

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>GUSTAVO JAMES MEHAS</td> <td>11/08/2007</td> </tr> <tr> <td>SANDEEP AGARWAL</td> <td>11/08/2007</td> </tr> <tr> <td>JAYANT VIVREKAR</td> <td>11/08/2007</td> </tr> <tr> <td>XIAOLE CHEN</td> <td>11/12/2007</td> </tr> </tbody> </table>		Name	Execution Date	GUSTAVO JAMES MEHAS	11/08/2007	SANDEEP AGARWAL	11/08/2007	JAYANT VIVREKAR	11/08/2007	XIAOLE CHEN	11/12/2007
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>INTERSIL AMERICAS INC.</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 INC.	Street Address:	1001 MURPHY RANCH ROAD	City:	MILPITAS	State/Country:	CALIFORNIA	Postal Code:	95035
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PROPERTY NUMBERS Total: 1											
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Application Number:	12564466										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (972)479-0464</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 9724790462</p> <p>Email: ddearmond@dalpat.com</p> <p>Correspondent Name: BRIAN D. WALKER</p> <p>Address Line 1: P.O. BOX 741715</p> <p>Address Line 4: DALLAS, TEXAS 75374</p>											
ATTORNEY DOCKET NUMBER:	INTS-29,720										
NAME OF SUBMITTER:	BRIAN D. WALKER										
<p>Total Attachments: 5</p> <p>source=int29720 assmt 09 23 09#page1.tif</p>											

CH \$40.00 12564466

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**PATENT**  
**REEL: 023269 FRAME: 0429**

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source=int29720 assmt 09 23 09#page5.tif

ASSIGNMENT

Whereas, GUSTAVO JAMES MEHAS, an individual, residing at 545 E. McKinley Avenue, Unit B, Sunnyvale, California 94086, SANDEEP AGARWAL, an individual, residing at 40404 La Jolla Court, Fremont, California 94539, JAYANT VIVREKAR, an individual, residing at 1477 Greene Drive, San Jose, California 95129, and XIAOLE CHEN, an individual, residing at 7336 Alexis Manot Place, San Jose, California 95120, ("Applicants"), have invented certain new and useful improvements in a METHOD FOR USING DIGITAL PLL IN A VOLTAGE REGULATOR (the "Invention"), for which United States Patent Application was filed on December 6, 2007 (Serial No. 11/951,565) (the "Application"); and

Whereas, INTERSIL AMERICAS INC., a Delaware corporation, located at 1001 Murphy Ranch Road, Milpitas, California 95035 ("Assignee"), is desirous of acquiring the entire right, title, and interest in the Application.

Now, therefore, for other good and valuable consideration, Applicants, by these presents do hereby sell, assign, and transfer unto Assignee, its successors, assigns, and legal representatives the full and exclusive right to the Application in the United States and the entire right, title, and interest in and to any and all Patents which may be granted therefor and/or therefrom in the United States, to all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions of said application. Applicants hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for the Invention, or patents resulting therefrom, insofar as Applicants' interests are concerned, to Assignee, of the entire right, title, and interest in and to the same, for its sole use and benefit; and for the use and benefit of its legal representatives, to the full end of the term for which said Patent(s) may be granted, as fully and entirely as the same would have been held by the Applicants had this assignment not been made.

Applicants also sell and assigns to Assignee, its successors, assigns and legal representatives the full and exclusive right, title, and interest to the Invention disclosed in said Application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for the Invention in the Assignee's own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of the Invention and all rights to register the Invention in appropriate registries, all foreign rights arising from pre-grant publication of the Application; and Applicants further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee, its successors, assigns and legal representatives.

Applicants further agree to communicate to Assignee, its successors, assigns and/or legal representatives, any known facts respecting any improvements, and, at the expense of Assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in Assignee and to aid Assignee, its successors, assigns and legal representatives to obtain and enforce proper protection for the Invention in all countries.

Applicants further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

INTERFIL, INC.

