

## PATENT ASSIGNMENT

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 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>Massoud Badaye</td> <td>06/29/2012</td> </tr> <tr> <td>Jonathan R. Peterson</td> <td>06/29/2012</td> </tr> <tr> <td>David P. Funston</td> <td>06/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Massoud Badaye	06/29/2012	Jonathan R. Peterson	06/29/2012	David P. Funston	06/29/2012
Name	Execution Date								
Massoud Badaye	06/29/2012								
Jonathan R. Peterson	06/29/2012								
David P. Funston	06/29/2012								
RECEIVING PARTY DATA									
Name:	Cypress Semiconductor Corporation								
Street Address:	198 Champion Court								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95134								
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>13538122</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13538122				
Property Type	Number								
Application Number:	13538122								
CORRESPONDENCE DATA									
Fax Number:	(650)328-2799								
Phone:	9735972500								
Email:	kyuen@lowenstein.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:	LOWENSTEIN SANDLER PC								
Address Line 1:	65 Livingston Avenue								
Address Line 4:	Roseland, NEW JERSEY 07068								
ATTORNEY DOCKET NUMBER:	CD11057								
NAME OF SUBMITTER:	Kevin O. Grange								
Total Attachments: 3 source=01682-983-L983_Assignment_06-29-2012#page1.tif source=01682-983-L983_Assignment_06-29-2012#page2.tif source=01682-983-L983_Assignment_06-29-2012#page3.tif									

CH \$40.00 13538122

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: CD11057

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Massoud Badaye, Jonathan R. Peterson, and David P. Funston,

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

TOUCH ORIENTATION CALCULATION

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 13/538,122 filed June 29, 2012,


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:

6,29,2012  
Date

  
Massoud Badaye

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jonathan R. Peterson

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_  
Date

\_\_\_\_\_  
David P. Funston

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

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:**

\_\_\_\_\_

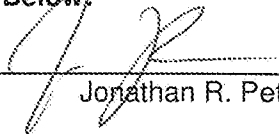
Date

\_\_\_\_\_

Massoud Badaye

**Each Inventor: Please Sign and Date Below:**

JUNE 29<sup>th</sup>, 2012  
Date

  
Jonathan R. Peterson

**Each Inventor: Please Sign and Date Below:**

JUNE 29, 2012  
Date

  
David P. Funston

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