PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

Name	Execution Date
Ashok Challa	03/24/2005
Alan Elbanhawy	03/30/2005
Thomas E. Grebs	03/18/2005
Nathan L. Kraft	03/18/2005
Dean E. Probst	03/29/2005
Rodney S. Ridley	03/18/2005
Steven P. Sapp	03/31/2005
Qi Wang	03/23/2005
Chongman Yun	03/16/2005
J.G. Lee	03/16/2005
Peter H. Wilson	03/17/2005
Joseph A. Yedinak	03/18/2005
J.Y. Jung	03/16/2005
H.C. Jang	03/16/2005
Babak S. Sani	04/08/2005
Richard Stokes	03/18/2005
Gary M. Dolny	03/30/2005
John Mytych	03/21/2005
Becky Losee	03/24/2005
Adam Selsley	03/21/2005
Robert Herrick	03/24/2005
James J. Murphy	03/24/2005
Gordon K. Madson	03/24/2005
Bruce D. Marchant	03/28/2005
Christopher L. Rexer	03/18/2005
Christopher B. Kocon	03/17/2005
Debra S. Woolsey	03/24/2005

RECEIVING PARTY DATA

501293232

PATENT

REEL: 025001 FRAME: 0008

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:	12018166

CORRESPONDENCE DATA

Fax Number: (650)326-2422

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-326-2400

Email: gjsikora@townsend.com

Correspondent Name: JDC / Townsend and Townsend and Crew LLP

Address Line 1: Two Embarcadero Center, 8th Floor
Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	018865-013326US
NAME OF SUBMITTER:	Jesus Del Castillo

Total Attachments: 11

source=FSC_013310_xAsn#page3.tif source=FSC_013310_xAsn#page4.tif source=FSC_013310_xAsn#page5.tif source=FSC_013310_xAsn#page6.tif source=FSC_013310_xAsn#page7.tif source=FSC_013310_xAsn#page8.tif source=FSC_013310_xAsn#page9.tif source=FSC_013310_xAsn#page10.tif source=FSC_013310_xAsn#page11.tif source=FSC_013310_xAsn#page12.tif source=FSC_013310_xAsn#page13.tif

> PATENT REEL: 025001 FRAME: 0009

Attorney Docket No.: 018865-013310US Client Reference No.: 17732.67620.00

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Ashok Challa of 10425 Zinnia Way, Sandy, UT 84904; Alan Elbanhawy of 2410 Paradise Circle, Hollister, CA 95134; Thomas E. Grebs of 28 Woodbrook Way, Mountaintop, PA 18707; Nathan L. Kraft of 1243 Pottsville 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; Chongman Yun of Ichon Apt. 110/101Yongsan-gu, Ichon 1-dong, Seoul City, 140744 Korea, South; J.G. Lee of 2128-804, Keumkang KCC APT Sang3-Dong, Wonmi-Ku, Puchon-Si, Kyounggi-Do, 420-753 Korea, South; Peter H. Wilson of 6148 Acorn Drive, Wrightwood, CA 92397-3415; Joseph A. Yedinak of 114 Ash Lane, Mountaintop, PA 18707; J.Y. Jung of Podomaeul, Apt. 819-1403, Joong 1-dong, Wonmi-ku, Bucheon, Kyunggi-do, Korea, South, H.C. Jang of 82-3, Dodang-dong, Wonmi-ku, Buchon, Kyoungki-do, Korea, South; Babak S. Sani of 5201 Masonic Avenue, Oakland, CA 94615; Richard Stokes of 276 Jackson Road, Shavertown, PA 18708; Gary M. Dolny of 633 South Main Road, Mountaintop, PA 18707; John Mytych of 259 Gebhart School Road, Mohnton, PA 19450; Becky Losee 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 94043; James J. Murphy of 1108 West Wasatch Downs Drive, South Jordan, UT 94095; Gordon K. Madson of 13704 South Rocky Point Drive, Riverton, UT 94065; Bruce D. Marchant of 697 Clovercrest Drive, Murray, UT 94123; Christopher L. Rexer of 374 White Birch Lane, Mountaintop, PA 18707; Christopher B. Kocon of 16 Grace Drive, Plains, PA 18705; and Debra S. Woolsey of 11464 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: 3/24/05, 3/30/05, 3/18/05, 3/18/05, 3/29/05, 3/18/05,

3/31/05, 3/25/05, 3/16/5, 3/16/05, 3/17/05, 3/18/05, 4/8/05, 3/18/05, 3/30/05, 3/21/05, 3/24/05, 3/21/05, 3/24/05, 3/24/05, 3/28/05, 3/18/05, 3/17/05, 3/30/05, 3/21/

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 82 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

