

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Timothy J. Williams</td><td>03/24/2010</td></tr><tr><td>James H. Shutt</td><td>03/22/2010</td></tr><tr><td>Warren Snyder</td><td>03/24/2010</td></tr><tr><td>Dennis Seguire</td><td>03/24/2010</td></tr></tbody></table>		Name	Execution Date	Timothy J. Williams	03/24/2010	James H. Shutt	03/22/2010	Warren Snyder	03/24/2010	Dennis Seguire	03/24/2010
Name	Execution Date										
Timothy J. Williams	03/24/2010										
James H. Shutt	03/22/2010										
Warren Snyder	03/24/2010										
Dennis Seguire	03/24/2010										
RECEIVING PARTY DATA											
Name:	Cypress Semiconductor Corporation										
Street Address:	198 Champion Court										
City:	San Jose										
State/Country:	CALIFORNIA										
Postal Code:	95134-1709										
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>12748085</td></tr></tbody></table>		Property Type	Number	Application Number:	12748085						
Property Type	Number										
Application Number:	12748085										
CORRESPONDENCE DATA											
Fax Number:	(408)720-8383										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	408-720-8300										
Email:	Leslie_Rogan@bstz.com										
Correspondent Name:	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP										
Address Line 1:	1279 Oakmead Parkway										
Address Line 4:	Sunnyvale, CALIFORNIA 94085-4040										
ATTORNEY DOCKET NUMBER:	CD2009141										
NAME OF SUBMITTER:	Kevin O. Grange										
Total Attachments: 2 source=CD2009141_Assignment#page1.tif											

CH \$40.00 12748085

501132140

PATENT
REEL: 024148 FRAME: 0485

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: CD2009141

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Timothy J. Williams, James H. Shutt,
Warren Snyder, and Dennis Seguire

hereby sell, assign, and transfer to Cypress Semiconductor Corporation

a corporation of Delaware,
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 198 Champion Court,

San Jose, California 95134-1709

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

PROGRAMMABLE DIGITAL-TO-ANALOG CONVERTER

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 12/748,085 filed March 26, 2010

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

3/24, 2010
Date

Timothy J. Williams
Signature

Timothy J. Williams
Printed/Typed Name

3/22, 2010
Date

James H. Shutt
Signature

James H. Shutt
Printed/Typed Name

3/24, 2010
Date

Warren Snyder
Signature

Warren Snyder
Printed/Typed Name

3/24, 2010
Date

Dennis Seguire
Signature

Dennis Seguire
Printed/Typed Name

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300