504150452 12/22/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RALF OTREMBA	10/28/2016
TECK SIM LEE	11/07/2016
AMIRUL AFIQ HUD	11/07/2016
EDWARD FUERGUT	11/02/2016
FELIX GRAWERT	11/02/2016
UWE KIRCHNER	11/07/2016
BERND SCHMOELZER	10/28/2016
FRANZ STUECKLER	10/28/2016
HWEE YIN LOW	11/01/2016
FABIAN SCHNOY	11/03/2016
GUENTHER LOHMANN	11/04/2016

RECEIVING PARTY DATA

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City:	VILLACH
State/Country:	AUSTRIA
Postal Code:	9500

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15376756

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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PATENT REEL: 040741 FRAME: 0081

504150452

ATTORNEY DOCKET NUMBER:	P65363US
NAME OF SUBMITTER:	KARL J. KOLBINGER
SIGNATURE:	/Karl J. Kolbinger, Reg.# 41124/
DATE SIGNED:	12/22/2016
Total Attachments: 7	
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> PATENT REEL: 040741 FRAME: 0082

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

Title of Invention 🔝

SEMICONDUCTOR DEVICES WITH IMPROVED THERMAL AND ELECTRICAL PERFORMANCE

As a below named inventor (hereinafter designated as the undersigned). I hereby 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 Appin No. - - -

United States Application Number or PCT International Applin, No. 1

15131(756

Enter Filing Date: 10

filed on

Tecershor 13,701(

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.

Insert Name of Assignee WHEREAS.

Infineon Technologies Austria AG

Insert Address of Assignee

of

Siemensstrasse 2 9500 Villach Austria

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

Check Box if Appropriate :25

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.

Page 1 of 3

PATENT REEL: 040741 FRAME: 0083

Date QUING Inventor's Signature
Full name of Inventor
Date <u>우. 44. 2선</u> Ginventor's Signature / 세계 설명
Full name of Inventor <u>Bernd SCHMOELZER</u>
Date 28.40.3016 Inventor's Signature 4/20/20/20/20/20/20/20/20/20/20/20/20/20/
Full name of Inventor Franz STUECKLER
Date 27.70.76 Inventor's Signature
Full name of Inventor Hwee Yin LOW
Date Inventor's Signature
Full name of Inventor Fabian SCHNOY
DateInveritor's Signature
Full name of Inventor Guenther LOHMANN
Date 9.42.516 Inventor's Signature

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 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	Rail OTREMBA
Date	
Full name of Inventor	Teck Sim LEE
Date <u>Chilippil</u>	Inventor's Signature
Full name of Inventor	Amirul Afiq HUD
Date 07/11/2016	Inventor's Signature
Full name of Inventor	Edward FUERGUT
Date	Inventor's Signature
Full name of Inventor	Felix GRAWERT

Date	Inventor's Signature
Full name of Inventor	Uwe KIRCHNER
Date	inventor's Signature
Full name of Inventor	Bernd SCHMOELZER
Date	Inventor's Signature
Full name of Inventor	Franz STUECKLER
Date	Inventor's Signature
Full name of Inventor	Hwee Yin LOW
Date 11 Klls	Inventor's Signature\\(\frac{1}{2}\text{\$\exititt{\$\text{\$\e
Full name of inventor	Fabian SCHNOY
Date	Inventor's Signature
Full name of Inventor	Guenther LOHMANN
Date	Inventor's Signature

Date	Inventor's Signature
Full name of Inventor	Uwe KIRCHNER
Date	Inventor's Signature
Full name of Inventor	Bernd SCHMOELZER
Date	Inventor's Signature
Full name of Inventor	Franz STUECKLER
Date	Inventor's Signature
Full name of inventor	Hwee Yin LOW
Date	Inventor's Signature
Full name of Inventor	Fabian SCHNOY
Date <u>3 /1/ //</u>	Inventor's Signature
Full name of Inventor	Guenther LOHMANN
Date	Inventor's Signature

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 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.

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

Full name of Inventor	Ralf OTREMBA	
Date	Inventor's Signature	
Full name of Inventor	Teck Sim LEE	
Date	Inventor's Signature	
Full name of Inventor	Amirul Afiq HUD	
Date	Inventor's Signature	
	Edward FUERGUT	2
Date <u>2014/1/22</u>	Inventor's Signature <u> </u>	
Full name of Inventor	Felix GRAWERT	

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	Raif OTREMBA
Date <u>18.10.2016</u>	Inventor's Signature
	Teck Sim LEE
Date	Inventor's Signature
Full name of Inventor	Amirul Afiq HUD
Date	Inventor's Signature
Full name of Inventor	Edward FUERGUT
Date	Inventor's Signature
Full name of Inventor	Felix GRAWERT

RECORDED: 12/22/2016

Page 2 of 3 **PATENT** REEL: 040741 FRAME: 0089