

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Weihong Qiu</td> <td>03/29/2006</td> </tr> <tr> <td>Zhixiang Liang</td> <td>03/29/2006</td> </tr> <tr> <td>Robert H. Isham</td> <td>03/14/2006</td> </tr> <tr> <td>Ben A. Dowlat</td> <td>03/27/2006</td> </tr> <tr> <td>Rami Abou-Hamze</td> <td>03/27/2006</td> </tr> </tbody> </table>		Name	Execution Date	Weihong Qiu	03/29/2006	Zhixiang Liang	03/29/2006	Robert H. Isham	03/14/2006	Ben A. Dowlat	03/27/2006	Rami Abou-Hamze	03/27/2006
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Weihong Qiu	03/29/2006												
Zhixiang Liang	03/29/2006												
Robert H. Isham	03/14/2006												
Ben A. Dowlat	03/27/2006												
Rami Abou-Hamze	03/27/2006												
RECEIVING PARTY DATA													
Name:	Intersil Americas Inc.												
Street Address:	1001 Murphy Ranch Road												
City:	Milpitas												
State/Country:	CALIFORNIA												
Postal Code:	95035												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11318081</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11318081								
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Application Number:	11318081												
CORRESPONDENCE DATA													
Fax Number:	(512)233-2633												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	5122958050												
Email:	hmorgan@austin.rr.com												
Correspondent Name:	Gary R. Stanford												
Address Line 1:	330 W. Overlook Mountain												
Address Line 4:	Buda, TEXAS 78610												
ATTORNEY DOCKET NUMBER:	INSL.0125												
NAME OF SUBMITTER:	Helen Q. Morgan												

OP \$40.00 11318081

Total Attachments: 8

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INTERSIL AMERICAS INC.
Assignment

As a below named inventor or joint inventor of an invention or improvement entitled:

PWM CONTROLLER WITH DUAL-EDGE MODULATION USING DUAL RAMPS

for which I have executed an application for Letters Patent of the United States of America, filed December 23, 2005 with Application No. 11/318,081, and

WHEREAS INTERSIL AMERICAS INC., a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business at 1001 Murphy Ranch Rd in the City of Milpitas, State of California, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said INTERSIL AMERICAS INC., its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said INTERSIL AMERICAS INC., its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

And I hereby further covenant and agree that I will communicate to INTERSIL AMERICAS INC., its successors, legal representative, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said INTERSIL AMERICAS INC., its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signatures set forth below on the indicated date(s).

INVENTOR:
Citizenship:

Weihong Qiu
P.R. China

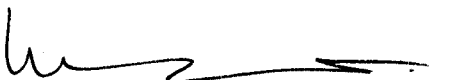
Residence:

1561 Woodmeadow Ct.
San Jose, CA 95131

Post Office Address:

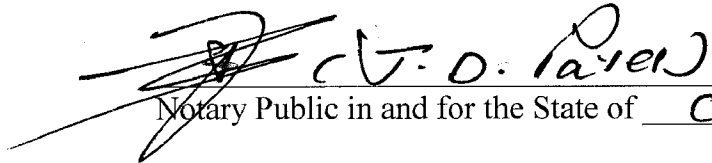
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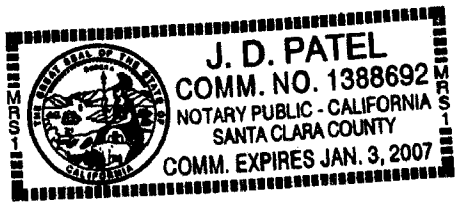
Executed this 29 day of March, 2006.


Weihong Qiu

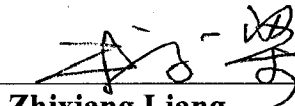
State of CA. §
County of Santa Clara. §

Before me personally appeared **Weihong Qiu** and acknowledged the foregoing instrument to be his free act and deed this 29th day of March., 2006.


Notary Public in and for the State of CA.



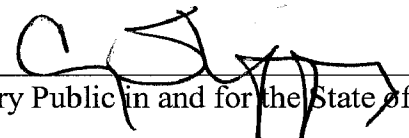
INVENTOR: **Zhixiang Liang**
 Citizenship: P.R. China
 Residence: 14012 NW Falconridge Lane
 Portland, OR 97229
 Post Office Address: Same
 Executed this 29th day of MARCH, 2006.



