#### 502579368 11/22/2013

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2625373

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAMES GARRETT	11/02/2010
CHRISTOPHER D. BRIDGE	11/02/2010

### 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

Property Type	Number
Application Number:	12946458

## CORRESPONDENCE DATA

 Fax Number:
 (605)791-1857

 Phone:
 6123736900

 Email:
 Request@slwip.com

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

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER:	2921.035US1
NAME OF SUBMITTER:	SARAH J. KNIGHT
Signature:	/Sarah J. Knight/
Date:	11/22/2013

## Total Attachments: 3

source=Assignment\_2921\_035US1#page1.tif source=Assignment\_2921\_035US1#page2.tif source=Assignment\_2921\_035US1#page3.tif

> PATENT REEL: 031657 FRAME: 0309

CH \$40.00 129

# RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office Atty Ref/Docket No.: 2921.035US1 To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Fairchild Semiconductor Corporation James Garrett, Christopher D. Bridge Street Address: 3030 Orchard Parkway Additional name(s) of conveying party(ies) attached? City: <u>San Jose</u> State: <u>CA</u> Zip: Country: <u>United States of America</u> Zip: <u>95134</u> [ ]Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? [ ]Yes [X]No [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: November 2, 2010, November 2, 2010 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. 12/946,458, filed November 15, 2010 Additional numbers attached? [ ]Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 40.00 Name: Paul J. Urbanski [Enclosed [X] Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 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. Saul J. Urbans Paul J. Urbanski/Reg. No. 58.351 November 22, 2013 Name of Person Signing Date Total number of pages including cover sheet: 3

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: 031657 FRAME: 0310

#### ASSIGNMENT

WHEREAS, We, James Garrett, residing at 15 Crimson Ct, Nashua, NH 03063, and Christopher D. Bridge, residing at 285 Cross Rd, Pembroke, NH 03275, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled REGULATOR INCLUDING HYSTERETIC CONTROL;

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. 12/946,458 ; Filing Date: Nov 15, 2010) 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 <u>82</u> 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;

## Additional Application Information

U.S. Provisional Application Serial No. 61/263,873, filed on November 24, 2009.

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

PATENT REEL: 031657 FRAME: 0311 Assignment
Client Ref. No. 71270118 01

Assignors: James Garrett et al.

Title: REGULATOR INCLUDING HYSTERETIC CONTROL

Page 2 of 2

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: Janes Garriett  Date: 11/2/10
· · · · · · · · · · · · · · · · · · ·
Inventor: 2:
(Signature): Ch.D.
Name: Christopher D. Bridge
Date: 1 02 2010

PATENT REEL: 031657 FRAME: 0312

Docket No: 2921.035US1

**RECORDED: 11/22/2013**