Fax: 4084320640

Nov 26 '07 11:16 P.04

Name of First Joint Inventor: **GUSTAVO JAMES MEHAS**Residence (City, State): **Sunnyvale, California**Signature: *Gustavo Mehas*Date: *11/8/07*

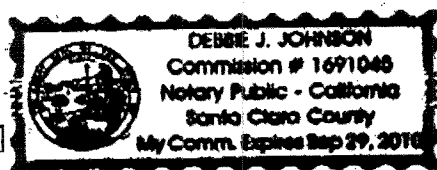
Date Application Executed:

STATE OF California §

COUNTY OF Santa Clara §

On 8-Nov-2007 before me, Debbie J. Johnson, a Notary Public, personally appeared **GUSTAVO JAMES MEHAS**, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

[SEAL]



*Debbie Johnson*  
Notary Public

Commission Expires: Sep 29, 2010

PATENT ASSIGNMENT

Atty. Dkt. No. INTS-28,362

**PATENT**  
**REEL: 023269 FRAME: 0432**

INTERSIL, INC.

Fax: 4084320640

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11:16

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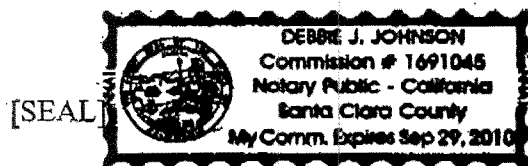
Name of Second Joint Inventor: **SANDEEP AGARWAL**Residence (City, State): **Fremont, California**Signature: *Sandeep Agarwal*Date: *11/8/07*

Date Application Executed:

STATE OF California §

COUNTY OF Santa Clara §

On 08-Nov-2007 before me, Debbie J. Johnson, a Notary Public, personally appeared **SANDEEP AGARWAL**, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



*Debbie J. Johnson*  
Notary Public

Commission Expires: Sep 29, 2010

PATENT ASSIGNMENT

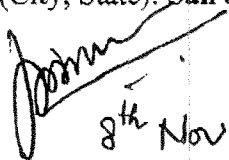
Atty. Dkt. No. INTS-28,362

**PATENT**  
**REEL: 023269 FRAME: 0433**

INTERSIL, INC.

Fax: 4084320640

Nov 26 '07 11:16 P.06

Name of Third Joint Inventor: **JAYANT VIVREKAR**Residence (City, State): **San Jose, California**Signature: Date: **8<sup>th</sup> Nov. 2007**

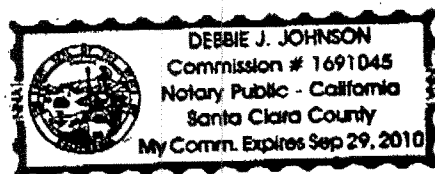
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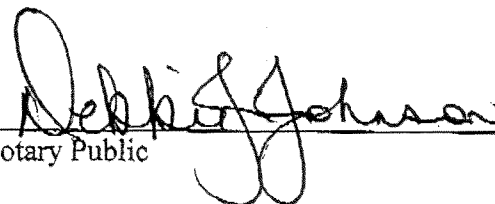
STATE OF California §

COUNTY OF Santa Clara §

On 08-Nov-2007 before me, Debbie J. Johnson, a Notary Public, personally appeared **JAYANT VIVREKAR**, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

[SEAL]



  
Notary Public

Commission Expires: Sep 29, 2010

PATENT ASSIGNMENT

Atty. Dkt. No. INTS-28,362

PATENT  
REEL: 023269 FRAME: 0434

INTERSIL, INC.

Fax: 4084320640

Nov 26 '07 11:15

P.03

Name of Fourth Joint Inventor: **XIAOLE CHEN**Residence (City, State): **San Jose, California**Signature: *Xiaole Chen*Date: *11/12/2007*

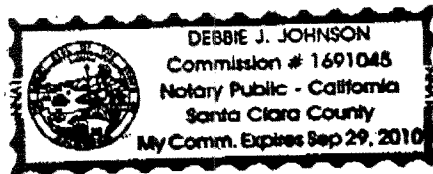
Date Application Executed:

STATE OF California §

COUNTY OF Santa Clara §

On 12-Nov-07 before me, Debbie J. Johnson, a Notary Public, personally appeared **XIAOLE CHEN**, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

[SEAL]



*Debbie J. Johnson*  
Notary Public

Commission Expires: Sep 29 2010

PATENT ASSIGNMENT

Atty. Dkt. No. INTS-28,362

PATENT

RECORDED: 09/23/2009

REEL: 023269 FRAME: 0435