

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2754140

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>SAM ZHENG</td> <td>06/14/2013</td> </tr> <tr> <td>GARY SUN</td> <td>06/14/2013</td> </tr> <tr> <td>STEVEN M. LEIBIGER</td> <td>06/13/2013</td> </tr> <tr> <td>TYLER DAIGLE</td> <td>09/16/2013</td> </tr> <tr> <td>JULIE LYNN STULTZ</td> <td>09/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	SAM ZHENG	06/14/2013	GARY SUN	06/14/2013	STEVEN M. LEIBIGER	06/13/2013	TYLER DAIGLE	09/16/2013	JULIE LYNN STULTZ	09/16/2013
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SAM ZHENG	06/14/2013												
GARY SUN	06/14/2013												
STEVEN M. LEIBIGER	06/13/2013												
TYLER DAIGLE	09/16/2013												
JULIE LYNN STULTZ	09/16/2013												
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>13862008</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13862008								
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Application Number:	13862008												
CORRESPONDENCE DATA													
Fax Number:													
Email:	request@slwip.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER, P.A.												
Address Line 1:	P.O. BOX 2938												
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402												
ATTORNEY DOCKET NUMBER:	2921.350US1												
NAME OF SUBMITTER:	KAREN MOON												
Signature:	/Karen Moon/												

Date:

03/05/2014

**Total Attachments: 22**

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 2921.350US1

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):

Sam Zheng, Gary Sun, Steven M. Leibiger, Tyler Daigle,  
Julie Lynn Stultz

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

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: June 14, 2013, June 14, 2013, June 13,  
2013, September 16, 2013, September 16, 2013

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

Name: Fairchild Semiconductor Corporation

Street Address: 3030 Orchard Parkway

City: San Jose State: CA Zip: 95134

Country: United States of America

Additional name(s) & address(es) attached?  Yes  No

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)

Serial No. 13/862,008

B. Patent No.(s)

Additional numbers attached?  Yes  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: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account 19-0743

8. 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

Paul D. Kegley  
Signature

February 6, 2014

Date

Total number of pages including cover sheet: 22

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: 032355 FRAME: 0954

### ASSIGNMENT

WHEREAS, Sam Zheng, Gary Sun, Steven M. Leibiger, Tyler Daigle and Julie Lynn Stultz (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on April 12, 2013, which application was assigned US patent application serial number 13/862,008, and which is titled METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION; which are described in a patent application filed on April 13, 2013, which application was assigned CN application serial number 201210113516.8, and which is titled INTEGRATED CIRCUIT AND ITS PROTECTION METHOD AND CIRCUIT.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Fairchild Semiconductor Corporation (the "Assignee"), a corporation of the State of Delaware, having a place of business at 3030 Orchard Parkway, San Jose, CA 95134, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

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

**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 2 of 7

Docket No: 2921.350US1  
Client Ref. No. 74550US.01

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 13488 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall 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 shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention 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 the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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:

Assignment  
Assignees: Sam Zheng et al.  
Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION  
Page 3 of 7

---

Docket No: 2921.350381  
Client Ref. No. 74550US 01

Assignor:

(Signature): Sam Zheng (郑志)

Name: Sam Zheng

City/State: Shanghai, China

Date: June . 14 . 2013

Assignment:  
Assignors: Sam Zheng et al.  
Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION  
Page 4 of 7

---

Docket No: 2921.350US1  
Client Ref. No. 74550US.01

Assignor:

(Signature): Gary Sun

Name: Gary Sun

City/State: Shanghai, China

Date: June 14, 2013

**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 5 of 7

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Docket No: 2921.350US1

Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Steven M. Leibiger

City/State: Falmouth, ME

Date: \_\_\_\_\_



**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 6 of 7

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Docket No: 2921.350US1

Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Tyler Daigle

City/State: Portland, ME

Date: \_\_\_\_\_

**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 7 of 7

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Docket No: 2921.350US1  
Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Julie Lynn Stultz

City/State: Scarborough, ME

Date: \_\_\_\_\_

### ASSIGNMENT

WHEREAS, Sam Zheng, Gary Sun, Steven M. Leibiger, Tyler Daigle and Julie Lynn Stultz (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on April 12, 2013, which application was assigned US patent application serial number 13/862,008, and which is titled METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION; which are described in a patent application filed on April 13, 2013, which application was assigned CN application serial number 201210113516.8, and which is titled INTEGRATED CIRCUIT AND ITS PROTECTION METHOD AND CIRCUIT.

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Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 3 of 7

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Docket No: 2921.350US1

Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Sam Zheng

City/State: Shanghai, China

Date: \_\_\_\_\_

**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 4 of 7

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Docket No: 2921.350US1

Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Gary Sun

City/State: Shanghai, China

Date: \_\_\_\_\_

Assignment

Assignors: Sam Zheng et al.

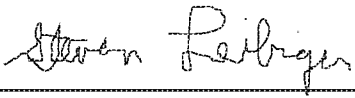
Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 5 of 7

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Docket No: 2921.350US1  
Client Ref. No. 74550US.01

Assignor:

(Signature): 

Name: Steven M. Leibiger

City/State: Falmouth, ME

Date: 6/13/2013

**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 6 of 7

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Docket No: 2921.350US1

Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Tyler Daigle

City/State: Portland, ME

Date: \_\_\_\_\_



**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

Page 7 of 7

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Docket No: 2921.350US1

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Name: Julie Lynn Stultz

City/State: Scarborough, ME

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Docket No: 2921.350US1  
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**Assignor:**

(Signature): \_\_\_\_\_

Name: Sam Zheng

City/State: Shanghai, China

Date: \_\_\_\_\_

**Assignment**

Assignors: Sam Zheng et al.

Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION

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(Signature): \_\_\_\_\_

Name: Gary Sun

City/State: Shanghai, China

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**Assignment**

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Docket No: 2921.350US1

Client Ref. No. 74550US.01

**Assignor:**

(Signature): \_\_\_\_\_

Name: Steven M. Leibiger

City/State: Falmouth, ME

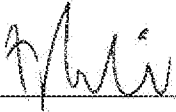
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Assignment  
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Title: METHOD AND APPARATUS FOR INTEGRATED CIRCUIT PROTECTION  
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Docket No: 2921.350US1  
Client Ref. No. 74550US.01

Assignor:


(Signature):  \_\_\_\_\_

Name: Tyler Daigle

City/State: Portland, ME

Date: 9/16/13

Assignor:

(Signature):   
Name: Julie Lynn Stultz

City/State: Scarborough, ME

Date: 9/16/2013