

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Jian Yin</td> <td>06/27/2012</td> </tr> <tr> <td>Nikhil Kelkar</td> <td>11/09/2012</td> </tr> <tr> <td>Loyde M. Carpenter Jr.</td> <td>07/02/2012</td> </tr> <tr> <td>Nattorn Pongratananukul</td> <td>06/28/2012</td> </tr> <tr> <td>Patrick J. Selby</td> <td>07/02/2012</td> </tr> <tr> <td>Steven R. Rivet</td> <td>06/27/2012</td> </tr> <tr> <td>Michael W. Althar</td> <td>07/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jian Yin	06/27/2012	Nikhil Kelkar	11/09/2012	Loyde M. Carpenter Jr.	07/02/2012	Nattorn Pongratananukul	06/28/2012	Patrick J. Selby	07/02/2012	Steven R. Rivet	06/27/2012	Michael W. Althar	07/05/2012
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<table border="1"> <tr> <td>Name:</td> <td>Intersil Americas LLC</td> </tr> <tr> <td>Street Address:</td> <td>1001 Murphy Ranch Road</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>		Name:	Intersil Americas LLC	Street Address:	1001 Murphy Ranch Road	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035						
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CORRESPONDENCE DATA																	
Fax Number:	4254551046																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	1938-050-03																
NAME OF SUBMITTER:	Paul F. Rusyn																

CH \$40.00 13536827

Total Attachments: 9

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ASSIGNMENT

WHEREAS we, Jian Yin, Nikhil Kelkar, Loyde M. Carpenter Jr., Nattorn Pongratananukul, Patrick J. Selby, Steven R. Rivet and Michael W. Althar (hereinafter "ASSIGNORS"), having mailing addresses of 1216 Lodestone Dr., San Jose, CA 95132; 12165 Saraglen Drive, Saratoga, CA 95070; 1283 Cimarron Cir. N.E., Palm Bay, FL 32905; 690 Cree Drive, San Jose, CA 95123; 730 Ballon Terrace S.E., Palm Bay, FL 32909; 2005 Rivet Lane, Malabar, FL 32950; and 794 Sedgewood Cir., Melbourne, FL 32904, respectively, are the joint inventors of the invention(s) disclosed in an application for United States letters patent entitled, CIRCUIT MODULE SUCH AS A HIGH-DENSITY-ARRAY (HDA) POWER MODULE AND METHOD OF MAKING SAME, filed June 28, 2012, and allotted United States Patent Application No. 13/536,827; (an attorney for the assignee may enter this information after this Assignment is executed); and

WHEREAS, Intersil Americas LLC. (hereinafter "ASSIGNEE"), a juristic entity of the State of Delaware, having a principle place of business at 1001 Murphy Ranch Road, Milpitas, California 95035, is desirous of acquiring the entire right, title, and interest in and to the invention(s), application(s), and/or any letters patent(s) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEES the entire right, title, and interest in and to said invention(s), said application(s), including any and all non-provisional application(s) for letters patent claiming priority thereto, and any and all letters patent(s) which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisional, reissue, continuation, continuation-in-part, and substitute application(s) thereof, including the right to file any foreign application(s) directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application(s) to which said foreign application(s) are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s) and any and all letters patent(s) granted therefor to be held and enjoyed by ASSIGNEES, their successors, and assigns as fully and entirely as same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made;

ASSIGNORS hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent(s) on said invention(s) to ASSIGNEES;

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made which would conflict with this assignment;

ASSIGNORS further transfer and assign to ASSIGNEES all causes of action, rights, and remedies arising under any such application(s) for United States and/or foreign letters patent(s) on said invention(s) prior to or after the effective date of this Assignment; and

ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for any and all application(s) for United States and/or foreign letters patent(s) on said invention(s), for litigation regarding any and all application(s) and/or letters patent(s), and/or for the purpose of protecting title to said invention(s), application(s), and/or letters patent(s) therefor.

Jian Yin
6/27/2012
DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 27 day of June, 2012, of his/her own free will for the purpose expressed therein at the following location:
Milpitas, CA

WITNESS
Name: Signature:

Nikhil Kelkar

Nikhil Kelkar

11/09/2012

DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this _____ day of _____, 2012, of his/her own free will for the purpose expressed therein at the following location:

WITNESS

Name: _____

Signature: _____

- See attached -

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

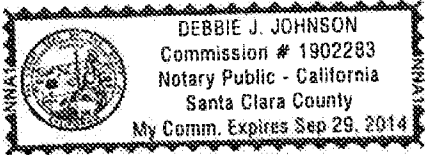
On 09-Nov-2012 before me, Debbie J. Johnson, Notary

personally appeared Nikhil Kelkar

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.



Signature: Debbie Johnson

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Patent Assignment - 61/650,308

Document Date: None Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Corporate Officer — Title(s): _____

Individual

Partner — Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer's Name: _____

Corporate Officer — Title(s): _____

Individual

Partner — Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Loyde M. Carpenter Jr. 07/02/2012
Loyde M. Carpenter Jr. DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 02 day of July, 2012, of his/her own free will for the purpose expressed therein at the following location:

Inte/Sil, Miami Bay FL.

WITNESS

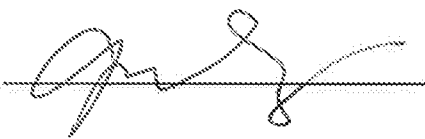
Name: SUSAN K. O'CONNELL Signature: Susan K. O'Connell

Nattom Pongratananukul 6/28/2012
Nattom Pongratananukul DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 28 day of June, 2012, of his/her own free will for the purpose expressed therein at the following location:
Intersil, Milpitas CA

WITNESS

Name: GRACE CHEUNG

Signature: 

Patrick J. Selby 7/02/2012
Patrick J. Selby DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 02 day of July, 2012, of his/her own free will for the purpose expressed therein at the following location:
Intersail, Palm Bay, FL

WITNESS

Name: SUSAN L. O'CONNELL Signature: Susan L. O'Connell

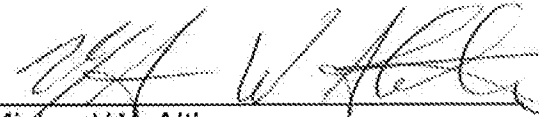
SR Rivet 27 June 2012
Steven R. Rivet DATE

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this 27 day of June, 2012, of his/her own free will for the purpose expressed therein at the following location:
Palm Bay FLORIDA.

WITNESS

Name: Phyllis Catroneo

Signature: Phyllis Catroneo


Michael W. Althar _____ DATE July 5, 2012

I hereby declare that I was personally present and did see ASSIGNOR, who is personally known to me to be the person named above, duly sign and execute this Assignment document on this _____ day of _____, 2012, of his/her own free will for the purpose expressed therein at the following location:

WITNESS

Name: Cheryl Barker

Signature: 