

PATENT ASSIGNMENT

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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>David W. Ritter</td> <td>09/04/2009</td> </tr> <tr> <td>Robert David Zucker</td> <td>09/04/2009</td> </tr> <tr> <td>Warren Craddock</td> <td>09/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	David W. Ritter	09/04/2009	Robert David Zucker	09/04/2009	Warren Craddock	09/08/2009
Name	Execution Date								
David W. Ritter	09/04/2009								
Robert David Zucker	09/04/2009								
Warren Craddock	09/08/2009								
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13760592</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13760592				
Property Type	Number								
Application Number:	13760592								
CORRESPONDENCE DATA									
Fax Number:	4154894150								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	ELAN-01178US2								
NAME OF SUBMITTER:	Jeffrey R. Kurin								
Total Attachments: 2 source=1178us1-Assignment-Signed-parentcopy#page1.tif source=1178us1-Assignment-Signed-parentcopy#page2.tif									

CH \$40.00 13760592

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) David W. Ritter,
a resident of San Jose, California;
- (2) Robert David Zucker,
a resident of Redwood City, California; and
- (3) Warren Craddock,
a resident of Alameda, California;

have invented certain new and useful improvements in:

SYSTEMS AND METHODS FOR CABLE EQUALIZATION

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 on March 26, 2009, as U.S. Patent Application No. 12/412,280, said invention claiming priority to U.S. Provisional Application No. 61/110,917, filed November 3, 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:


9/4/09
Date


David W. Ritter

9/4/09
Date


Robert David Zucker

9/8/09
Date


Warren Craddock