PATENT REEL: 025001 FRAME: 0010

Assignn	ient
Attorner	, The

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: Alan Elbanhawy Dated: __ Thomas E. Grebs Dated: Nathan L. Kraft Dean E. Probst Dated: __ Rodney S. Ridley Dated: Steven P. Sapp Dated: __ Chongman Yun Dated: J.G. Lee 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: 3/30/2005	Alan Bibanhawy
Dated:	Thomas E. Grebs
Dated:	
	Nathan L. Kraft
Dated:	Dean E. Probst
Dated:	Rodney S. Ridley
Dated: 3/31/05	Steven P. Sapp
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:	<u></u>
	Alan Elbanhawy
11	Jamo E. Sel
Dated: 3 18 65	Thomas E. Grebs
	Thomas E. Greos
Dated: 3 18 05	late of
	Nathan L. Kraft
Dated:	·
	Dean E. Probst
Dated: 3/18/05	Clock S(Lub
	Rodney S. Ridley
Dated:	•
	Steven P. Sapp
Dated:	•
Dutou.	Qi Wang
Dated:	•
Dated.	Chongman Yun
Dated:	
Dated.	J.G. Lee
D-4-1	
Dated:	Peter H. Wilson

Page 2 of 4

REEL: 025001 FRAME: 0013

Assignment Autorney 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 Elbanhawy
Dated:	Thomas E. Grebs
Dated:	Nathan L. Krafi
Dated:	Dean E. Probst
Dated:	Rodney S. Ridley
Dated:	Steven P. Sapp
Dated:	Qi Wang
Dated: March 16. 2005	Chongman Yun
Dated: March 16. 2005	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 Efbanhawy
	Alan Broamswy
Dated:	Thomas E. Grebe
Dated:	
	Nathan L. Kraft
Dated:	Dean E. Probst
	242 B. 11000
Dated:	Rodney S. Ridley
Dated:	
	Steven P. Sapp
Dated:	Qi Wang
n	
Dated:	Chongman Yun
Dated:	
1.1.	J.G. Lee No. 1 Mh Peter H. Wilson
Dated: 17 Morch 2005	Peter H. Wilson

Assignment	
Attorney Docket No.: 018865-013310US	
Page 3	
rage 3	Joseph a. Jadinh
2/10/65	1/ x 20/1/ 1/ / liza//
Dated: 3/18/65	Jeger VI Parance
	Joseph A. Yedinak
•	J) Sosopii II. Togilian
	\mathcal{O}
T 1	
Dated:	 (
	J.Y. Jung
•	
Dated:	
	H.C. Jang
	11.0. 34115
•	
ر ال	
Dec 3 07/08/05	Selah Ja
Dated: 04/08/05	Babak S. Sani
• ,	Babak S. Sani
,	
i	
Dated: 03/18/05	Dill 1/ Helps
Dated: $O_3//3/(5)$	1-7 CENOUN SOUS RICE
	Richard Stokes
<i>j</i> /	12011111 2 2101100
Dated: 3/30/05	(1) 91
7/2/1/ac	Gary M. Dolny
Dated:	- July Mell
- / /	Gary, M. Dolny
<i>(</i>	
Dated: 3/21/05	
Dated: 5/2//05	W/m 16/1/2/
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	John Mytyck
•	John Mytyyn J
D . 1	
Dated:	
	Becky Losee
Dated: 2Mwo (
	Adam Selsley
D / 1	~
Dated:	D 1 4TT 11
	Robert Herrick
Dated:	
	James J. Murphy
	James J. Marphy
* · · ·	
Dated:	C 1 77.35 1
	Gordon K. Madson
Dated:	
	Price D. Marchant

Page 3 of 4

Assignment Attorney Docket No.: 018865-013310US Page 3	
Dated:	Joseph A. Yedinak
Dated: March 16. 200\$	Now of
Dated: Mar 16 2005	H.C. Jang
Dated:	Babak S. Sani
Dated:	Richard Stokes
Dated:	Gary M. Dolny
Dated:	John Mytych
Dated:	Becky Losee
Dated:	Adam Selsley
Dated:	Robert Herrick
Dated:	James J. Murphy
Dated:	Gordon K. Madson
Dated:	Kara T. Marshant

Page 3 of 4

Assignment Attorney Docket No.: 018865-013310US Page 3	
Dated:	Joseph A. Yedinak
. Dated:	
. Dated.	J.Y. Jung
Dated:	H.C. Jang
Dated:	Babak S. Sani
	Badak S. Sani
Dated:	Richard Stokes
Dated:	. ·
	Gary M. Dolny
Dated:	John Mytych
Dated: 3/24 /05	Becky Losee
Dated:	Adam Selsley
Dated: 3/24/03	Robert Herrick
Dated: 3/29/05	James J. Murphy
Dated: 3/24/05	Lower L. Markon Gordon K. Madson
Dated: 3/28/05	Bruce D. Marchant

Page 3 of 4

Attorney Docket No.: 018865-013310US Page 4	
Dated: 3)18/05	Christopher L. Rexer
Dated: 3/17/05	Moth B. fle
Dated:	Christopher B. Kocon
Dated.	Debra S. Woolsey

60443176 v1

Assignment

Assignment Attorney Docket No.: 018865-013310US Page 4	•
	•
Dated:	
	Christopher L. Rexer
Dated:	
	Christopher B. Kocon

60443176 v1

Page 4 of 4

PATENT

REEL: 025001 FRAME: 0020