

## 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>Jifa Hao</td> <td>10/24/2011</td> </tr> <tr> <td>Gary Dolny</td> <td>10/24/2011</td> </tr> <tr> <td>Mark Rioux</td> <td>10/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Jifa Hao	10/24/2011	Gary Dolny	10/24/2011	Mark Rioux	10/24/2011
Name	Execution Date								
Jifa Hao	10/24/2011								
Gary Dolny	10/24/2011								
Mark Rioux	10/24/2011								
RECEIVING PARTY DATA									
Name:	Fairchild Semiconductor Corporation								
Street Address:	3030 Orchard Parkway								
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>13280452</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13280452				
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Application Number:	13280452								
CORRESPONDENCE DATA									
Fax Number:	(612)332-8352								
Phone:	2020-470-6450								
Email:	rbailey@cpaglobal.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:	Brake Hughes Bellermann LLP								
Address Line 1:	c/o CPA Global								
Address Line 2:	PO Box 52050								
Address Line 4:	Minneapolis, MINNESOTA 55402								
ATTORNEY DOCKET NUMBER:	0078-023001								
NAME OF SUBMITTER:	Daniel M. Bennett								
Total Attachments: 6									

OP \$40.00 13280452

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## ASSIGNMENT

WHEREAS, We, Jifa Hao, residing at 8 Sequoia Lane., Scarborough, ME 04074, and Gary Dolny, residing at 633 South Main Road, Luzerne, PA 18707, and Mark Rioux, residing at 40 Plymouth Drive, Saco, ME 04072, made certain new and useful inventions and improvements set forth in an application for Letters Patent of the United States entitled INTEGRATED GATE RUNNER AND FIELD IMPLANT TERMINATION FOR TRENCH DEVICES;

WHEREAS, We hereby authorize and request the attorneys at Brake Hughes Bellermann LLP, to insert here in parentheses (Ser. No. 13/280,452; Filing Date: October 25, 2011) the filing date and application number of said application when known.

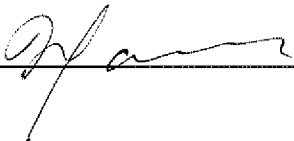
AND WHEREAS, Fairchild Semiconductor Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3030 Orchard Parkway, San Jose, CA 95134 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of October, 2011.

  
\_\_\_\_\_  
Jifa Hao

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Gary Dolny

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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Mark Rioux