

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter Smith</td> <td>02/08/2012</td> </tr> <tr> <td>Jane Blake</td> <td>02/07/2012</td> </tr> <tr> <td>Leon Cavanagh</td> <td>11/10/2011</td> </tr> <tr> <td>Raymond Speer</td> <td>02/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Peter Smith	02/08/2012	Jane Blake	02/07/2012	Leon Cavanagh	11/10/2011	Raymond Speer	02/06/2012
Name	Execution Date										
Peter Smith	02/08/2012										
Jane Blake	02/07/2012										
Leon Cavanagh	11/10/2011										
Raymond Speer	02/06/2012										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13250849</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13250849						
Property Type	Number										
Application Number:	13250849										
CORRESPONDENCE DATA											
Fax Number:	(512)347-1615										
Phone:	5123471611										
Email:	mjones@oepelaw.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	O'Keefe, Egan, Peterman & Enders LLP										
Address Line 1:	1101 S. Capital of Texas Highway										
Address Line 2:	Suite C200										
Address Line 4:	Austin, TEXAS 78746										
ATTORNEY DOCKET NUMBER:	SILA:460										
NAME OF SUBMITTER:	William W. Enders										

CH \$40.00 13250849

Total Attachments: 4

source=\_0215065704\_001#page1.tif

source=\_0215065704\_001#page2.tif

source=\_0215065704\_001#page3.tif

source=\_0215065704\_001#page4.tif

### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:


SELL, ASSIGN AND TRANSFER to SILICON LABORATORIES INC. (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of 400 W. Cesar Chavez, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent filed September 30, 2011, Serial No. 13/250,849 and entitled "GAS SENSOR MATERIALS AND METHODS FOR PREPARATION THEREOF," (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature):  Date: 8/21/2012  
Peter Smith

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Jane Blake

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Leon Cavanagh

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Raymond Speer

### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to SILICON LABORATORIES INC. (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of 400 W. Cesar Chavez, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent filed September 30, 2011, Serial No. 13/250,849 and entitled "GAS SENSOR MATERIALS AND METHODS FOR PREPARATION THEREOF," (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Peter Smith

(Signature): J. Blake \_\_\_\_\_ Date: 7th February 2012  
Jane Blake

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Leon Cavanagh

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Raymond Speer

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to SILICON LABORATORIES INC. (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of 400 W. Cesar Chavez, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent filed September 30, 2011, Serial No. 13/250,849 and entitled "GAS SENSOR MATERIALS AND METHODS FOR PREPARATION THEREOF," (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Peter Smith

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Jane Blake

(Signature): Leon Cavanagh Date: 10/11/2011  
Leon Cavanagh

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Raymond Speer

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to SILICON LABORATORIES INC. (the "Assignee"), being incorporated under the laws of the State of Delaware, having a place of 400 W. Cesar Chavez, Austin, Texas 78701, the entire right, title and interest for the United States and all foreign countries in and to (1) any and all improvements which are disclosed in the application for United States Letters Patent filed September 30, 2011, Serial No. 13/250,849 and entitled "GAS SENSOR MATERIALS AND METHODS FOR PREPARATION THEREOF," (2) such application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; and (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such applications in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Peter Smith

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Jane Blake

(Signature): \_\_\_\_\_ Date: \_\_\_\_\_  
Leon Cavanagh

(Signature): Raymond Speer \_\_\_\_\_ Date: 6<sup>th</sup> Feb 2012  
Raymond Speer