## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5432881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BENJAMIN L. SCHWABE	12/21/2018
CHRISTIAN RAINER	02/02/2019
DARRYL GALIPEAU	02/01/2019

#### **RECEIVING PARTY DATA**

Name:	INFINEON TECHNOLOGIES AMERICAS CORP.
Street Address:	101 N. SEPULVEDA BLVD.
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16228444

#### **CORRESPONDENCE DATA**

Fax Number:

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.

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Email: docket@armisiplaw.com

Correspondent Name: PAUL P. KRIZ, ARMIS INTELLECTUAL PROPERTY LAW, LLC

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ATTORNEY DOCKET NUMBER:	2018P52009US
NAME OF SUBMITTER:	PAUL P. KRIZ
SIGNATURE:	/Paul P. Kriz/
DATE SIGNED:	03/21/2019

## **Total Attachments: 9**

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PATENT REEL: 048656 FRAME: 0817

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> PATENT REEL: 048656 FRAME: 0818

## **DECLARATION AND ASSIGNMENT** FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, on United States Plus all Foreign Patent Rights

Tible of investion ADAPTIVE CONTROL OF A SWITCHED VOLTAGE CONVERTER

	As a below named in	ventor (hereinafter desi	gnated as the u	ndersigned), I h	ereby declare that:
Application not Attached	This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:				
Enter Appln, No	United States Applic	ation Number or PCT In	ternational Appi	in. No.	16/228,444
Enter Filin Date	sliled on	December 20, 2	018		
	The above-identified	application was made o	r authorized to	be made by me	
	I believe that I am to application.	ne original inventor or a	n original joint i	inventor of a cla	ilmed invention in the
	I have reviewed and claims.	i understand the conter	its of the abov	e-identified app	lication, including the
		Buty to disclose informational Regulations § 1.56		naterial to pater	ntability as defined in
	WHEREAS, the und	ersigned has invented o	ertain at least o	ne claim in the a	application identified.
Insert Name of Assignee	WHEREAS, INFINE	ON TECHNOLOGIES A	MERIGAS COF	RP.	
Insert Address of Assignee	of:				
	101 N. Sepulveda Bl	vd.			
	El Segundo, CA 902	245			
	is desirous of acquiri	, legal representatives a ng the entire right, title a t may be granted therefo	and interest in a	nd to said inven	tion and in and to any
Check Box If Appropriate	⊠ in any foreign c	ountries.			
	acknowledged, the considerations does to the said inventi	E, for good and valua undersigned has (hav (do) sell, assign and tra on in the United Stat e entire right, title and in	e) sold, assign ansfer unto said tes of America	ned and transf I Assignee the f a, its territories	erred, and by these ull and exclusive right , dependencies and

Page 1 of 3

term or terms for which the same may be granted.

may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions of all of the above for the full

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof or any other proceedings before the United States Patent and Trademark Office and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith,

The undersigned hereby grants the Assignee's legal representatives the power to insert, before or atter this document has been executed by the undersigned, any information to identify the instant patent application which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

in witness whereof, executed by the undersigned on the date opposite the undersigned name.

Benjamin L. SCHWABE	
Bar Ol	
Inventor's Signature	
Christian RAINER	
Inventor's Signature	
	Inventor's Signature  Christian RAINER

Docket Number: 2018P52009 US	
Full Name of Inventor:	Darryl GALIPEAU
Date	Inventor's Signature

# DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

United States Patent Rights, on United States Plus all Foreign Patent Rights

Tale of invention

ADAPTIVE CONTROL OF A SWITCHED VOLTAGE CONVERTER

	As a below nam	ed inventor (he	reinafter desig	nated as th	e undersign	ed), I hereb	y declare that:
Application not Attached				n is not attached rth above and/or			
Enter Applin, No	United States Ap	oplication Numb	per or PCT Inte	rnational A	ppin. No.		16/228,444
Enter Film Date	sfiled on	De	oember 20, 20	18			
	The above-ident	ified application	n was made or	authorized	to be made	by me.	
	I believe that I sapplication.	am the original	inventor or an	original joi	nt inventor	of a claimed	I invention in the
	I have reviewed claims.	and understa	nd the content	ts of the at	oove-identifi	ed applicati	on, including the
	I acknowledge to Title 37, Code of			ion which i	s material t	o patentabil	ity as defined in
	WHEREAS, the	undersigned h	as invented ce	rtain at leas	st one claim	in the applic	ation identified.
Insert Name of Assignee	WHEREAS, INF	INEON TECHN	IOLOGIES AV	IERICAS C	ORP.		
Insert Address of Assignee	of:						
•	101 N. Sepulved	ia Blyd.					
	El Segundo, CA	90245					
		quiring the enti	re right, title ar	nd interest i	n and to sai	d invention a	as the Assignee) and in and to any ad
Check Box if Appropriate	⊠ in any forei	gn countries.					
*** ·*	acknowledged,	the undersign	ed has (have	) sold, ass	signed and	transferred	which is hereby i, and by these

NOW. THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these considerations does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions of all of the above for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof or any other proceedings before the United States Patent and Trademark Office and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the Assignee's legal representatives the power to insert, before or after this document has been executed by the undersigned, any information to identify the instant patent application which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

in witness whereof, executed by the undersigned on the date opposite the undersigned name.

Full Name of Inventor:	Benjamin L. SCHWABE		
Date	Inventor's Signature		
Full Name of Inventor:	Christian RAINER		
Date	Inventor's Signature		

Full Name of Inventor:

Danyl GALIPEAU

Mata

Inventor's Signature

## DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of Invention

ADAPTIVE CONTROL OF A SWITCHED VOLTAGE CONVERTER

	As a below named invent	or (hereinafter designate	ed as the undersigned	d), I hereby declare that:
Application not Attached	THIS GOSIGIZATION TO GITCOL			application is not attached as set forth above and/or
Enter Applin, N	United States Application	Number or PCT Interna	tional Appln. No.	16/228,444
Enter Fille Date	ofiled on	December 20, 2018	.)	
	The above-identified appl	ication was made or aut	horized to be made b	y me.
	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
	I have reviewed and uncolaims.	lerstand the contents o	f the above-identified	I application, including the
	Lacknowledge the duty Title 37, Code of Federal		which is material to	patentability as defined in
	WHEREAS, the undersign	ned has invented certain	at least one claim in	the application identified.
insert Name of Assignee	WHEREAS, INFINEON T	ECHNOLOGIES AMER	ICAS CORP.	
Insert Address of Assignee	of:			
	101 N. Sepulveda Blvd.		•	
	El Segundo, CA 90245			

Check Box if Appropriate

in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these considerations does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions of all of the above for the full term or terms for which the same may be granted.

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any

Letters Patent(s) that may be granted therefor in the United States of America and

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof or any other proceedings before the United States Patent and Trademark Office and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Full Name of Inventor:	Benjamín L. SCHWABE
Dafe	Inventor's Signature
Full Name of Inventor:	Christian RAINER
0202, 2019 Date	Inventor's Signature

	Docket Number: 2018P52009 US	
Full Name of Inventor:	Darryl GALIPEAU	
Date	Inventor's Signature	

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