

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>Carel J. Lombaard</td><td>03/05/2010</td></tr><tr><td>Eugene O'Sullivan</td><td>03/11/2010</td></tr><tr><td>Paul Walsh</td><td>03/11/2010</td></tr></tbody></table>		Name	Execution Date	Carel J. Lombaard	03/05/2010	Eugene O'Sullivan	03/11/2010	Paul Walsh	03/11/2010		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Cypress Semiconductor Corporation</td></tr><tr><td>Street Address:</td><td>198 Champion Court</td></tr><tr><td>City:</td><td>San Jose</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95134</td></tr></table>		Name:	Cypress Semiconductor Corporation	Street Address:	198 Champion Court	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134
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PROPERTY NUMBERS Total: 1											
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Application Number:	12641121										
CORRESPONDENCE DATA											
Fax Number: (408)545-6911											
Phone: 408-943-6878											
Email: pbj@cypress.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: Cypress Semiconductor Corporation											
Address Line 1: 198 Champion Court											
Address Line 4: San Jose, CALIFORNIA 95134											
ATTORNEY DOCKET NUMBER:	CD05030C1										
NAME OF SUBMITTER:	Andrew J. Bateman										
Total Attachments: 4 source=CD05030C1_Assignment#page1.tif source=CD05030C1_Assignment#page2.tif source=CD05030C1_Assignment#page3.tif source=CD05030C1_Assignment#page4.tif											

CH \$40.00 12641121

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PATENT
REEL: 027384 FRAME: 0166

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: CD05030C1

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Carel J. Lombaard, Eugene O'Sullivan, Paul Walsh

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 may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled A PHASE LOCK LOOP PRE-CHARGING SYSTEM AND METHOD

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 12/641,121 filed 12/17/2009

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;

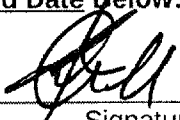
agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and 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;



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:

March 5, 2010
Date


Signature

Carel J. Lombaard
Printed/Typed Name

_____, 20____
Date

Signature

Eugene O'Sullivan
Printed/Typed Name

_____, 20____
Date

Signature

Paul Walsh
Printed/Typed Name

Assignment Document Return Address:
CYPRESS SEMICONDUCTOR CORPORATION
198 Champion Court
San Jose, CA 95134
(408) 545-7194

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: CD05030C1

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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:

_____, 20____
Date

Signature

Carel J. Lombaard
Printed/Typed Name

11 March, 2010
Date

Eugene O'Sullivan
Signature

Eugene O'Sullivan
Printed/Typed Name

11 March, 2010
Date

Paul Walsh
Signature

Paul Walsh
Printed/Typed Name

Assignment Document Return Address:
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198 Champion Court
San Jose, CA 95134
(408) 545-7194