PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mehul D. Shroff	07/31/2013
Douglas M. Reber	07/30/2013
Edward O. Travis	07/30/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13956068

CORRESPONDENCE DATA

Fax Number: 3122910864

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

Phone: 312-291-0860

Email: jpadalino@lsk-iplaw.com

Correspondent Name: Lempia Summerfield Katz LLC

Address Line 1: One North LaSalle Street

Address Line 2: Suite 2900

Address Line 4: Chicago, ILLINOIS 60602

ATTORNEY DOCKET NUMBER:	MF10184TP (012668-13006A)
NAME OF SUBMITTER:	G. Christopher Braidwood
Signature:	/G. Christopher Braidwood/
	PATENT

PATENT REEL: 030921 FRAME: 0104 13956068

CH \$40.00

Date:	08/01/2013
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

PATENT REEL: 030921 FRAME: 0105

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Mehul D. Shroff, Austin, TX, Douglas M. Reber, Austin, TX, and Edward O. Travis, 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 Capping Layer Interface Interruption for Stress Migration Mitigation (Docket No. MF10184TP), 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.

DATE:
Mehul D. Shroff
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Mehul D. Shroff, 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 day of, 2013.
My commission expires:
Notary Public Signature
Douglas M. Reber Douglas M. Reber
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Douglas M. Reber, 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 30day of 2013, 2013.
My commission expires: Out 22, 2017 Notary Public Signature
PATTI CAROL KLUTH My Commission Expires August 22, 2014 2

Edward O. Travis DATE: Lely 30, 2013
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Edward O. Travis, 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 30 day of
PATTI CAROL KLUTH My Commission Expires August 22, 2014

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Mehul D. Shroff, Austin, TX, Douglas M. Reber, Austin, TX, and Edward O. Travis, 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 Capping Layer Interface Interruption for Stress Migration Mitigation (Docket No. MF10184TP), 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.

M824	DATE:	31	JULY	2 <i>ા</i> 3
Mehul D. Shroff				
STATE OF TEXAS)				
COUNTY OF TRAVIS)				
The undersigned Notary Public in and for that Mehul D. Shroff, whose name is subscrithis day in person and acknowledged that the their free and voluntary act and deed for the Given under my hand and notarial seal the My commission expires DEE A. MATOCHA My Commission Expired Cotober 31, 2018	ibed to the force signed, seal uses and purponis day of	egoing i	nstrument, delivered t	appeared before me he instrument as
	DATE:			
Douglas M. Reber				
STATE OF TEXAS)				
COUNTY OF TRAVIS)				
The undersigned Notary Public in and for that Douglas M. Reber, whose name is subso me this day in person and acknowledged tha their free and voluntary act and deed for the Given under my hand and notarial seal th	cribed to the for t they signed, uses and purp	oregoing sealed a oses the	g instrumer and deliver erein set for	nt, appeared before ed the instrument as th.
My commission expires:	No.	otary Pub	lic Signature	

		DATE:	
Edward O. Tra	avis		
STATE OF	TEXAS)	
COUNTY OF	TRAVIS)	
		y Public in and for the County and State a nose name is subscribed to the foregoing i	
mai Lawara C			
me this day in	-	acknowledged that they signed, sealed an et and deed for the uses and purposes there	d delivered the instrument as