

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Atty Ref/Docket No.: 2921.047US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Rohit Dikshit, Mark L. Rinehimer, Michael D.
Gruenhagen, Joseph A. Yedinak, Tracie Petersen, Ritu
Sodhi, Dan Kinzer, Christopher L. Rexer, Fred C.
Session

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

2. Name and address of receiving party(ies):

Name: Fairchild Semiconductor Corporation

Street Address: 82 Running Hill Road

City: South Portland State: ME Zip: 04106Country: United States of AmericaAdditional name(s) & address(es) attached? [] Yes
[X] No

3. Nature of conveyance:

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: January 13, 2011, February 10, 2011,
January 13, 2011, February 10, 2011, January 13, 2011,
February 9, 2011, January 17, 2011, February 10, 2011,
November 14, 2011

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/091,578, filed April 21, 2011

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul G. Kegley

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account
19-07438. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 19-0743

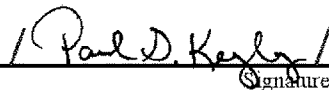
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul G. Kegley/Reg. No. 60,336

Name of Person Signing



June 26, 2013

Date

Total number of pages including cover sheet: 21

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT**REEL: 030755 FRAME: 0354****700507314**

CH \$40.00 190743 13091578

Attorney Docket No. 3921-047US1
 Client Ref. No. 71520US-01

ASSIGNMENT

WHEREAS, We, Rohit Dikshit, residing at 13156 Woods Park Drive, Herriman, UT 84096, and Mark L. Rinehimer, residing at 85 Fieldstone Way, Mountain Top, PA 18707, and Michael D. Grueninger, residing at 1459 Yuma St, Salt Lake City, UT 84108, and Joseph A. Yedinak, residing at 114 Ash Lane, Mountain Top, PA 18707, and Tracie Petersen, residing at 312 Milton Ave, Salt Lake City, UT 84115, and Ritu Sodhi, residing at 40, Vascon Paradise, Opp. Baner Telephone Exchange, Baner, Pune, Maharashtra 411045, India, and Dan Kinzer, residing at 3001 Orchard Parkway, San Jose, CA 95134, and Christopher L. Rexer, residing at 374 White Birch Lane, Mountain Top, PA 18707, and Fred Sessien, residing at 12139 Nicklaus Road, Sandy, UT 84092, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent, entitled DOUBLE LAYER METAL (DLM) POWER MOSFET,

WHEREAS, We hereby authorize and request the attorneys, representing Fairchild Semiconductor Corporation on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/091,578 ; Filing Date: April 21, 2013) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Fairchild Semiconductor Corporation (the "Assignee"), a corporation of the State of Delaware, having a place of business at 82 Running Hill Road, South Portland, ME 04106, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Assignment
Chassis Ref. No. 7132005.01
Assignee: Rohit Dikshit et al.
Title: DOUBLE LAYER METAL (DLM) POWER MOSFET
Page 3 of 4

DocId: No. 03070551

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee.

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned.

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: I:

(Signature):

Name: Rohit Dikshit

Date:

01/13/2011

Assignment
Chin Ref. No. 712285-01
Assignee: Robert H. Smith et al.
Title: DOUBLE LAYER METAL (DLN) POWER MOSFET
Page 1 of 4

DocId: 301 8478051

Inventor: 2:

(Signature):

Name: Mark L. Rinehimer

Date:

Inventor: 3:

(Signature):

Name: Michael D. Gruenhagen

Date:

Inventor: 4:

(Signature):

Name: Joseph A. Yedinak

Date:

Inventor: 5:

(Signature):

Name: Tracie Petersen

Date:

Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 4 of 4

Inventor: 6:

(Signature): _____

Name: **Ritu Sodhi**

Date: _____

Inventor: 7:

(Signature): _____

Name: **Dan Kinzer**

Date: _____

Inventor: 8:

(Signature): _____

Name: **Christopher L. Rexer**

Date: _____

Inventor: 9:

(Signature): _____

Name: **Fred C. Session**

Date: _____

Attorney Docket No. 2921.047US1

Client Ref. No. 71520US.01

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Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 2 of 4

Additional Application Information*No Provisional claim for priority is being made at this time.**No U.S. Non-Provisional claim for priority is being made at this time.**No International or foreign claim for priority is being made at this time.*

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COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature): _____

Name: **Rohit Dikshit**

Date: _____

Assignment
Client Ref. No. 71520US.01
Assignors: Rohit Dikshit et al.
Title: DOUBLE LAYER METAL (DLM) POWER MOSFET
Page 3 of 4

Docket No: 2921.047US1

Inventor: 2:

(Signature): Mark L. Rinehimer
Name: Mark L. Rinehimer

Date: 2-10-11

Inventor: 3:

(Signature): _____
Name: Michael D. Gruenhagen

Date: _____

Inventor: 4:

(Signature): Joseph A. Vedinak
Name: Joseph A. Vedinak

Date: 02/10/2011

Inventor: 5:

(Signature): _____
Name: Tracie Petersen

Date: _____

Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 4 of 4

Inventor: 6:

(Signature): _____

Name: **Ritu Sodhi**

Date: _____

Inventor: 7:

(Signature): _____

Name: **Dan Kinzer**

Date: _____

Inventor: 8:

(Signature): _____

Name: **Christopher L. Rexer**

Date: _____

Inventor: 9:

(Signature): _____

Name: **Fred C. Session**

Date: _____

Attorney Docket No. 2921.047US1

Client Ref. No. 71520US.01

ASSIGNMENT

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Assignment

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 2 of 4

Docket No: 2921.047US1

Additional Application Information*No Provisional claim for priority is being made at this time.**No U.S. Non-Provisional claim for priority is being made at this time.**No International or foreign claim for priority is being made at this time.*

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THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature): _____

Name: **Rohit Dikshit**

Date: _____

Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 3 of 4

Inventor: 2:

(Signature): _____

Name: **Mark L. Rinehimer**

Date: _____

Inventor: 3:

(Signature): _____

Name: **Michael D. Gruenhagen**

Date: _____

Inventor: 4:

(Signature): _____

Name: **Joseph A. Yedinak**

Date: _____

Inventor: 5:

(Signature): _____

Name: **Tracie Petersen**

Date: _____

Assignment
Client Ref. No. 7152005-01
Assignors: Rohit Dabhi et al.
Title: DOUBLE LAYER METAL (DLM) POWER MOSFET
Page 4 of 4

Docket No. 2921447US1

Inventor: 6:

(Signature):

Name: Ritu Sodhi

Date:

Inventor: 7:

(Signature):

Name: Dan Kinzer

Date:

Inventor: 8:

(Signature):

Name: Christopher L. Rexer

Date:

Inventor: 9:

(Signature):

Name: Fred C. Session

Date:

Attorney Docket No. 2921.047US1

Client Ref. No. 71520US.01

ASSIGNMENT

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WHEREAS, We hereby authorize and request the attorneys, representing Fairchild Semiconductor Corporation on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/091,578 ; Filing Date: April 21, 2011) the filing date and application number of said application when known.

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AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 2 of 4

Additional Application Information*No Provisional claim for priority is being made at this time.**No U.S. Non-Provisional claim for priority is being made at this time.**No International or foreign claim for priority is being made at this time.*

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COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature): _____

Name: **Rohit Dikshit**

Date: _____

Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 3 of 4

Inventor: 2:

(Signature): _____

Name: **Mark L. Rinehimer**

Date: _____

Inventor: 3:

(Signature): _____

Name: **Michael D. Gruenhagen**

Date: _____

Inventor: 4:

(Signature): _____

Name: **Joseph A. Yedinak**

Date: _____

Inventor: 5:

(Signature): _____

Name: **Tracie Petersen**

Date: _____

Assignment
Client Ref. No. 7152015.01
Assignor: Rohit Debnath
Title: DOUBLE LAYER METAL (OLM) POWER MOSFET
Page 4 of 4

DocId: 28210478

Inventor: 6:

(Signature): _____
Name: Ritu Sodhi

Date: _____

Inventor: 7:

(Signature): _____
Name: Dan Kinzer

Date: Jan. 17, 2011

Inventor: 8:

(Signature): _____
Name: Christopher L. Rexer

Date: _____

Inventor: 9:

(Signature): _____
Name: Fred Sessier

Date: _____

Attorney Docket No. 2921.047US1

Client Ref. No. 71520US.01

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Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 2 of 4

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AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature): _____

Name: **Rohit Dikshit**

Date: _____

Assignment

Docket No: 2921.047US1

Client Ref. No. 71520US.01

Assignors: Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 3 of 4

Inventor: 2:

(Signature): _____

Name: **Mark L. Rinehimer**

Date: _____

Inventor: 3:

(Signature): _____

Name: **Michael D. Gruenhagen**

Date: _____

Inventor: 4:

(Signature): _____

Name: **Joseph A. Yedinak**

Date: _____

Inventor: 5:

(Signature): _____

Name: **Tracie Petersen**

Date: _____

Assignment

Docket No. 2921.047US1

Client Ref. No. 71520US.01

Assignors. Rohit Dikshit et al.

Title: DOUBLE LAYER METAL (DLM) POWER MOSFET

Page 4 of 4

Inventor: 6:

(Signature): _____

Name: Ritu Sodhi

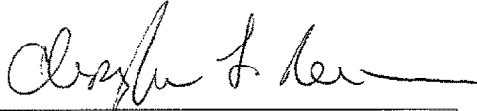
Date: _____

Inventor: 7:

(Signature): _____

Name: Dan Kinzer

Date: _____

Inventor: 8:(Signature):  _____

Name: Christopher L. Rexer

Date: February 19, 2011**Inventor: 9:**

(Signature): _____

Name: Fred C. Session

Date: _____