

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4662092

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIRK ROBERT WALTER LEIPOLD	10/15/2015
JULIO C. COSTA	10/14/2015
BAKER SCOTT	10/16/2015
GEORGE MAXIM	10/14/2015
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:	15795915
CORRESPONDENCE DATA	
Fax Number:	(877)812-1249
<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:	919-238-2300
Email:	wperkins@wt-ip.com
Correspondent Name:	WITHROW & TERRANOVA, P.L.L.C.
Address Line 1:	106 PINEDALE SPRINGS WAY
Address Line 4:	CARY, NORTH CAROLINA 27511
ATTORNEY DOCKET NUMBER:	2867-1409C
NAME OF SUBMITTER:	WARREN PERKINS
SIGNATURE:	/Warren Perkins/
DATE SIGNED:	10/27/2017
Total Attachments: 11	
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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	PRINTED CIRCUIT MODULE HAVING A SEMICONDUCTOR DEVICE WITH A PROTECTIVE LAYER IN PLACE OF A LOW-RESISTIVITY HANDLE LAYER
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As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application; or
 United States application or PCT international application number, filed on .

The above-identified application is made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, RF Micro Devices, Inc., a corporation duly organized and existing under the laws of the state of North Carolina and having a principal place of business at 7628 Thorndike Road, Greensboro, North Carolina, 27409 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said invention as described in the specification executed by me concurrently herewith, and any and 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 62/074,429 filed on 11/03/2014.

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

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 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: Dirk Robert Walter Leipold

Date: 10/15/2015

Signature: 

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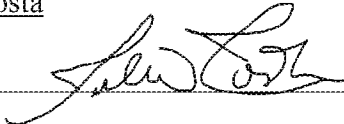
LEGAL NAME OF INVENTOR

Inventor: Julio C. Costa

Date: _____

10/14/2015

Signature: _____



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LEGAL NAME OF INVENTOR

Inventor: Baker Scott

Date: _____

10/16/15

Signature: _____



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

LEGAL NAME OF INVENTOR

Inventor: George Maxim

Date: 10/14/2015

Signature: _____

G Maxim

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"RF MICRO DEVICES, INC.", A NORTH CAROLINA CORPORATION, WITH AND INTO "TRIQUINT SEMICONDUCTOR, INC." UNDER THE NAME OF "QORVO US, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE FIFTH DAY OF APRIL, A.D. 2016, AT 2:05 O`CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE SECOND DAY OF MAY, A.D. 2016 AT 12:01 O`CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.




Jeffrey W. Bullock, Secretary of State

2667283 8100M
SR# 20162085825

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 202097223
Date: 04-05-16

PATENT
REEL: 043971 FRAME: 0662

**CERTIFICATE OF MERGER
OF
RF MICRO DEVICES, INC.
INTO
TRIQUINT SEMICONDUCTOR, INC.**

**Under Sections 55-11-05(a) and 55-11-07(a) of the North Carolina General Statutes and
Section 252 of the General Corporation Law of the State of Delaware**

TriQuint Semiconductor, Inc. hereby certifies that:

1. The name and state of incorporation of each of the constituent corporations are:

(a) TriQuint Semiconductor, Inc., a Delaware corporation; and

(b) RF Micro Devices, Inc., a North Carolina corporation.

2. An Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the provisions of Sections 55-11-01, 55-11-03, 55-11-05(a) and 55-11-07(a) of the North Carolina General Statutes and Section 252(c)(2) of the General Corporation Law of the State of Delaware.

3. The name of the surviving corporation is TriQuint Semiconductor, Inc.

4. The certificate of incorporation of the surviving corporation shall be amended by deleting Article I thereof and replacing such Article I with the following:

“The name of this Corporation is: Qorvo US, Inc.”

Other than the above-described amendment, the Certificate of Incorporation of the surviving entity shall be that of the surviving entity immediately following the merger in all respects.

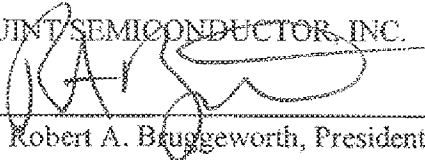
5. The executed Agreement and Plan of Merger is on file at the surviving corporation's offices located at 2300 N.E. Brookwood Parkway, Hillsboro, Oregon 97124.

6. A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

7. RF Micro Devices, Inc. is authorized to issue 1,000 shares of common stock, no par value per share.

8. This Certificate of Merger shall be effective at 12:01 a.m., Eastern Time, on May 2, 2016.

IN WITNESS WHEREOF, TriQuint Semiconductor, Inc. has caused this certificate to be signed by an authorized officer on March 30, 2016.

TRIQUINT SEMICONDUCTOR, INC.
By: 
Robert A. Bruggeworth, President

[Signature Page to Certificate of Merger
(TriQuint Semiconductor, Inc./RF Micro Devices, Inc.)]