PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2761238

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PERRY H. PELLEY	10/01/2013
KEVIN J. HESS	10/07/2013
MICHAEL B. MCSHANE	10/01/2013
TAB A. STEPHENS	10/01/2013

RECEIVING PARTY DATA

Name:	FREESCALE SEMICONDUCTOR, INC.	
Street Address:	6501 WILLIAM CANNON DR.	
Internal Address:	TX30/OE62	
City:	AUSTIN	
State/Country:	TEXAS	
Postal Code:	78735	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14069186

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 via

US Mail.

Phone: 512-895-6979

Email: dee.matocha@freescale.com

Correspondent Name: FREESCALE SEMICONDUCTOR, INC.

Address Line 1: 6501 WILLIAM CANNON DR.

Address Line 2: TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	DN30870TK
NAME OF SUBMITTER:	DEE MATOCHA
SIGNATURE:	/Dee Matocha/
DATE SIGNED:	03/10/2014

Total Attachments: 8

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PATENT REEL: 032397 FRAME: 0372

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PATENT REEL: 032397 FRAME: 0373

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, PERRY H. PELLEY, AUSTIN, TX; KEVIN J. HESS, AUSTIN, TX; MICHAEL B. MCSHANE, AUSTIN, TX and, TAB A. STEPHENS, BUDA, 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 STACKED SEMICONDUCTOR DEVICES (Docket No. DN30870TK), 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.

DN30870TK

We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and
egal representatives, that the interest and property hereby conveyed is free from all prior
ssignment, grant, mortgage, license or other encumbrance.
DATE: COTIZO13
ERRY H. PELLEY
TATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify nat PERRY H. PELLEY, whose name is subscribed to the foregoing instrument, appeared efore me this day in person and acknowledged that they signed, sealed and delivered the astrument 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
ly commission expires: Notary Public Signature

KEVIN J. HESS	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	

MICHAEL B. MCSHANE DATE: 10/1/13
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that MICHAEL B. MCSHANE, 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 October 31, 2018 DEE A. MATOCHA My Commission Expires October 31, 2018 Notary Public Signature
TAB A. STEPHENS DATE: Od. / 203
STATE OF TEXAS) COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that TAB A. STEPHENS, 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 <u>i</u> day of <u>October</u> , 2013.
My commission expires: Notary Public Signature
SHANNON CANDACE WILLIAMS Notary Public, State of Texas My Commission Expires January 13, 2016

PATENT REEL: 032397 FRAME: 0377

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, PERRY H. PELLEY, AUSTIN, TX; KEVIN J. HESS, AUSTIN, TX; MICHAEL B. MCSHANE, AUSTIN, TX and, TAB A. STEPHENS, BUDA, 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 STACKED SEMICONDUCTOR DEVICES (Docket No. DN30870TK), 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.

DN30870TK

legal representatives, that the interest and property	hereby conveyed is free from all prior
assignment, grant, mortgage, license or other encu	mbrance.
Di	ATE:
PERRY H. PELLEY	
STATE OF TEXAS)	
COUNTY OF TRAVIS)	
The undersigned Notary Public in and for the C that PERRY H. PELLEY, whose name is subscrib before me this day in person and acknowledged thinstrument as their free and voluntary act and deed	ed to the foregoing instrument, appeared at they signed, sealed and delivered the
Given under my hand and notarial seal this	day of, 2013.
My commission expires:	

Notary Public Signature

We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and

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and the second of the second o
KEVIN I. HESS
AEVENI, RESS

	Caroley 7	2013
DATE:	10/7/20/3	

First Witness	
SIGNATURE OF WITNESS	DATE: OCTOBER 7, Zo(3 (Month-Day-Year)
LUCIO PESSOA PRINTED NAME OF WITNESS	
2403 L(TTLE CREEK CV, C	EDAY PAYE, TY 7863

Second Witness			***************************************
Caba Beaus	nate:	0 C 70 BE12	7,20/3
SIGNATURE OF WITNESS	DM (E	(Month-Day-Yea	ar)
CARLOS A. GREAVES			
PRINTED NAME OF WITNESS			
2001 PECOS AUSTIN NC	74707		
PRINTED ADDRESS OF WITNESS			

	DATE:
MICHAEL B. MCSHANE	
STATE OF TEXAS)	
COUNTY OF TRAVIS)	
that MICHAEL B. MCSHANE, whose nambefore me this day in person and acknowled instrument as their free and voluntary act an	r the County and State aforesaid does hereby certify se is subscribed to the foregoing instrument, appear liged that they signed, scaled and delivered the sid deed for the uses and purposes therein set forth, hisday of, 2013.
My commission expires:	Notary Public Signature
TAB A. STEPHENS	DATE:
STATE OF TEXAS)	
COUNTY OF TRAVIS)	
certify that TAB A. STEPHENS, whose nar appeared before me this day in person and a the instrument as their free and voluntary ac	nd for the County and State aforesaid does hereby me is subscribed to the foregoing instrument, cknowledged that they signed, scaled and delivered and deed for the uses and purposes therein set for this day of, 2013,
·	, wo x o x
My commission expires:	Notary Public Signature

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