

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Richard A Blanchard		11/20/2007
RECEIVING PARTY DATA		
Name:	Fairchild Semiconductor Corporation	
Street Address:	82 Running Hill Road	
City:	South Portland	
State/Country:	MAINE	
Postal Code:	04106	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11852959	
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ATTORNEY DOCKET NUMBER:	70200 (BLAN-20)	
NAME OF SUBMITTER:	Robert O. Groover	
Total Attachments: 2		
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PATENT
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ASSIGNMENT

As inventor and owner of the following family of patent applications, including without limitation:

1. U.S. patent application entitled **Devices, Methods, and Systems with MOS-Gated Trench-to-Trench Lateral Current Flow**, which names an inventorship of **Richard A. Blanchard** and which was filed **September 10, 2007** and received Serial No. **11/852,959**;

2. U.S. Patent application entitled **Technique for Manufacturing MOS-Gated Devices That Have Lateral Current Flow and Having Their Sources and Drains on Trench Walls**, which names an inventorship of **Richard A. Blanchard** and which was filed **September 8, 2006** and received Serial No. **60/825,059**;

3. PCT application entitled **Devices, Methods, and Systems with MOS-Gated Trench-to-Trench Lateral Current Flow**, which names an inventorship of **Richard A. Blanchard** and which was filed **September 10, 2007** and received Serial No. **PCT/US07/78075**;

4. Taiwan patent application entitled **Devices, Methods, and Systems with MOS-Gated Trench-to-Trench Lateral Current Flow**, which names an inventorship of **Richard A. Blanchard** and which was filed **September 10, 2007** and received Serial No. **096133844**;

I hereby sell, assign and transfer to **Fairchild Semiconductor Corporation, 82 Running Hill Road, South Portland Maine 04106** (hereinafter referred to as ASSIGNEE), for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the full and exclusive right, title and interest to said family in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in all foreign countries to be obtained for said family by said application or any division, continuation, continuation-in-part, renewal, substitute, extension, re-examination or reissue thereof or any legal equivalent thereof in the United States or any foreign country for the full term or terms of which the same may be granted, and specifically including the right to file foreign applications and claim priority therefore under the provisions of any convention or treaty;

and I also hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

and I further hereby covenant that I will, upon ASSIGNEE'S request, promptly provide ASSIGNEE with all pertinent facts and documents, relating to said application, to any invention disclosed therein, or to any of said Letters Patent or legal equivalents thereof in the United States or in foreign countries, as may be known and accessible to me, and that I will testify and give evidence as to the same in any litigation or interference which may arise, and that I will promptly execute and deliver to ASSIGNEE or its legal representative, without charge but at Assignee's expense, any and all papers, instruments or affidavits which may be required, necessary or desirable for the purpose of applying for, obtaining, maintaining, issuing or enforcing said application and said Letters Patent and said equivalents thereof in the United States or in any foreign country; and I further authorize ASSIGNEE or its legal representative to make any submissions or true declarations which may be needed in connection with the prosecution of this application or related applications in the U.S. or in other countries, consistent with the requirements of the applicable country;

AND I HEREBY AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on said invention to ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the date set forth below.

Inventor: **Richard A. Blanchard**

Date: Nov. 20, 2007 Signature: Richard A. Blanchard

Mailing Address: 10724 Mora, Los Altos, California 94024-6530

Citizenship: United States