PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2815834

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BONGKI LEE	02/24/2014
PAUL BESSER	02/17/2014
KEVIN KASHEFI	02/11/2014
OLOV KARLSSON	02/28/2014
ASHISH BODKE	02/19/2014
RATSAMEE LIMDULPAIBOON	02/18/2014
DIVYA PISHAROTY	02/19/2014
NOBI FUCHIGAMI	02/19/2014

RECEIVING PARTY DATA

Name:	GLOBALFOUNDRIES, INC.
Street Address:	MAPLES CORPORATE SERVICES LIMITED, PO BOX 309; UGLAND HOUSE
City:	GRAND CAYMAN
State/Country:	CAYMAN ISLANDS
Postal Code:	KY1-1104
Name:	INTERMOLECULAR, INC.
Street Address:	3011 NORTH FIRST STREET
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14253906	

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 480-385-5060

Email: docketing@ifllaw.com

Correspondent Name: INGRASSIA FISHER & LORENZ, P.C. (GF)

PATENT
REEL: 032682 FRAME: 0248

502769239

Address Line 1:	7010 E. COCHISE RD.	
Address Line 4:	SCOTTSDALE, ARIZONA 85253	
ATTORNEY DOCKET NUMBER:	089.0371 (EU333)	
NAME OF SUBMITTER:	DANIEL P. DAILEY	
SIGNATURE:	/Daniel P. Dailey/	
DATE SIGNED:	04/16/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8	•	
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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	INTEGRATED CIRCUITS AND METHODS FOR FABRICATING INTEGRATED CIRCUITS INCLUDING FLUORINE INCORPORATION		
		DECLARATION	
As the below	named inv	ntor, I hereby declare that:	
This declaration is directed to:	3n 🛭	The attached application, or	
		United States application or PCT international application number filed on	
The above-ide	ntified app	lication was made or authorized to be made by me.	
Thelieve that I	am the ori	ginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby ackno fine or imprise	wledge the mment of r	t any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ot more than five (5) years, or both.	
I have reviewe Trademark Of	d and unde fice all infe	rstand the contents of the application and am aware of the duty to disclose to the US Patent and rmation known to me to be material to patentability as defined in 37 CFR § 1.56.	
		ASSIGNMENT	
hereby sell, ass Grand Caymar the invention I any foreign co- extensions ther and Applicatio including but r proceedings as	sign, transf KY1-110 isted above untries, and reof that m ns, for the lot limited may be ne	e consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I ar, to GLOBALFOUNDRIES Inc. having a business address of PO Box 309, Ugland House, I its successors and assigns, absolutely and forever, my entire right, title and interest in and to to together with the Application, any and all Patents that may issue in the United States and/or any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or to be issued or granted, and all right, title and interest to the inventions contained in said Patents United States and all foreign countries, and all the rights and privileges relating thereto the priority rights arising from said Applications, the right to recover and take all such research for the recovery of damages or otherwise in respect of past, present and future to apply for, take and maintain patents on said inventions.	
If any portion shall neverthe	of this Co less remai	mbined Declaration or Assignment is held unenforceable, then remaining portions bereaf a in full force and effect.	
LEGAL NAM	E OF INVI	*	
Inventor	Bongki Le	Date: <u>02/24/14</u>	
Signature:	***************************************		
Note: An applic Use an additions	ation data sl l form for e	tet (PTO/SB/)4 or equivalent), including naming the entire inventive entity, must accompany this form, ch additional inventor.	

