

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ali Motamed	07/21/2008
Subrat Mohapatra	07/21/2008
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	
Property Type	Number
Application Number:	12177736
CORRESPONDENCE DATA	
Fax Number:	(415)362-2928
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	FLIESLER MEYER LLP
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Address Line 4:	SAN FRANCISCO, CALIFORNIA 94108
ATTORNEY DOCKET NUMBER:	ELAN-01174US1
NAME OF SUBMITTER:	Jeffrey R. Kurin

CH \$40.00 12177736

Total Attachments: 3  
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## JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1)	<u>Ali Motamed</u>	
a resident of	<u>San Jose, California</u>	:
(2)	<u>Subrat Mohapatra</u>	
a resident of	<u>San Jose, California</u>	: and

have invented certain new and useful improvements in:

### BI-DIRECTIONAL BUFFER AND METHOD FOR BI-DIRECTIONAL BUFFERING THAT REDUCE GLITCHES DUE TO FEEDBACK

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, said application having been filed herewith, said invention claiming priority to U.S. Provisional Application No. 61/055,774, filed May 23, 2008 and U.S. Provisional Application No. 61/055,777, filed May 23, 2008.

WHEREAS INTERSIL AMERICAS INC. (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 Inventor (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 7/21/2008 Ali Motamed

State of California

County of Santa Clara

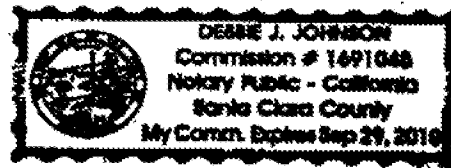
On 21-July-2008 before me, Debbie J. Johnson, Notary  
(name and title of officer)

personally appeared Ali Motamed, 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



21<sup>st</sup> July 2008  
Date

[Signature]  
Subrat Mohapatra

State of California  
County of Santa Clara

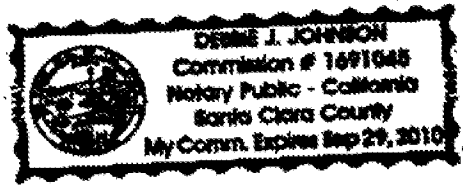
On 21-July-2008 before me, Debbie J. Johnson Notary  
(name and title of officer)

personally appeared Subrat Mohapatra, 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 [Signature]



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