

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>Morgan Tang</td> <td>06/27/2012</td> </tr> <tr> <td>Peter J. Mole</td> <td>06/28/2012</td> </tr> <tr> <td>Jayant Vivrekar</td> <td>06/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Morgan Tang	06/27/2012	Peter J. Mole	06/28/2012	Jayant Vivrekar	06/27/2012
Name	Execution Date								
Morgan Tang	06/27/2012								
Peter J. Mole	06/28/2012								
Jayant Vivrekar	06/27/2012								
RECEIVING PARTY DATA									
Name:	INTERSIL AMERICAS LLC								
Street Address:	1001 Murphy Ranch Road								
City:	Milpitas								
State/Country:	CALIFORNIA								
Postal Code:	95035								
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>13536556</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13536556				
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Application Number:	13536556								
CORRESPONDENCE DATA									
Fax Number:	(415)262-2928								
Phone:	415-362-3800								
Email:	officeactions@fdml.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:	Fliesler Meyer LLP/ Intersil Corporation								
Address Line 1:	650 California Street								
Address Line 2:	14th Floor								
Address Line 4:	San Francisco, CALIFORNIA 94108								
ATTORNEY DOCKET NUMBER:	ELAN-01281US1								
NAME OF SUBMITTER:	Jeffrey R. Kurin								
Total Attachments: 6									

CH \$40.00 13536556

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JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) Morgan Tang
a resident of Milpitas, California, United States of America;
- (2) Peter J. Mole
a resident of St. Albans, United Kingdom; and
- (3) Jayant Vivrekar
a resident of San Jose, California, United States of America;

have invented certain new and useful improvements in:

**SYSTEMS AND METHODS TO IMPROVE SPATIAL RESOLUTION
ON BACK AND FORTH SCANNING DISPLAY DEVICES**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, said application being filed herewith, and said invention claiming priority to U.S. Provisional Application No. 61/608,235, filed March 18, 2012.

WHEREAS INTERSIL AMERICAS LLC (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 1001 Murphy Ranch Road, Milpitas, California, 95035, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for

prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

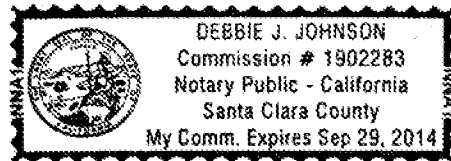
Date 6/27/2012 Morgan Tang
State of California
County of Santa Clara
On 27-June-2012 before me, Debbie J. Johnson, Notary
(name and title of officer)

personally appeared Morgan Tang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person 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



Date _____

Peter J. Mole

6/27/2012
Date

Jayant Vivrekar
Jayant Vivrekar

State of California
County of Santa Clara

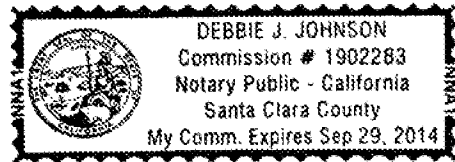
On 27-June-2012 before me, Debbie J. Johnson, Notary
(name and title of officer)

personally appeared Jayant Vivrekar, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~-authorized capacity, and that by his/~~her~~-signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

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prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

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4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

Date Morgan Tang
State of _____)
County of _____)
On _____ before me, _____
(name and title of officer)

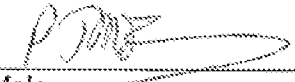
personally appeared Morgan Tang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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 _____

23rd June 2012
Date


Peter J. Mole

_____ Date

_____ Jayant Vivrekar

State of _____)

County of _____)

On _____ before me, _____

(name and title of officer)

personally appeared Jayant Vivrekar, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

Signature _____
