

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3613506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALISTAIR PAUL ROBERTSON	11/11/2015
MARK MAIOLANI	11/04/2015
ROBERT FREDDIE MORAN	11/10/2015
RECEIVING PARTY DATA	
Name:	FREESCALE SEMICONDUCTOR, INC.
Street Address:	6501 WILLIAM CANNON DRIVE
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78735
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14939062
CORRESPONDENCE DATA	
Fax Number:	(512)795-7677
<i>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.</i>	
Phone:	512-900-8500
Email:	ppepitone@abel-ip.com
Correspondent Name:	ABEL LAW GROUP, LLP
Address Line 1:	8911 N. CAPITAL OF TEXAS HWY.
Address Line 2:	BLDG. 4, SUITE 4200
Address Line 4:	AUSTIN, TEXAS 78759
ATTORNEY DOCKET NUMBER:	AM21109EH/167-0007
NAME OF SUBMITTER:	PEGGY S. PEPITONE
SIGNATURE:	/Peggy S. Pepitone/
DATE SIGNED:	11/12/2015
Total Attachments: 12	
source=AM21109EH_assignment_Robettson#page1.tif	
source=AM21109EH_assignment_Robettson#page2.tif	
source=AM21109EH_assignment_Robettson#page3.tif	

source=AM21109EH_assignment_Robettson#page4.tif
source=AM21109EH_assignment_Maiolani#page1.tif
source=AM21109EH_assignment_Maiolani#page2.tif
source=AM21109EH_assignment_Maiolani#page3.tif
source=AM21109EH_assignment_Maiolani#page4.tif
source=AM21109EH_assignment_Moran#page1.tif
source=AM21109EH_assignment_Moran#page2.tif
source=AM21109EH_assignment_Moran#page3.tif
source=AM21109EH_assignment_Moran#page4.tif

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **ROBERTSON, Alistair Paul, an individual; MAIOLANI, Mark, an individual; and MORAN, Robert Freddie, an individual**, 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, State of 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 **INTERRUPT CONTROLLED PREFETCHING AND CACHING MECHANISM FOR ENHANCED PROCESSOR THROUGHPUT** (Docket No. **AM21109EH**), 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.

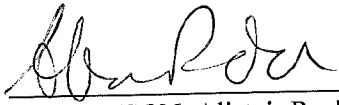
We agree that, when requested, we will, without charge to FREESCALE SEMICONDUCTOR, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for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

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.

AM21109EH

1

PATENT
REEL: 037025 FRAME: 0633



ROBERTSON, Alistair Paul

DATE: November 11, 2015

First Witness



SIGNATURE OF WITNESS

DATE: NOVEMBER 11, 2015
(Month-Day-Year)

ANDREW PETER RUDHALL

PRINTED NAME OF WITNESS

41 VESUVIUS DRIVE, MLI 2EY, U.K.

PRINTED ADDRESS OF WITNESS

Second Witness



SIGNATURE OF WITNESS

DATE: November 11, 2015
(Month-Day-Year)

IAIN ROBERTSON

PRINTED NAME OF WITNESS

33 MILL GATE CRESCENT, ML6 7QY, UK

PRINTED ADDRESS OF WITNESS

MAIOLANI, Mark

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

MORAN, Robert Freddie

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **ROBERTSON, Alistair Paul, an individual; MAIOLANI, Mark, an individual; and MORAN, Robert Freddie, an individual**, 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, State of 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 **INTERRUPT CONTROLLED PREFETCHING AND CACHING MECHANISM FOR ENHANCED PROCESSOR THROUGHPUT** (Docket No. AM21109EH), 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.

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.

AM21109EH

1

ROBERTSON, Alistair Paul

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Mark Maolani

MAIOLANI, Mark

DATE: NOVEMBER - 4 - 2015

First Witness

Mary M Brown

SIGNATURE OF WITNESS

DATE: NOVEMBER - 4 - 2015
(Month-Day-Year)

MARY BROWN

PRINTED NAME OF WITNESS

28 SCHAW DRIVE, BEARSDEN, UK.

PRINTED ADDRESS OF WITNESS

Second Witness

Alan JT Brown

SIGNATURE OF WITNESS

DATE: NOVEMBER - 4 - 2015
(Month-Day-Year)

ALAN JOHN TAYLOR BROWN

PRINTED NAME OF WITNESS

28 SCHAW DRIVE, BEARSDEN, UK.

PRINTED ADDRESS OF WITNESS

MORAN, Robert Freddie

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **ROBERTSON, Alistair Paul, an individual; MAIOLANI, Mark, an individual; and MORAN, Robert Freddie, an individual**, 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, State of 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 **INTERRUPT CONTROLLED PREFETCHING AND CACHING MECHANISM FOR ENHANCED PROCESSOR THROUGHPUT** (Docket No. **AM21109EH**), 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.

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.

AM21109EH

1

ROBERTSON, Alistair Paul

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

MAIOLANI, Mark

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

PRINTED ADDRESS OF WITNESS



MORAN, Robert Freddie

DATE: 11 / 10 / 15

First Witness



SIGNATURE OF WITNESS

DATE: 11 / 10 / 15

(Month-Day-Year)

DANIEL MCKENNA

PRINTED NAME OF WITNESS

97 HILLVIEW DRIVE, CLARESTON, GLASGOW, G76 7JH

PRINTED ADDRESS OF WITNESS

Second Witness



SIGNATURE OF WITNESS

DATE: 11 - 10 - 15

(Month-Day-Year)

DEREK BEATTIE

PRINTED NAME OF WITNESS

7 PERRY DRIVE, GIFFNOCK, GLASGOW G96 6NZ

PRINTED ADDRESS OF WITNESS