PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Roger T. Howe	11/29/2012
Emmanuel P. Quevy	11/29/2012
Zhen Gu	11/20/2012

RECEIVING PARTY DATA

Name:	SILICON LABORATORIES INC.
Street Address:	400 W. Cesar Chavez
City:	Austin
State/Country:	TEXAS
Postal Code:	78701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13690112

CORRESPONDENCE DATA

Fax Number: 5123386301

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (512) 338-6300

Email: peggy.pepitone@ip-counsel.com

Correspondent Name: Nicole Teitler Cave

Address Line 1: ZAGORIN O'BRIEN GRAHAM LLP

Address Line 2: 7600B N. Capital of Texas Hwy, Suite 350

Address Line 4: Austin, TEXAS 78731

ATTORNEY DOCKET NUMBER:	026-0192
NAME OF SUBMITTER:	Peggy S. Pepitone

Total Attachments: 12

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PATENT REEL: 029390 FRAME: 0852 > \$40.00 1369011;

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> PATENT REEL: 029390 FRAME: 0853

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,
Roger T. Howe of Los Gatos, CA Emmanuel P. Quevy of El Cerrito, CA Zhen Gu of Cupertino, CA hereby sell, assign and transfer to
ASSIGNEE: Silicon Laboratories Inc., a Delaware corporation, having a place of business at 400 W. Cesar Chavez, Austin, Texas, 78701,
its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:
 ☑ U.S. Patent Application executed on or about the date of this Assignment, ☐ U.S. Patent Application executed on
ENTITLED: GAS-DIFFUSION BARRIERS FOR MEMS ENCAPSULATION, and naming as
INVENTOR(S): Roger T. Howe, Emmanuel P. Quevy, and Zhen Gu
including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.
To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (13/690,112, filed 30 NOV 2012) when they become known.
I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.
I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.
I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.
I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Page 1 of 4

D-12-800-01 Attorney Docket No.: 026-0192

Executed on November 29, 20 12 by		
Notary Use Below		
ACKNOWLEDGMENT		
State of <u>California</u>) County of <u>Santa Clora</u>)		
On November 29, 2312, before me, (Date)	ANNE YARBER, (Printed Name of Notary)	
personally appeared	Roger T. Howe (Printed Name of Inventor)	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.		
I certify under PENALTY OF PERJURY under that the foregoing paragraph is true and correct.	the laws of the State of California	
ANNE YARBER Commission # 198505; Notary Public - Californ - Santa Clara County My Comm. Expires Jul 14	WITNESS my hand and official seal. Signature of Notary	

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Notary	Use Below	
ACKNOWLEDGMENT		
State of) County of)		
	NOTARY	
On, before me,	(Printed Name of Notary)	
personally appeared	Emmanuel P. Quevy (Printed Name of Inventor)	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.		
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	Zhen Gu	
Notary Use I	Below	
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State of)		
State of) County of)		
	NOTARY	
On, before me,		
(Date)	(Printed Name of Notary)	
personally appeared	Zhen Gu,	
	(Printed Name of Inventor)	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.		
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ASSIGNMENT OF INVENTION
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Roger T. Howe of Los Gatos, CA Emmanuel P. Quevy of El Cerrito, CA Zhen Gu of Cupertino, CA
hereby sell, assign and transfer to
ASSIGNEE: Silicon Laboratories Inc., a Delaware corporation, having a place of business at 400 W. Cesar Chavez, Austin, Texas, 78701,
its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:
 ☑ U.S. Patent Application executed on or about the date of this Assignment, ☐ U.S. Patent Application executed on
ENTITLED: GAS-DIFFUSION BARRIERS FOR MEMS ENCAPSULATION, and naming as
INVENTOR(S): Roger T. Howe, Emmanuel P. Quevy, and Zhen Gu
including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.
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I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.
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Page 1 of 4

D-12-800-01 Attorney Docket No.: 026-0192

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	Notary Use Below	
ACKNOWLEDGMENT		
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(Date)	(Frinted Name of Notary)	
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personany appeared	(Printed Name of Inventor)	
subscribed to the within his/her authorized ca	the basis of satisfactory evidence to be the person whose name is a instrument and acknowledged to me that he/she executed the same pacity, and that by his/her signature on the instrument the person, if of which the person acted, executed the instrument.	
	ΓΥ OF PERJURY under the laws of the State of graph is true and correct.	
	WITNESS my hand and official seal.	
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	Signature of Notary	

Executed on Nov. 29th , 2012 by _	87 11	
	Emmanuel P. Quevy	
Notary Use	: Below	
ACKNOWLE	DGMENT	
State of <u>California</u> County of <u>Santa Clara</u>		
On NOV. 29-H, before me,	Anne Yarber, (Printed Name of Notary)	
personally appeared	Emmanuel P. Quevy (Printed Name of Inventor)	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person,		
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subscribed to the within instrument and acknow in his/her authorized capacity, and that by his/h or the entity upon behalf of which the person at I certify under PENALTY OF PERJURY under that the foregoing paragraph is true and correct Commission 1935052 Notary Public - California	wledged to me that he/she executed the same ser signature on the instrument the person, eted, executed the instrument. The laws of the State of California	
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ACKNOWLEDGMENT		
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On , before me,	NOTARY ,	
On, before me,	(Printed Name of Notary)	
personally appeared	Zhen Gu , (Printed Name of Inventor)	
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.		
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SEAL		
	Signature of Notary	

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U.S. Patent Application executed on or about the date of this Assignment, U.S. Patent Application executed on, or U.S. Provisional Application U.S. Application No.:, filed on International Application No.: PCT/, filed on
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INVENTOR(S): Roger T. Howe, Emmanuel P. Quevy, and Zhen Gu
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Page 1 of 4

assigns.

D-12-800-01 Attorney Docket No.: 026-0192

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Notary	Use Below
ACKNOW	VLEDGMENT
State of) County of)	
	NOTARY
On, before me,	(Printed Name of Notary)
personally appeared	Roger T. Howe (Printed Name of Inventor)
subscribed to the within instrument and ack	ory evidence to be the person whose name is knowledged to me that he/she executed the same his/her signature on the instrument the person, on acted, executed the instrument.
I certify under PENALTY OF PERJURY uthat the foregoing paragraph is true and con	rect.
	WITNESS my hand and official seal.
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	Signature of Notary

Executed on, 20 by _		
	Emmanuel P. Quevy	
Notary Us	e Below	
ACKNOWLEDGMENT		
State of)		
State of) County of)		
	NOTARY	
On, before me,		
(Date)	(Printed Name of Notary)	
personally appeared	Emmanuel P. Quevy ,	
	(Printed Name of Inventor)	
who proved to me on the basis of satisfactory esubscribed to the within instrument and acknown in his/her authorized capacity, and that by his/hor the entity upon behalf of which the person a	evidence to be the person whose name is wledged to me that he/she executed the same ner signature on the instrument the person,	
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Executed on Nov. 20, 2012 by Zhen Gu		
Notary Use Below		
ACKNOWLEDGMENT		
State of <u>Collifornia</u> County of <u>Santa Clora</u>		
On NOV. 20, 2012, before me, ANNE YARBER (Date) (Printed Name of Notary)		
personally appeared Zhen Gu (Printed Name of Inventor)		
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person,		
(Printed Name of Inventor) who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same		
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.		

Page 4 of 4

D-12-800-01

RECORDED: 12/03/2012

Attorney Docket No.: 026-0192