#### 507130773 02/15/2022

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7177613

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOBY BALSOM	02/15/2022
JEROEN KUENEN	02/15/2022
VIKRAM CHATURVEDI	02/15/2022

#### **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:	17672361		

#### **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:** 9192382300

Email: flafrankie@wt-ip.com

Correspondent Name: QORVO AND WITHROW & TERRANOVA

Address Line 1: 106 PINEDALE SPRINGS WAY
Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	2867-3046	
NAME OF SUBMITTER:	FRAN LAFRANKIE	
SIGNATURE:	/FRAN LAFRANKIE/	
DATE SIGNED:	02/15/2022	

#### **Total Attachments: 6**

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PATENT REEL: 059018 FRAME: 0698

# 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	IMPROVED CURRENT-MONITOR CIRCUIT FOR VOLTAGE REGULATOR IN SYSTEM-ON-CHIP			
	l inventor, I hereby declare that:			
This declaration is c				
The above-identified	d 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.				
	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.			
WHEREAS, <u>Qorvo US</u> , <u>Inc.</u> , a corporation duly organized and existing under the laws of the state of Delaware 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.				
consideration, the resold, assigned, transright, title and interestall Letters Patent of and all continuation the same to be held and the use and behavior	E, To All Whom It May Concern, be it known that for good and valuable eceipt 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 63/289,321 filed on 12/14/2021.			
And for the conside	ration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its			

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

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

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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

nventor: Toby Balsom	Date: 15/02/22	

Signature: John Salson

# DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	IMPROVED CURRENT-MONITOR CIRCUIT FOR VOLTAGE REGULATOR IN SYSTEM-ON-CHIP
As the below m	uned 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-iden	tified application is made or authorized to be made by me.
I believe that I : application.	um the original inventor or an original joint inventor of a claimed invention in the
I hereby acknow 18 U.S.C. 1001	viedge that any willful false statement made in this declaration is punishable under by fine or imprisonment of not more than five (5) years, or both.
WHEREAS, Q of Delaware an	prvo US, Inc., a corporation duly organized and existing under the laws of the state d having a principal place of business at 7628 Thorndike Road, Greensboro, North (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, it is and to said invention as described in the specification executed by me

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, 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 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 in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of in any and to any and all continuations and enjoyed by the said ASSIGNEE, for its interest, and for 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.

concurrently herewith, and any and all Letters Patent which shall be granted therefor.

I, the said assignor, transfer and set over unto the said ASSIGNEE the rights to the priority application, namely U.S. provisional application 63/289,321 filed on 12/14/2021.

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 joint and lawful owner of the entire right, title and interest in and to the invention, application and joint and lawful owner of the entire right, title and interest in and to the invention, application 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 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-inpart, 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

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successors or assigns, but at its or their expense. ouths, 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

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

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

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

LEGAL NAME OF INVENTOR

Inventor: Jeroen Kuene

**PATENT** 

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

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

Therefore a second size that are will follow that ment made in this declaration is provided in the Second S

WHERE AS \$200 CS. Inc., a corporation duly organized and existing under the laws of the sale of less such as the sale of less such that the laws of the sale of less such that the laws of principal place of husiness at 7628 Thornolike Road. Greenshore North Carlo sale in the entire referred to as "ASSIGNEET), is destrous of acquiring the entire right. The sale sale in the specification executed by the consumers to said invention as described in the specification executed by the consumers to be able to said the curry Patent which shall be granted there or

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Date: 15-02-2022