

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3819449

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ANDREW EDWARD BIRNIE	12/06/2013
ROBERT MORAN	12/06/2013
PHILIPPE MOUNIER	11/28/2013
ALISTAIR PAUL ROBERTSON	12/06/2013

**RECEIVING PARTY DATA**

<b>Name:</b>	Freescale Semiconductor, Inc.
<b>Street Address:</b>	6501 William Cannon Drive West
<b>Internal Address:</b>	Law Department
<b>City:</b>	Austin
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78735
<b>Name:</b>	FREESCALE SEMICONDUCTOR, INC.
<b>Street Address:</b>	6501 WILLIAM CANNON DRIVE WEST
<b>Internal Address:</b>	TX 30 OE:62
<b>City:</b>	AUSTIN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78735

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15027742

**CORRESPONDENCE DATA**

Fax Number: (512)895-6630

*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: 512-895-8849

Email: angie.zalewski@nxp.com

Correspondent Name: FREESCALE SEMICONDUCTOR, INC.

Address Line 1: 6501 WILLIAM CANNON DRIVE WEST

Address Line 2: TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	AI20440EH-US02
<b>NAME OF SUBMITTER:</b>	ANGIE ZALEWSKI
<b>SIGNATURE:</b>	/Angie Zalewski/
<b>DATE SIGNED:</b>	04/07/2016

**Total Attachments: 10**

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **BIRNIE, Andrew Edward, BEARSDEN, UNITED KINGDOM, MORAN, Robert, LARGS, UNITED KINGDOM, MOUNIER, Philippe, TOURNEFEUILLE, FRANCE and ROBERTSON, Alistair Paul, GLASGOW, UNITED KINGDOM** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **FREESCALE SEMICONDUCTOR, INC.**, a corporation of the State of Delaware, having its principal office in Austin, Texas, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America, in and to certain inventions relating to improvements in **METHOD AND APPARATUS FOR DETECTING AND MANAGING OVERCURRENT EVENTS** (Docket No. A120440EH), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **FREESCALE SEMICONDUCTOR, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **FREESCALE SEMICONDUCTOR, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **FREESCALE SEMICONDUCTOR, INC.** for the sole use and benefit of **FREESCALE SEMICONDUCTOR, INC.** its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **FREESCALE SEMICONDUCTOR, INC.**

We agree that, when requested, we will, without charge to **FREESCALE SEMICONDUCTOR, INC.** but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **FREESCALE SEMICONDUCTOR, INC.** its successors, assigns and legal representatives or nominees.

A120440EH

We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

*Ande*  
BIRNIE, Andrew Edward

DATE: 6 DEC 13

First Witness

*James Scobie*  
SIGNATURE OF WITNESS

DATE: 12-6-12  
(Month-Day-Year)

JAMES SCOBIE  
PRINTED NAME OF WITNESS

Second Witness

*Steven McAslan*  
SIGNATURE OF WITNESS

DATE: DEC 6 2013  
(Month-Day-Year)

STEVEN MCLASLAN  
PRINTED NAME OF WITNESS

Robert Moran  
MORAN, Robert

DATE: 12-6-13

First Witness

James Scobie  
SIGNATURE OF WITNESS

DATE: 12-6-13  
(Month-Day-Year)

JAMES SCOBIE  
PRINTED NAME OF WITNESS

Second Witness

Steven McAslan  
SIGNATURE OF WITNESS

DATE: DEC 6 2013  
(Month-Day-Year)

STEVEN M(ASLAN  
PRINTED NAME OF WITNESS

.....  
MOUNIER, Philippe

DATE: .....

First Witness

.....  
SIGNATURE OF WITNESS

DATE: .....  
(Month-Day-Year)

.....  
PRINTED NAME OF WITNESS

Second Witness

.....  
SIGNATURE OF WITNESS

DATE: .....  
(Month-Day-Year)

.....  
PRINTED NAME OF WITNESS

*Alistair Paul Robertson*

ROBERTSON, Alistair Paul

DATE: 12-6-2013

First Witness

*James Scobie*  
SIGNATURE OF WITNESS

DATE: 12-6-13  
(Month-Day-Year)

JAMES SCOBIE  
PRINTED NAME OF WITNESS

Second Witness

*Steven Maslan*  
SIGNATURE OF WITNESS

DATE: DEC 6 2013  
(Month-Day-Year)

STEVEN MASLAN  
PRINTED NAME OF WITNESS

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **BIRNIE, Andrew Edward, BEARSDEN, UNITED KINGDOM, MORAN, Robert, LARGS, UNITED KINGDOM, MOUNIER, Philippe, TOURNEFEUILLE, FRANCE and ROBERTSON, Alistair Paul, GLASGOW, UNITED KINGDOM** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **FREESCALE SEMICONDUCTOR, INC.**, a corporation of the State of Delaware, having its principal office in Austin, Texas, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America, in and to certain inventions relating to improvements in **METHOD AND APPARATUS FOR DETECTING AND MANAGING OVERCURRENT EVENTS** (Docket No. AI20440EH), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **FREESCALE SEMICONDUCTOR, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **FREESCALE SEMICONDUCTOR, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **FREESCALE SEMICONDUCTOR, INC.** for the sole use and benefit of **FREESCALE SEMICONDUCTOR, INC.** its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **FREESCALE SEMICONDUCTOR, INC.**

We agree that, when requested, we will, without charge to **FREESCALE SEMICONDUCTOR, INC.** but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **FREESCALE SEMICONDUCTOR, INC.** its successors, assigns and legal representatives or nominees.

AI20440EH



We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

DATE: \_\_\_\_\_

\_\_\_\_\_  
BIRNIE, Andrew Edward

First Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

Second Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

.....  
MORAN, Robert

DATE: .....

First Witness

.....  
SIGNATURE OF WITNESS

DATE: .....  
(Month-Day-Year)

.....  
PRINTED NAME OF WITNESS

Second Witness

.....  
SIGNATURE OF WITNESS

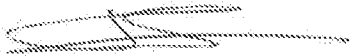
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(Month-Day-Year)

.....  
PRINTED NAME OF WITNESS

  
MOUNIER, Philippe

DATE: NOVEMBER, 28, 2013

First Witness



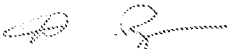
SIGNATURE OF WITNESS

DATE: 11/28/2013  
(Month-Day-Year)

SOUBE Thierry

PRINTED NAME OF WITNESS

Second Witness



SIGNATURE OF WITNESS

DATE: 11/28/2013  
(Month-Day-Year)

PAGNOUX Didier

PRINTED NAME OF WITNESS

ROBERTSON, Alistair Paul

DATE: \_\_\_\_\_

First Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

Second Witness

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
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