505681302 09/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5728110

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
MORIZ JELINEK			06/06/2019	
MICHAEL KOKOT			06/06/2019	
CHRISTIAN KRUEGER			06/06/2019	
HANS-JOACHIM SCHU	LZE		09/06/2019	
WERNER SCHUSTERE	DER		06/06/2019	
RECEIVING PARTY DA	ТА			
Name:		INFINEON TECHNOLOGIES AG		
Street Address:	AM CAMPEON 1-15			
City:	NEUB	BERG		
State/Country:	GERMANY			
Postal Code:	85579			
PROPERTY NUMBERS	Total: 1	I		
Property Type		Number		
Application Number:		16432211		
CORRESPONDENCE D Fax Number:	AIA			
Correspondence will b		o the e-mail address first; if that is uns		
using a fax number, if provided; if the Phone: 919-94		919-948-3390	l via US imali.	
Email:		official@mbhiplaw.com		
Correspondent Name:		MURPHY, BILAK & HOMILLER/INFINEON TECHNO		
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	JMBER:			
Address Line 4:	JMBER:		3	
Address Line 4: ATTORNEY DOCKET NU	JMBER:	1012-2443 / 2018P50755 US	3	
Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:	JMBER:	1012-2443 / 2018P50755 US MARK R. BILAK, REG. NO. 47,42	3	

Total Attachments: 12 source=1012-2421 Declaration and Assignment#page1.tif source=1012-2421 Declaration and Assignment#page2.tif source=1012-2421 Declaration and Assignment#page3.tif source=1012-2421 Declaration and Assignment#page4.tif source=1012-2421 Declaration and Assignment#page5.tif source=1012-2421 Declaration and Assignment#page6.tif source=1012-2421 Declaration and Assignment#page7.tif source=1012-2421 Declaration and Assignment#page8.tif source=1012-2421 Declaration and Assignment#page9.tif source=1012-2421 Declaration and Assignment#page10.tif source=1012-2421 Declaration and Assignment#page10.tif source=1012-2421 Declaration and Assignment#page11.tif

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

Semiconductor Device and Manufacturing Method

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

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:

United States Application Number or PCT International Appln. No. 16/406,773

filed on May 8, 2019.

The above-identified application was 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 have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain at least one claim in the application identified.

WHEREAS, Infineon Technologies AG

of Am Campeon 1-15, 85579 Neubiberg, Germany

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

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 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.

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.

PATENT REEL: 050435 FRAME: 0850

Page 1 of 3

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:	Ingo Muri
<u>05.09.2048</u> Date	Anventor Signature
Full Name of Inventor:	Johannes Konrad Baumgarti
Date	Inventor Signature
Full Name of Inventor:	Oliver Hellmund
Date	Inventor Signature
Full Name of Inventor:	Jacob Tillmann Ludwig

Inventor Signature

Iris Moder

Date

Full Name of Inventor.

Date

Inventor Signature

Page 2 of 3

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Full Name of Inventor:	Thomas Christian Neidhart
Date	Inventor Signature
Full Name of Inventor:	Gerhard Schmidt
Date	Inventor Signature
Full Name of Inventor:	Hans-Joachim Schulze
Date	Inventor Signature

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Full Name of Inventor.

Ingo Muri

Date

Inventor Signature

Full Name of Inventor:

 $\mathcal{D}\overline{\mathcal{S}}$.

Date

Johannes Konrad Baumgartl

Full Name of Inventor:

Date

Full Name of Inventor:

Full Name of Inventor.

<u>- (), 05, 20メキ</u> Date

Date

Inventor Signature

Oliver Hellmund

Jacob Tillmann Ludwig

Inventor Signature

Iris Moder

Inventor Signature

Page 2 of 3

Full Name of Inventor:

Thomas Christian Neidhart

Date

Full Name of Inventor:

Gelond Schmidt

Date

Full Name of Inventor:

X.

Inventor Signature

Gerhard Schmidt

Hans-Joachim Schulze

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Full Name of Inventor:

Ingo Muri

Date

Full Name of Inventor:

Date

Full Name of Inventor: \underline{May} , $\underline{3}$, 20.49Date

Full Name of Inventor:

Date

Full Name of Inventor:

Date

Inventor Signature

Johannes Konrad Baumgartl

Inventor Signature

Oliver Hellmund

Inventor Signature

Jacob Tillmann Ludwig

Inventor Signature

Iris Moder

Inventor Signature

Page 2 of 3

Full Name of Inventor:

\$,5.2018 Date

Full Name of Inventor:

Date

Thomas Christian Neidhart Inventor Signature

Gerhard Schmidt

Inventor Signature

Full Name of Inventor: 09.05.2019

Date

Hans-Joachim Schulze Alula 'and " Va.

Inventor Signature

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PATENT REEL: 050435 FRAME: 0859

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Full Name of Inventor:

Ingo Muri

Date

Full Name of Inventor;

Date

Full Name of Inventor:

Date

Full Name of Inventor:

1049/05-10

Date

Full Name of Inventor:

Date

Inventor Signature

Johannes Konrad Baumgarti

Inventor Signature

Oliver Hellmund

Inventor Signature

Jacob Tillmann Ludwig Inventor Signature

Iris Moder

Inventor Signature

PATENT REEL: 050435 FRAME: 0860

Page 2 of 3

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Date	Inventor Signature
Full Name of Inventor:	Gerhard Schmidt
Date	Inventor Signature
Full Name of Inventor:	Hans-Joachim Schulze
Date	Inventor Signature

Page 3 of 3