

## 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>Kamal Dalmia</td> <td>12/29/1998</td> </tr> <tr> <td>Mohammad J. Navabi</td> <td>12/29/1998</td> </tr> <tr> <td>Bertrand J. Williams</td> <td>12/29/1998</td> </tr> </tbody> </table>		Name	Execution Date	Kamal Dalmia	12/29/1998	Mohammad J. Navabi	12/29/1998	Bertrand J. Williams	12/29/1998
Name	Execution Date								
Kamal Dalmia	12/29/1998								
Mohammad J. Navabi	12/29/1998								
Bertrand J. Williams	12/29/1998								
RECEIVING PARTY DATA									
Name:	Cypress Semiconductor Corporation								
Street Address:	3901 North First Street								
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>Patent Number:</td> <td>6225831</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6225831				
Property Type	Number								
Patent Number:	6225831								
CORRESPONDENCE DATA									
Fax Number:	(408)545-6911								
Phone:	408-943-6878								
Email:	andb@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:	CD98093C1								
NAME OF SUBMITTER:	Andrew J. Bateman								
Total Attachments: 1 source=USP6225831_Assignment#page1.tif									

CH \$40.00 6225831

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## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, **Kamal Dalmia, Mohammad J. Navabi and Bertrand J. Williams**, hereby sell, assign and transfer to CYPRESS SEMICONDUCTOR CORPORATION (hereinafter referred to as "ASSIGNEE"), having a place of business at 3901 N. First Street, San Jose, California 95134, the full and exclusive right title and interest in and to any and all improvements disclosed in the application for United States Patent entitled "PHASE DETECTOR", filed on December 18, 1998 and having Serial No. 097216,465, any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof, all rights of priority resulting from the filing of said application, and any and all Letters Patents which issue from said application, together with all claims for damages by reason of past infringement of said patent and with the right to sue for and collect the same;

We hereby authorize and request the Officials of the United States Patent and Trademark Office and of any and all foreign Patent Offices to issue and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of our entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted;

On request, We agree to execute all oaths, declarations, assignments, powers of attorney and other papers related to said application and any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof, communicate to said ASSIGNEE, its successors, assigns and representatives all facts known to me concerning said improvements and the history thereof, and generally do everything possible to assist and aid said ASSIGNEE in obtaining, securing and maintaining patent protection for said improvements and for vesting title to said improvements and any and all applications for and patents on said improvements in said ASSIGNEE, its successors and assigns;

We have made no previous assignment, grant, mortgage, license or other agreement to or with others affecting the rights and property conveyed herein; and

We hereby grant to the firm of MAIORANA & ACOSTA, P.C. located at 225 S. Troy Street, Suite 160, Royal Oak, MI 48067, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Kamal Dalmia  
Signature of First Joint Inventor

Date: 12/29/98

Kamal Dalmia  
Name of First Joint Inventor

Mohammad J. Navabi  
Signature of Second Joint Inventor

Date: 12/29/98

Mohammad J. Navabi  
Name of Second Joint Inventor

Bertrand J. Williams  
Signature of Third Joint Inventor

Date: 12/29/98

Bertrand J. Williams  
Name of Third Joint Inventor

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