Zhixiang Liang

State of Oregon §
 County of Washington §
 §

Before me personally appeared **Zhixiang Liang** and acknowledged the foregoing instrument to be his free act and deed this 29th day of March, 2006.



 Notary Public in and for the State of Oregon



INVENTOR:
Citizenship:

Robert H. Isham
US

Residence:

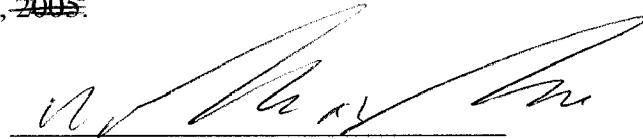
108 Capner Street
Flemington, NJ 08822

Post Office Address:

Same

Executed this 14TH day of MARCH

2006
~~2005~~



Robert H. Isham

State of NJ


§

County of HUNTERDON

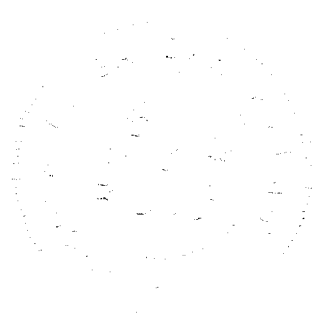
§

§

Before me personally appeared **Robert H. Isham** and acknowledged the foregoing instrument to be his free act and deed this 14TH day of MARCH, ~~2005~~ 2006


Notary Public in and for the State of NEW JERSEY

RHONDA L. SANDAR
ID # 2339318
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/19/2011



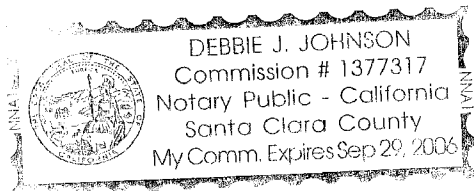
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of Santa Clara } ss.

On 27-mar-2006 before me, Debbie J. Johnson, Notary
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Ben A. Dowlat
Name(s) of Signer(s)

personally known to me
 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.



WITNESS my hand and official seal.
Debbie J. Johnson
Signature of Notary Public

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.

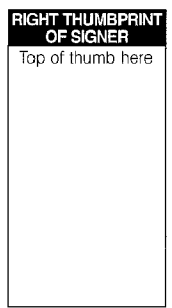
Description of Attached Document

Title or Type of Document: Patent Assignment
Document Date: 3-27-2006 Number of Pages: _____
Signer(s) Other Than Named Above: N/A

Capacity(ies) Claimed by Signer

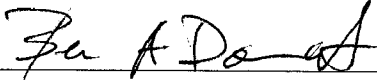
Signer's Name: Ben A. Dowlat
 Individual
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Attorney-in-Fact
 Trustee
 Guardian or Conservator
 Other: _____

Signer Is Representing: _____



INVENTOR: **Ben A. Dowlat**
 Citizenship: US
 Residence: 4109 Cranford Circle
 San Jose, CA 95124
 Post Office Address: Same

Executed this 27 day of March, ^{2006 (8-7)} 2005.



Ben A. Dowlat

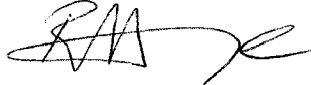
State of CA §
 §
 County of Santa Clara §

Before me personally appeared **Ben A. Dowlat** and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2005.

 Notary Public in and for the State of _____

INVENTOR: **Rami Abou-Hamze**
 Citizenship: Lebanon
 Residence: 107 Oak Rim Ct #42
 Los Gatos, CA 95032
 Post Office Address: Same

Executed this 27th day of MARCH, 2006.

Rami AbouHamze
Rami Abou-Hamze


State of CALIFORNIA §
 §
 County of SANTA CLARA §

Before me personally appeared **Rami Abou-Hamze** and acknowledged the foregoing instrument to be his free act and deed this 27th day of MARCH, 2006.

Girish H Patel
 Notary Public in and for the State of California

