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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                          |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                              |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                   |
| SATYAMOORTHI CHINNUSAMY   | 02/12/2016                              |
| KEVIN SIMPSON   | 02/26/2016                              |
| MARK C. COSTELLO  | 02/11/2016                              |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | Semtech Corporation                     |
| <b>Street Address:</b>  | 200 Flynn Road                          |
| <b>City:</b>  | Camarillo                               |
| <b>State/Country:</b>   | CALIFORNIA                              |
| <b>Postal Code:</b>   | 93012                                   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                           |
| <b>Patent Number:</b>   | 10153248                                |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  |   |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Phone:</b>   | 480 499 9400                            |
| <b>Email:</b>   | main@plgaz.com                          |
| <b>Correspondent Name:</b>  | PATENT LAW GROUP: ATKINS AND ASSOCIATES |
| <b>Address Line 1:</b>  | 123 W. CHANDLER HEIGHTS ROAD #12535     |
| <b>Address Line 4:</b>  | CHANDLER, ARIZONA 85248                 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2153.0024 CON                           |
| <b>NAME OF SUBMITTER:</b>   | LISA ROSSETTI                           |
| <b>SIGNATURE:</b>   | /Lisa Rossetti/                         |
| <b>DATE SIGNED:</b>   | 11/06/2020                              |
| <b>Total Attachments: 5</b>   |   |
| source=10153248ASSIGNMENT#page1.tif   |   |
| source=10153248ASSIGNMENT#page2.tif   |   |
| source=10153248ASSIGNMENT#page3.tif   |   |
| source=10153248ASSIGNMENT#page4.tif   |   |



ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, SATYAMOORTHY CHINNUSAMY of San Jose, CA, have sold, assigned, and transferred, or do hereby sell, assign, and transfer unto SEMTECH CORPORATION (SEMTECH), a Delaware corporation, having its principal office at 200 Flynn Road, Camarillo, California 93012, United States, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DEVICE AND METHOD OF FORMING INSULATING LAYERS AROUND SEMICONDUCTOR DIE, which is described, illustrated, and/or claimed in an application for patent under Attorney Docket No. 2153.0024, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may grant upon such application(s).

I hereby sell, assign, and transfer unto SEMTECH, the entire right, title, and interest in and to application(s) for patent filed in all countries foreign to the United States, and in and to application(s) for patent filed under any and all international conventions and treaties, and in and to any patent issuing therefrom, which describe, illustrate, and claim the above-identified invention(s). I hereby also sell, assign, and transfer unto SEMTECH, the entire right, title, and interest in and to all rights under any and all international conventions and treaties in respect of the above-identified invention(s). I authorize SEMTECH to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date under the provisions of any and all domestic laws and international conventions and treaties.

I hereby authorize and request the government authority in the United States to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to SEMTECH, for the sole use and behalf of SEMTECH, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in countries foreign to the United States to issue the patents of their respective countries to and in the name of SEMTECH in the same manner.

I agree that, when requested, I will, without charge to SEMTECH, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in SEMTECH, its successors, assigns, and legal representatives or nominees.

I covenant with SEMTECH, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from any prior assignment, grant, mortgage, license, or other encumbrance.

2/12/16  
Date Signed

  
Signature for SATYAMOORTHY CHINNUSAMY

ACKNOWLEDGMENT

\*\*\*\*\*  
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Santa Clara ) ss.

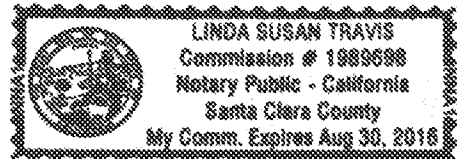
On 2/12/2016 before me, Linda Susan Travis  
Notary Public, personally appeared Sahjamoorthi Chinnusamy

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

WITNESS my hand and official seal.

