PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
		Name	Execution Date			
Guowei ZHANG			08/29/2013			
Purakh Raj VERMA			08/29/2013			
Cho KHON			08/29/2013			
RECEIVING PARTY D	ΑΤΑ					
Name:	GLOBALFOUND	GLOBALFOUNDRIES Singapore Pte. Ltd.				
Street Address:		idustrial Park D Street 2				
City:	Singapore		l			
State/Country:	SINGAPORE					
Postal Code:	738406					
PROPERTY NUMBERS Total: 1 Property Type		Number 910077				
Application Number:	13	910077				
	I					
CORRESPONDENCE	I					
Fax Number:	DATA 656846200 pe sent via US Ma	5 il when the fax attempt is unsuccessful.	 740.00			
Fax Number: <i>Correspondence will b</i> Phone:	DATA 656846200 De sent via US Ma +65 9836 9	5 <i>il when the fax attempt is unsuccessful.</i> 908				
Fax Number: <i>Correspondence will b</i> Phone: Email:	DATA 656846200 <i>De sent via US Ma</i> +65 9836 9 oa.notificati	5 <i>il when the fax attempt is unsuccessful.</i> 908 on@horizonip.com.sg	 740.00			
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	DATA 656846200 <i>be sent via US Ma</i> +65 9836 9 oa.notificati Horizon IP	5 <i>il when the fax attempt is unsuccessful.</i> 908 on@horizonip.com.sg Pte. Ltd.	 740.00			
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Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	DATA 656846200 <i>pe sent via US Ma</i> +65 9836 9 oa.notificati Horizon IP 7500A Bea The Plaza	5 <i>il when the fax attempt is unsuccessful.</i> 908 on@horizonip.com.sg Pte. Ltd.	 740.00			
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA 656846200 <i>De sent via US Ma</i> +65 9836 9 oa.notificati Horizon IP 7500A Bea The Plaza Singapore,	5 <i>il when the fax attempt is unsuccessful.</i> 908 on@horizonip.com.sg Pte. Ltd. ch Road #04-306/308	 740.00			
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA 656846200 be sent via US Ma +65 9836 9 oa.notificati Horizon IP 7500A Bea The Plaza Singapore, NUMBER:	5 <i>il when the fax attempt is unsuccessful.</i> 908 on@horizonip.com.sg Pte. Ltd. ch Road #04-306/308 SINGAPORE 199591	 740.00			
Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA 656846200 be sent via US Ma +65 9836 9 oa.notificati Horizon IP 7500A Bea The Plaza Singapore, NUMBER:	5 <i>il when the fax attempt is unsuccessful.</i> 908 on@horizonip.com.sg Pte. Ltd. ch Road #04-306/308 SINGAPORE 199591 GFSP2012NAT43US0	 740.00			

Date:	08/29/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=Decl_Assignment#page1.tif source=Decl_Assignment#page2.tif source=Decl_Assignment#page3.tif	

Attorney's Docket No.: GFSP2012NAT43US0 GF Ref. No.: DSG053

COMBINED DECLARATION and ASSIGNMENT (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	ON-CHIP RESISTOR			
DECLARATION				
As the below	named inventor, I hereby declare that:			
This declarati				
	United States application number 13/910,077 filed on June 4, 2013			
The above-id	entified 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.			
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by conment of not more than five (5) years, or both.			
	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and ffice all information known to me to be material to patentability as defined in 37 CFR § 1.56.			
	ASSIGNMENT			
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Singapore Pte. Ltd. having a business address of 60 Woodlands Industrial Park D Street 2, Singapore 738406 its successors and assigns, absolutely and forever, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue in the United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents and Applications, for the United States and all foreign countries, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, present and future infringement, and the right to apply for, take and maintain patents on said inventions.				
If any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof shall nevertheless remain in full force and effect.				
LEGAL NAM	AE OF INVENTOR			
Inventor: Signature:	Guowei ZHANG Date: 29 Arg 2013			
	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. nal form for each additional inventor.			

Attorney's Docket No.: GFSP2012NAT43US0 GF Ref. No.: DSG053

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	United States application number 13/910,077 filed on June 4, 2013			
The above-id	entified application was made or authorized to be made by me.			
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	ed and understand the contents of the application and am aware of the duty to disclose to the US Patent and ffice all information known to me to be material to patentability as defined in 37 CFR § 1.56.			
	-			
	ASSIGNMENT			
hereby sell, a Industrial Par interest in and United States parts, division contained in s privileges rela- recover and ta	and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I assign, transfer, to GLOBALFOUNDRIES Singapore Pte. Ltd. having a business address of 60 Woodlands k D Street 2, Singapore 738406 its successors and assigns, absolutely and forever, my entire right, title and I to the invention listed above, together with the Application, any and all Patents that may issue in the and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, continuation-in- hals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions and Patents and Applications, for the United States and all foreign countries, and all the rights and ating thereto including but not limited to the priority rights arising from said Applications, the right to ake all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past, iture infringement, and the right to apply for, take and maintain patents on said inventions.			
	n of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.			
LEGAL NAN	Æ OF INVENTOR			
Inventor:	Purakh Raj VERMA Date: 29/08/13			
Signature:				
Note: An appl Use an addition	ication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. nal form for each additional inventor.			

Attorney's Docket No.: GFSP2012NAT43US0 GF Ref. No.: DSG053

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United States application number 13/910,077 filed on June 4, 2013	
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.	
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I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent	
Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.	
ASSIGNMENT	
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Singapore Pte. Ltd. having a business address of 60 Woodlans Industrial Park D Stream 2, Singapore 728406 in successful and an industrial Park D Stream 2, Singapore 728406 in successful and an industrial Park D Stream 2, Singapore 728406 in successful and address of 60 Woodlans	ls ,
Industrial Park D Street 2, Singapore 738406 its successors and assigns, absolutely and forever, my entire right, title a interest in and to the invention listed above, together with the Application, any and all Patents that may issue in the United States and for the forever.	
United States and/or any foreign countries, and any reissues, re-examinations, renewals, continuations, continuation-in parts, divisionals or extensions thereof that may be issued or granted, and all right, title and interest to the inventions continued in contribution and Applications for the United States and States	\$×
contained in said Patents and Applications, for the United States and all foreign countries, and all the rights and privileges relating thereto including but not limited to the priority rights arising from said Applications, the right to	
recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of past present and future infringement, and the right to apply for, take and maintain patents on said inventions.	s.
If any portion of this Combined Declaration or Assignment is held unenforceable, then remaining portions her	rof
shall nevertheless remain in full force and effect.	
LEGAL NAME OF INVENTOR	
Inventor: Cho KHON Date: 29 Aug 2013	
Signature:	