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is anxere a	United States application or PCT international application numberfiled on
The above-i	dentified application was made or authorized to be made by me.
I believe the	nt lam the original inventor or an original joint inventor of a claumed invention in the application.
I hereby actioned fine or impo	thowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by isonment of not more than five (5) years, or both.
l have revie Trademark	rived and understand the contents of the application and am aware of the duty to disclose to the US Patent and Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.
***************************************	ASSIGNMENT
hereby sell Grand Cay the inventi- any foreign extensions and Applic including h	od and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged. It assign, transfer to GLOBALFOUNDRIES line, having a business address of PO Box 309. Ugland House, man KY1-1104 its successors and assigns, absolutely and forever, my entire right, title and interest in and to on listed above, together with the Application, any and all Patents that may issue in the United States and or a countries, and any reissues, re-examinations, renewals, continuations, continuation-in-parts, divisionals or thereof that may be issued or granted, and all right, title and interest to the inventions contained in said Patents eations, for the United States and all foreign countries, and all the rights and privileges relating thereto out not limited to the priority rights arising from said Applications, the right to recover and take all such as as may be necessary for the recovery of damages or otherwise in respect of past, present and future and the right to apply for, take and maintain patents on said inventions.
If any nor	tion of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof rtheless remain in full force and effect.
LEGAL ?	NAME OF INVENTOR
Invent	
Signat	me fail Besser
Note: An Use an ad	application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. ditional form for each additional inventor.

With the contract of

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acknowledge North First S title and inte may issue in continuation right, title an all foreign co rights arising for the recov	d and valuable consideration, the receipt, sufficiency and adequacy of which are hereby ed, I hereby sell, assign, transfer, to Intermolecular , Inc. , having a business address of 3011 Street, San Jose, CA 95134 its successors and assigns, absolutely and forever, my entire right, rest in and to the invention listed above, together with the Application, any and all Patents that the United States and/or any foreign countries, and any reissues, re-examinations, renewals, s, continuation-in-parts, divisionals or extensions thereof that may be issued or granted, and all ad interest to the inventions contained in said Patents and Applications, for the United States and countries, and all the rights and privileges relating thereto including but not limited to the priority of form said Applications, the right to recover and take all such proceedings as may be necessary very of damages or otherwise in respect of past, present and future infringement, and the right to ke 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 NAM	TE OF INVENTOR
Inventor:	Kevin Kashefi Date: 2/1/4
Signature:	L. Sashifi
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. In form for each additional inventor.

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	on of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof seless remain in full force and effect.
LEGAL NA	ME OF INVENTOR
Inventor:	Olov Karlsson Date: Feb 28, 2014
Signature	: Ola Karlin
	lication data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

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acknowledge North First Stitle and inte may issue in continuation right, title an all foreign co- rights arising for the recove apply for, tal	ASSIGNMENT If and valuable consideration, the receipt, sufficiency and adequacy of which are hereby and, I hereby sell, assign, transfer, to Intermolecular, Inc., having a business address of 3011 street, San Jose, CA 95134 its successors and assigns, absolutely and forever, my entire right, rest in and to the invention listed above, together with the Application, any and all Patents that the United States and/or any foreign countries, and any reissues, re-examinations, renewals, and interest to the inventions contained in said Patents and Applications, for the United States and countries, and all the rights and privileges relating thereto including but not limited to the priority of from said Applications, the right to recover and take all such proceedings as may be necessary ery of damages or otherwise in respect of past, present and future infringement, and the right to see and maintain patents on said inventions. In of this Combined Declaration or Assignment is held unenforceable, then remaining portions hereof eless remain in full force and effect.
ANDONO O CONTROLO CO CO CO CONTROLO CO	
	IE OF INVENTOR Ashish Bodke Date: 2/19/2014
Inventor:	Ashish Bodke Date: 2/1/2017
Signature:	XI OTALE
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. al form for each additional inventor.

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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	
For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, transfer, to Intermolecular, Inc. having a business address of 3011 North First Street, San Jose, CA 95134, 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.		
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LEGAL NAM	NE OF INVENTOR	
Inventor:	Ratsamee Limdulpaiboon Date: Feb 18, 2014	
Signature:	Rotsamus Limelulpaiberen	
	cation data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Ial form for each additional inventor.	

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LEGAL NA	ME OF	INVE	
Inventor:	Divy	a Pish	aroty Date: 2/19/2014-
Signature	»:	jiya	Pisharoty
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shall nevertheless remain in full force and effect.	
Inventor: Nobi Fuchigami  Date: 2/19/2014	
Inventor: Nobi Fuchigami Date: 4/17/2014	
Signature: holumiti Thurty and	
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: 032682 FRAME: 0257

RECORDED: 04/16/2014