Linda Susan Travis  
Signature



ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, KEVIN SIMPSON of Colorado Springs, CO, have sold, assigned, and transferred, or do hereby sell, assign, and transfer unto SEMTECH CORPORATION (SEMTECH), a Delaware corporation, having its principal office at 200 Flynn Road, Camarillo, California 93012, United States, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DEVICE AND METHOD OF FORMING INSULATING LAYERS AROUND SEMICONDUCTOR DIE, which is described, illustrated, and/or claimed in an application for patent under Attorney Docket No. 2153.0024, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may grant upon such application(s).

I hereby sell, assign, and transfer unto SEMTECH, the entire right, title, and interest in and to application(s) for patent filed in all countries foreign to the United States, and in and to application(s) for patent filed under any and all international conventions and treaties, and in and to any patent issuing therefrom, which describe, illustrate, and claim the above-identified invention(s). I hereby also sell, assign, and transfer unto SEMTECH, the entire right, title, and interest in and to all rights under any and all international conventions and treaties in respect of the above-identified invention(s). I authorize SEMTECH to apply for patent in foreign countries directly in its own name, and to claim the priority of the filing date under the provisions of any and all domestic laws and international conventions and treaties.

I hereby authorize and request the government authority in the United States to issue patent(s) upon the aforesaid application, continuation, division, reissue, reexamination, extension, renewal, or substitute, to SEMTECH, for the sole use and behalf of SEMTECH, its successors, assigns, and legal representatives, to the full end of the term for which the patent(s) may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I authorize and request the equivalent authorities in countries foreign to the United States to issue the patents of their respective countries to and in the name of SEMTECH in the same manner.

I agree that, when requested, I will, without charge to SEMTECH, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the invention(s) in any and all countries and for vesting title thereto in SEMTECH, its successors, assigns, and legal representatives or nominees.

I covenant with SEMTECH, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from any prior assignment, grant, mortgage, license, or other encumbrance.

2/26/2016  
Date Signed

K Simpson  
Signature for KEVIN SIMPSON

Colorado  
STATE OF ~~CALIFORNIA~~  
COUNTY OF El Paso

I, Jesse Race, a Notary Public in and for the County and State aforesaid, do hereby certify that KEVIN SIMPSON, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 26 day of February, 2016.

JESSE RACE  
NOTARY PUBLIC  
STATE OF COLORADO  
NOTARY ID 20114073000  
MY COMMISSION EXPIRES Nov. 15, 2019

Jesse Race  
Signature of Notary

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, MARK C. COSTELLO of Fillmore, CA, have sold, assigned, and transferred, or do hereby sell, assign, and transfer unto SEMTECH CORPORATION (SEMTECH), a Delaware corporation, having its principal office at 200 Flynn Road, Camarillo, California 93012, United States, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain invention(s) entitled SEMICONDUCTOR DEVICE AND METHOD OF FORMING INSULATING LAYERS AROUND SEMICONDUCTOR DIE, which is described, illustrated, and/or claimed in an application for patent under Attorney Docket No. 2153.0024, together with the entire right, title and interest in and to the application, and in and to any continuation, division, reissue, reexamination, extension, renewal, or substitute thereof, and in and to any patent which may grant upon such application(s).

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I covenant with SEMTECH, its successors, assigns, and legal representatives that the interest and property hereby conveyed is free from any prior assignment, grant, mortgage, license, or other encumbrance.

11 FEB 2016

Date Signed

MC Costello

Signature for MARK C. COSTELLO

ACKNOWLEDGMENT

\*\*\*\*\*  
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Ventura } ss.

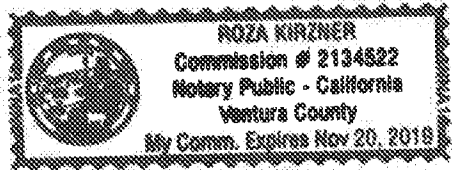
On 2/11/16 before me, ROSA KIRZNER  
Notary Public, personally appeared MARK C. COSTELLO

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in (his/her/their) authorized capacity(ies), and that by (his/her/their) signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

WITNESS my hand and official seal.

[Handwritten Signature]  
Signature



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