PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3045494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFREY W. SCOTT	09/22/2014
WILLIAM C. MOYER	09/23/2014
ALISTAIR P. ROBERTSON	09/24/2014

RECEIVING PARTY DATA

Name:	Freescale Semiconductor, Inc.
Street Address:	6501 William Cannon Drive West
Internal Address:	Law Department
City:	Austin
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14502027

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: 512-895-6979

Email: usadocketing@freescale.com

FREESCALE SEMICONDUCTOR, INC. **Correspondent Name:** Address Line 1: 6501 WILLIAM CANNON DRIVE WEST

Address Line 2: TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	DN31024NH
NAME OF SUBMITTER:	SHANNON WILLIAMS
SIGNATURE:	/Shannon Williams/
DATE SIGNED:	09/30/2014

Total Attachments: 6

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> **PATENT** REEL: 033853 FRAME: 0136 502998894

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PATENT REEL: 033853 FRAME: 0137

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, JEFFREY W. SCOTT, AUSTIN, TX; WILLIAM C. MOYER, AUSTIN, TX; ALISTAIR P. ROBERTSON, AUSTIN, TX; 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 SYSTEMS AND METHODS FOR MANAGING RETURN STACKS IN A MULTI-THREADED DATA PROCESSING SYSTEM (Docket No. DN31024NH), 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.

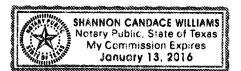
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We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance. STATE OF TEXAS)) COUNTY OF TRAVIS The undersigned Notary Public in and for the County and State aforesaid does hereby certify that JEFFREY W. SCOTT, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth. Given under my hand and notarial seal this 22 day of September My commission expires: **SHANNON CANDACE WILLIAMS** Notary Public, State of Texas My Commission Expires January 13, 2016 WILLIAM C. MOYER STATE OF **TEXAS COUNTY OF TRAVIS**) The undersigned Notary Public in and for the County and State aforesaid does hereby certify that WILLIAM C. MOYER, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the

instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 23 day of September

My commission expires:



ALISTAIR P. ROBERTSON	DATE:	
First Witness	***************************************	100000000000000000000000000000000000000
SIGNATURE OF WITNESS	DATE:(Month-Day	y-Year)
PRINTED NAME OF WITNESS		
PRINTED ADDRESS OF WITNESS		
		000000000000000000000000000000000000000
Second Witness	000000000000000000000000000000000000000	
SIGNATURE OF WITNESS	DATE:(Month-Day	y-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, JEFFREY W. SCOTT, AUSTIN, TX; WILLIAM C. MOYER, AUSTIN, TX; ALISTAIR P. ROBERTSON, AUSTIN, TX; 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 SYSTEMS AND METHODS FOR MANAGING RETURN STACKS IN A MULTI-THREADED DATA PROCESSING SYSTEM (Docket No. DN31024NH), 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.

	DAT	TE:
JEFFREY W. SCOTT	***************************************	
STATE OF TEXAS)	
COUNTY OF TRAVIS)	
that JEFFREY W. SCOTT before me this day in perso instrument as their free and	, whose name is subscrib on and acknowledged that I voluntary act and deed f	unty and State aforesaid does hereby certify ed to the foregoing instrument, appeared they signed, sealed and delivered the for the uses and purposes therein set forth.
My commission expires:		
KEN WELLERSON WITH WILLIAM WITH		Notary Public Signature
WILLIAM C. MOYER	DA'	TE:
:		
STATE OF TEXAS) ``	
COUNTY OF TRAVIS	,	
that WILLIAM C. MOYE before me this day in perso instrument as their free and	R, whose name is subscrion and acknowledged that deed to the deed	unty and State aforesaid does hereby certify bed to the foregoing instrument, appeared they signed, sealed and delivered the for the uses and purposes therein set forth.
My commission expires:		Notary Public Signature

ALISTAIR P. ROBERTSON	DATE: 1-24-201
First Witness	
SIGNATURE OF WITNESS	DATE: <u>O역 - ZŲ - 2014</u> (Month-Day-Year)
DEREL BEATTIE	
PRINTED NAME OF WITNESS	
7 PERCY DRIVE, SLASGOW 946 61	NZ, UK,
PRINTED ADDRESS OF WITNESS	,

Second Witness Jamy Gebie	DATE: <u>09-24-20/4</u>
SIGNATURE OF WITNESS	(Month-Day-Year)
PRINTED NAME OF WITNESS	
16 East Arek Rom Ryst, Helensburgh Printed address of witness	

RECORDED: 09/30/2014