502825480 05/27/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2872076

SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
		ASSIGNMENT	ASSIGNMENT				
CONVEYING PART	Υ DATA						
		Name	Execution Date				
LEI YUAN			05/12/2012				
JIN CHO			05/12/2014				
JONGWOOK KYE			05/20/2014				
RECEIVING PARTY	DATA						
Name:	GLOBA	ALFOUNDRIES INC.					
Street Address:		MAPLES CORPORATE SERVICES LIMITED, PO BOX 309; UGLAND HOUSE					
City:	GRAN	GRAND CAYMAN					
State/Country:	CAYMA	CAYMAN ISLANDS					
Postal Code:	KY1-11	KY1-1104					
PROPERTY NUMBE	ERS Total: 1						
PROPERTY NUMBE Property Ty		Number					
	pe	Number 14288034					
Property Ty Application Numbe	r:						
Property Ty Application Numbe CORRESPONDENC	re r: E DATA	14288034					
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence w</i>	r: E DATA	14288034 (480)385-5061 o the e-mail address first; if that is unst					
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i>	r: E DATA ill be sent to ; if provided	14288034 (480)385-5061 o the e-mail address first; if that is unsu					
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone:	r: E DATA ill be sent to , if provided	14288034 (480)385-5061 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060					
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email:	r: E DATA ill be sent to ; if provided	14288034 (480)385-5061 b the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com	t via US Mail.				
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nan	r: E DATA ill be sent to , if provided	14288034 (480)385-5061 b the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com INGRASSIA FISHER & LORENZ, P.C. (0	t via US Mail.				
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email:	rpe r: E DATA ill be sent to r, if provideo	14288034 (480)385-5061 b the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com	t via US Mail.				
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email: Correspondent Nan Address Line 1:	r: E DATA Ill be sent to f, if provided	14288034 (480)385-5061 b the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com INGRASSIA FISHER & LORENZ, P.C. (0 7010 E. COCHISE RD.	t via US Mail.				
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	r: E DATA Ill be sent to t, if provided ne:	14288034 (480)385-5061 b the e-mail address first; if that is unse d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com INGRASSIA FISHER & LORENZ, P.C. (0 7010 E. COCHISE RD. SCOTTSDALE, ARIZONA 85253	t via US Mail.				
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	r: E DATA Ill be sent to t, if provided ne:	14288034 (480)385-5061 b the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com INGRASSIA FISHER & LORENZ, P.C. (0 7010 E. COCHISE RD. SCOTTSDALE, ARIZONA 85253 089.0191D! (CU082D1)	t via US Mail.				
Property Ty Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> <i>using a fax number</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 4:	r: E DATA Ill be sent to t, if provided ne:	14288034 (480)385-5061 b the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 480-385-5060 docketing@ifllaw.com INGRASSIA FISHER & LORENZ, P.C. (0 7010 E. COCHISE RD. SCOTTSDALE, ARIZONA 85253 089.0191D! (CU082D1) JAMES P. DELANEY	t via US Mail.				

source=20140527_Assignment#page2.tif

PATENT REEL: 032969 FRAME: 0192

GF Ref. No.: CU082

COMBINED	DECLARATION	and	ASSIGNMENT	(37	CFR	1.63)	FOR	UTILITY	OR	DESIGN
APPLICATIC	ON USING AN APP	LICA	TION DATA SH	EET	(37 CF	R 1.76)			
		·····								

Title of Invention	SEMICONDUCTOR DEVICES HAVING DIELECTRIC CAPS ON CONTACTS AND RELATED FABRICATION METHODS			
	DECLARATION			
As the below	named inventor, I hereby declare that:			
This declarati is directed to:				
	United States application or PCT international application number filed on			
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 hereby acknowledge 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.				
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and 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 Inc. having a business address of PO Box 309, Ugland House, Grand Cayman KY1-1104 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 NAN	IE OF INVENTOR			
Inventor:	Lei Yuan p Date: $\frac{5/12/14}{4}$			
Signature:	<u> </u>			
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.				

PATENT REEL: 032969 FRAME: 0193

GF Ref. No.: CU082

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	SEMICONDUCTOR DEVICES HAVING DIELECTRIC CAPS ON CONTACTS AND RELATED FABRICATION METHODS				
	DECLARATION				
As the below	named inventor, I hereby declare that:				
This declarati is directed to:					
	United States application or PCT international application number filed on				
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 hereby acknowledge 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.					
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CPR § 1.56.					
000000000000000000000000000000000000000	ASSIGNMENT				
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, Grand Cayman KY1-1104 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 maintein 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	IE OF INVENTOR				
Inventor:	Jin Cho Date : $\frac{57/12/20134}{2}$				
Signature:	/M				
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional form for each additional inventor.					

PATENT REEL: 032969 FRAME: 0194

GF Ref. No.: CU082

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	SEMICONDUCTOR DEVICES HAVING DIELECTRIC CAPS ON CONTACTS AND RELATED FABRICATION METHODS			
	DECLARATION			
As the below r	named inventor, I hereby declare that:			
This declaration is directed to:	on The attached application, or			
	United States application or PCT international application number filed on			
The above-ide	ntified 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 hereby acknowledge 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.				
I have reviewed and understand the contents of the application and am aware of the duty to disclose to the US Patent and 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 Inc. having a business address of PO Box 309, Ugland House, Grand Cayman KY1-1104 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 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.				
	of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof dess remain in full force and effect.			
LEGAL NAM	E OF INVENTOR			
Inventor:	Jongwook Kye Date : 5/20/4			
Signature:	<u>-7172</u>			
	ration data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor.			

8462.5460v i

PATENT REEL: 032969 FRAME: 0195

RECORDED: 05/27/2014