## 503079527 12/01/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3126131

			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DA	ATA				
			Name		Execution Date
MARKUS ECKINGER					10/17/2014
STEFAN KOLB					11/04/2014
ALFONS DEHE					11/18/2014
GUENTHER RUHL					10/17/2014
RECEIVING PARTY DA	ТА				
Name:	INFINE	ON T	ECHNOLOGIES AG		
Street Address:	AM CA	MPEC	DN 1-12		
City:	NEUBI	BERG	i		
State/Country:	GERM	ANY			
Postal Code:	85579				
PROPERTY NUMBERS Property Type			Number		
Application Number:		14514	4415		
• • • • • • • • • • • • • • • • • • • •					
CORRESPONDENCE D	ΑΤΑ			_	
		(617)8	849-5451		
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	e sent to	o the e	e-mail address first; if that is ur		
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	e sent to provideo	o the e d; if th	e-mail address first; if that is un pat is unsuccessful, it will be se		
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	e sent to provideo	o the e d; if th 617-2	e-mail address first; if that is ur		
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone:	e sent to provideo	o <i>the e</i> d; if th 617-2 patint	<b>e-mail address first; if that is un at is unsuccessful, it will be se</b> 75-2642	nt via US N	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	e sent to provideo	o the e d; if th 617-2 patint VIER 3770	e-mail address first; if that is un pat is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE.	nt via US N	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provideo	o the e d; if th 617-2 patint VIER 3770 SUITE	e-mail address first; if that is un nat is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE. E 203	<i>nt via US N</i> ? - INF	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	e sent to provideo	o the e d; if th 617-2 patint VIER 3770 SUITE	e-mail address first; if that is un pat is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE.	<i>nt via US N</i> ? - INF	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provideo	o the e d; if th 617-2 patint VIERI 3770 SUITE MANE	<i>e-mail address first; if that is unat is unsuccessful, it will be se</i> 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE. E 203 HATTAN BEACH, CALIFORNIA S	<i>nt via US N</i> ? - INF	
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	o the e d; if th 617-2 patint VIERI 3770 SUITE MANE	e-mail address first; if that is un pat is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE. E 203 HATTAN BEACH, CALIFORNIA S	<i>nt via US N</i> ? - INF	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provideo	o the e d; if th 617-2 patint VIERI 3770 SUITE MANE	<i>e-mail address first; if that is unat is unsuccessful, it will be se</i> 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE. E 203 HATTAN BEACH, CALIFORNIA S	<i>nt via US N</i> ? - INF 90266	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	e sent to provideo	o the e d; if th 617-2 patint VIERI 3770 SUITE MANE	e-mail address first; if that is un at is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNER HIGHLAND AVE. E 203 HATTAN BEACH, CALIFORNIA S P57737US ROBERT M BILOTTA JR	<i>nt via US N</i> ? - INF 90266	
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE:	e sent to provideo	o the e d; if th 617-2 patint VIERI 3770 SUITE MANE	e-mail address first; if that is un at is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNER HIGHLAND AVE. E 203 HATTAN BEACH, CALIFORNIA S P57737US ROBERT M BILOTTA JR /Robert M Bilotta Jr, Reg.# 6749	nt via US N 3 - INF 90266 5/	ail.
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE:	e sent to provideo	o the e d; if th 617-2 patint VIERI 3770 SUITE MANE	e-mail address first; if that is un at is unsuccessful, it will be se 75-2642 @vjp.de ING, JENTSCHURA & PARTNEF HIGHLAND AVE. E 203 HATTAN BEACH, CALIFORNIA S P57737US ROBERT M BILOTTA JR /Robert M Bilotta Jr, Reg.# 6749 12/01/2014	nt via US N 3 - INF 90266 5/	ail.

503079527

## PATENT REEL: 034282 FRAME: 0563

source=57737US_Decl_Assign#page2.tif
source=57737US_Decl_Assign#page3.tif
source=57737US_Decl_Assign#page4.tif
source=57737US_Decl_Assign#page5.tif
source=57737US_Decl_Assign#page6.tif

		DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS
		UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
Title of Invention	ಭ	HALL EFFECT SENSOR WITH GRAPHENE DETECTION LAYER
		As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:
Application not Attached	ಭ	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.	Ŷ	United States Application Number or PCT International Appln. No. 14/514,415
Enter Filing Date	\$	filed on October 15, 2014
		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 AG
insert Address of Assignee	¢	of Am Campeon 1-12 85579 Neubiberg
		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	¢	🔀 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

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.

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	Markus Eckinger
Date <u>10 - 17 - 20 14</u>	Inventor's Signature M. Ehing
Full name of Inventor	Stefan Kolb
Date	Inventor's Signature
Full name of Inventor	Alfons Dehe
Date	Inventor's Signature
	Guenther Ruhl

		DECLARATION AND ASSIGNMENT		
		FOR PATENT AND DESIGN APPLICATIONS		
		UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS		
Title of Invention	¢	HALL EFFECT SENSOR WITH GRAPHENE DETECTION LAYER		
		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 Appln. No. 14/514,415		
Enter Filing Date	Ŷ	filed on October 15, 2014		
		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 AG		
Insert Address of Assignee	¢	of Am Campeon 1-12 85579 Neubiberg		
		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	⇔	🖂 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 tetters 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.

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.

Markus Eckinger
Inventor's Signature
Stefan Kolb
Inventor's Signature
Alfons Dehe
Inventor's Signature
Guenther Ruhl
Inventor's Signature

		DECLARATION AND ASSIGNMENT
		FOR PATENT AND DESIGN APPLICATIONS
		UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
Tille of Invention	4	HALL EFFECT SENSOR WITH GRAPHENE DETECTION LAYER
		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 Appln. No.	4	United States Application Number or PCT International Appln. No. 14/514,415
Enter Filing Date	ట	filed on October 15, 2014
		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.
		l 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 AG
Insert Address	⇔	of
of Assignee		Am Campeon 1-12 85579 Neubiberg
		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	c\$	🔀 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 2

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.

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	Markus Eckinger
Date	Inventor's Signature
Full name of Inventor	Stefan Kolb
Date	Inventor's Signature
	Alfons Dehe
Date <u>18.11.14</u>	Inventor's Signature
Full name of Inventor	Guenther Ruhl
Date	Inventor's Signature

## PATENT REEL: 034282 FRAME: 0570

**RECORDED: 12/01/2014**