, the said assignor, transfer and set over unto the said ASSIGNEE the rights to the priority application, namely U.S. provisional application 62/238,509 filed on October 7, 2015.				
And for the consideration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its successors and assigns, that at the time of the execution and delivery of these presents I am a joint and				

And for the consideration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its successors and assigns, that I will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or

lawful owner of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that I have good right and lawful authority

PATENT REEL: 039020 FRAME: 0759

to sell and convey the same in the manner herein set forth.

substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to the said ASSIGNEE, its successors or assigns, but at its or their expense.

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and I hereby authorize and empower the said ASSIGNEE, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and I hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the ASSIGNEE, its successors, assignee, or nominee, without charge to the said ASSIGNEE, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR

Inventor: Peter J. Zampardi

Date: 6/24/16

Signature: (LLA) MA

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	ESD PROTECTION OF CAPACITORS USING LATERAL SURFACE
	SCHOTTKY DIODES d inventor, I hereby declare that:
	directed to: The attached application; or United States application or PCT international application number, filed on
The above-identifie	d application is made or authorized to be made by me.
I believe that I am t application.	he original inventor or an original joint inventor of a claimed invention in the
	ge that any willful false statement made in this declaration is punishable under 18 or imprisonment of not more than five (5) years, or both.
North Carolina and Carolina, 27409 (he title, and interest in	US, Inc., a corporation duly organized and existing under the laws of the state of having a principal place of business at 7628 Thorndike Road, Greensboro, North preinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, and to said invention as described in the specification executed by me concurrently and all Letters Patent which shall be granted therefor.
consideration, the resold, assigned, transfight, title and intereall Letters Patent of and all continuation the same to be held and the use and beh Patent may be grant	E, To All Whom It May Concern, be it known that for good and valuable eccipt and sufficiency of which is hereby acknowledged, I, the said assignor, have aftered and set over unto the said ASSIGNEE, its successors and assigns, the entire est in and to the above-mentioned application and invention and in and to any and the United States which may hereafter be granted therefor, and in any and to any s, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, and enjoyed by the said ASSIGNEE, for its interest, and for its own use and behalf, alf of its successors and assigns, to the full end of the term for which said Letters ed as fully and entirely as the same would have been held and enjoyed by me had sale not been made.
	transfer and set over unto the said ASSIGNEE the rights to the priority application, onal application 62/238,509 filed on October 7, 2015.
successors and assig lawful owner of the above-mentioned ar	ration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its gas, that at the time of the execution and delivery of these presents I am a joint and entire right, title and interest in and to the invention, application and Letters Patent and that the same are unencumbered, and that I have good right and lawful authority he same in the manner herein set forth.
successors and assig	ration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its gas, that I will, whenever its counsel or the counsel of its successors and assigns, that ladvise that an amendment, division, continuation, continuation-in-part, or

substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to the said ASSIGNEE, its successors or assigns, but at its or their expense.

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and I hereby authorize and empower the said ASSIGNEE, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and I hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the ASSIGNEE, its successors, assignee, or nominee, without charge to the said ASSIGNEE, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR

Intronton Duine C. Moron

Signature

Date: 6/24//6

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of	e of ESD PROTECTION OF CAPACITORS USING LATERAL SURFACE			
Invention	SCHOTTKY DIODES			
As the below named inventor, I hereby declare that:				
This declaration is c	lirected to: The attached application; or United States application or PCT international application number, filed on			
The above-identifie	d application is made or authorized to be made by me.			
I believe that I am that application.	ne original inventor or an original joint inventor of a claimed invention in the			
	ge that any willful false statement made in this declaration is punishable under 18 or imprisonment of not more than five (5) years, or both.			
North Carolina and Carolina, 27409 (he title, and interest in	US, Inc., a corporation duly organized and existing under the laws of the state of having a principal place of business at 7628 Thorndike Road, Greensboro, North reinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, and to said invention as described in the specification executed by me concurrently ad all Letters Patent which shall be granted therefor.			
NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said ASSIGNEE, for its interest, and for its own use and behalf, and the use and behalf of its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.				
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successors and assig lawful owner of the above-mentioned an	ration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its case, that at the time of the execution and delivery of these presents I am a joint and entire right, title and interest in and to the invention, application and Letters Patent of that the same are unencumbered, and that I have good right and lawful authority he same in the manner herein set forth.			

successors and assigns, that I will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or

And for the consideration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its

substitution of, or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue of the same without charge to the said ASSIGNEE, its successors or assigns, but at its or their expense.

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

For the consideration aforesaid, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, assigns or nominee, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and I hereby authorize and empower the said ASSIGNEE, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and I hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the ASSIGNEE, its successors, assignee, or nominee, without charge to the said ASSIGNEE, its successor, assignee or nominee, but at its or their expense.

IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR

Inventor: Michael Meed	er / /	Date: $6 - 24 - 16$
Signature:	Made	

DECLARATION (TOTALIAN) FOR CHILITY OR DENICS APPLICATION CANCAL APPLICATION DATA SHE COTOTE CANDASSICANI STRUMSINGE ASSICAL

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application.

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For the consideration of regard, I have sold, assigned, transferred and set over, and by these presents de sett, menge, transfer and set rest, miss the said A. M.A.E. its recommendation in members, the granted to a countries for age to the London Scales and to and applications for Lotters Facility when described to that application, and I have by authorize and conjugate the mile A SAC ACT. In the course and the control of th NOTE OF 10 THE COMMENT OF STREET, AND STREET, ON COMMENT, SO STREET, AND ADDRESS OF STREET, STREET, STREET, ST hardry coverage and agree to age at paper and drawings, take all rightful caths and the all all because you become to be done for processing of Lorent Patric, or other form of protection, but and

LEGAL NAME OF INVESTOR

Brown Carlotte Charles

Date (CA)

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