**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

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<td>QI WANG</td>
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### RECEIVING PARTY DATA

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<tr>
<th>Name</th>
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<tr>
<td>Street Address</td>
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CORRESPONDENCE DATA

Fax Number: (612)332-8352

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-470-6454

Email: lisa@brakehughes.com

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: 0088-03602X

NAME OF SUBMITTER: DANIEL M. BENNETT

SIGNATURE: /Daniel M. Bennett, Reg. No. 54,993/

DATE SIGNED: 09/26/2014

Total Attachments: 11

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Ashok Challa of 10425 Zinnia Way, Sandy, UT 84904; Alan Elbanhawy of 2410 Paradise Circle, Hollister, CA 95014; Thomas E. Grades of 28 Woodbrook Way, Mountaintop, PA 18707; Nathan L. Kraft of 1243 Potomac Street, Pottsville, PA 17901; Dean E. Probst of 6399 South April Meadows Drive, West Jordan, UT 84084; Rodney S. Ridley of 1811 Henry Drive, Mountaintop, PA 18707; Steven P. Sapp of 834 Pine Drive, Felton, CA 95018; Qi Wang of 10237 Snow Iris Way, Sandy, UT 84092; Changman Yun of Ichon Apt 110/101 Yongsan-gu, Ichon 1-dong, Seoul City, 140-744 Korea, South; J.G. Lee of 2128-804, Keumjeong KCC APT Sang-Dong, Womni-Ku, Bucheon, Kyungki-do, 420-753 Korea, South; Peter H. Wilson of 6116 Acorn Drive, Wrightwood, CA 92397-3415; Joseph A. Yedinak of 114 Ash Lane, Mountaintop, PA 18707; J.Y. Jung of Podomaen, Apt 819-1403, Joong 1-dong, Womni-ku, Bucheon, Kyungki-do, Korea, South; H.C. Jang of 82-3, Dodang-dong, Womni-ku, Bucheon, Kyungki-do, Korea, South; Babak S. Sarim of 5201 Masonic Avenue, Oakland, CA 94615; Richard Stokes of 276 Jackson Road, Shaftstown, PA 18708; Gary M. Dolny of 633 South Main Road, Mountaintop, PA 18707; John Mytych of 259 Gebhart School Road, Moline, IL 61265; Becky Lesse of 4518 West Cherry Court, Cedar Hills, UT 84062; Adam Selsley of 64 Shady Tree Drive, Mountaintop, PA 18707; Robert Herrick of 2536 N. 670 West, Lehi, UT 84043; James J. Murphy of 1106 West Wasatch Downs Drive, South Jordan, UT 84095; Gordon K. Madison of 13704 South Rocky Point Drive, Riverton, UT 84065; Bruce D. Marchant of 697 Clovercrest Drive, Murray, UT 84123; Christopher L. Rezer of 374 White Birch Lane, Mountaintop, PA 18707; Christopher B. Kocon of 16 Grace Drive, Plains, PA 18705; and Debra S. Woolsey of 11494 S. Cranberry Hill Court, Draper, UT 84020, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: POWER SEMICONDUCTOR DEVICES AND METHODS OF MANUFACTURE

Date(s) of execution of Declaration: 3/24/03, 3/30/03, 3/18/05, 3/18/05, 3/29/05, 3/18/05, 3/22/05, 3/16/05, 3/16/05, 3/17/05, 3/18/05, 4/8/05, 3/21/05, 3/24/05, 3/21/05, 3/24/05, 3/25/05, 3/28/05, 3/18/05, 3/17/05, 3/30/05, 3/21/05, 3/21/05, 3/24/05, 3/24/05

Filing Date: December 29, 2004

Application No.: 11/026,276; and

WHEREAS, Fairchild Semiconductor Corporation, a corporation of the state of Delaware, located at 828 Running Hill Road, MS 35-4E, South Portland, ME 04106, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain
or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest
title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 3/24/05

[Signature]
Ashok Challa

Dated: _______________________

[Signature]
Alan Elenbaas

Dated: _______________________

[Signature]
Thomas H. Grohs

Dated: _______________________

[Signature]
Nathan L. Kraft

Dated: 3/24/05

[Signature]
Dean E. Probst

Dated: _______________________

[Signature]
Rodney S. Ridley

Dated: _______________________

[Signature]
Steven P. Sepp

Dated: 3/24/05

[Signature]
Qi Wang

Dated: _______________________

[Signature]
Chongmin Yun

Dated: _______________________

[Signature]
J.G. Lee

Dated: _______________________

[Signature]
Peter H. Wilson
or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: ___________________________  
Ashok Challa

Dated: 3/30/2005  
Alen Biasekawy

Dated: ___________________________  
Thomas E. Grebs

Dated: ___________________________  
Nathan L. Kraft

Dated: ___________________________  
Dean E. Probst

Dated: ___________________________  
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Dated: ___________________________  
Qi Wang

Dated: ___________________________  
Chongman Yun

Dated: ___________________________  
J.G. Lee

Dated: ___________________________  
Peter H. Wilson
Assignment
Attorney Docket No.: 018865-013310US
Page 2

or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated:

Dated: ____________________________ ____________________________

Ashok Challa

Dated: ____________________________ ____________________________

Alan Elbakawy

Dated: 3/18/05 ____________________________ ____________________________

Thomas E. Grebs

Dated: 3/18/05 ____________________________ ____________________________

Nathan L. Kraft

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Qi Wang

Dated: ____________________________ ____________________________

Chongman Yun

Dated: ____________________________ ____________________________

J.G. Lee

Dated: ____________________________ ____________________________

Peter H. Wilson

Page 2 of 4.
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: ________________________________  ________________________________
      Ashok Challis

Dated: ________________________________  ________________________________
      Alan Elbanshawy

Dated: ________________________________  ________________________________
      Thomas E. Grohe

Dated: ________________________________  ________________________________
      Nathan L. Kraft

Dated: ________________________________  ________________________________
      Dean E. Probst

Dated: ________________________________  ________________________________
      Rodney S. Ridley

Dated: ________________________________  ________________________________
      Steven F. Sepp

Dated: ________________________________  ________________________________
      Qi Wang

Dated: March 16, 2005  ________________________________
      Chongnan Yun

Dated: March 16, 2005  ________________________________
      J.G. Lee

Dated: ________________________________  ________________________________
      Peter H. Wilson
Assignment
Attorney Docket No.: 018865-013310US
Page 2

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title thereto in Assignee, or Assignor's successors and assigns.

IN TESTIMONY WHEREOF, Assignees have signed their names on the dates indicated.

Dated: ___________________________ Ashok Challa

Dated: ___________________________ Alan Ebenhaww

Dated: ___________________________ Thomas E. Greps

Dated: ___________________________ Nathan L. Kraft

Dated: ___________________________ Dean H. Probst

Dated: ___________________________ Rodney S. Ridley

Dated: ___________________________ Steven P. Sapp

Dated: ___________________________ Qi Wang

Dated: ___________________________ Chongman Yan

Dated: ___________________________ J.G. Lee

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Assignment
Attorney Docket No.: 018865-013310US
Page 4

Dated: 3/18/05
Christopher L. Reuter

Dated: 3/17/05
Christopher B. Koon

Dated: ______________________
Debra S. Wooley

60443375 v1