502824568 05/27/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANK K. BAKER JR.	05/20/2014
PERRY H. PELLEY	05/27/2014
RAVINDRARAJ RAMARAJU	05/16/2014

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:	14287463

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: dee.matocha@freescale.com

FREESCALE SEMICONDUCTOR, INC. **Correspondent Name:**

Address Line 1: 6501 WILLIAM CANNON DR.

Address Line 2: TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	AM21002MC	
NAME OF SUBMITTER:	DEE MATOCHA	
SIGNATURE:	/Dee Matocha/	
DATE SIGNED:	05/27/2014	

Total Attachments: 3

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PATENT REEL: 032965 FRAME: 0514

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, FRANK K. BAKER, JR., AUSTIN, TX; PERRY H. PELLEY, AUSTIN, TX; and, RAVINDRARAJ RAMARAJU, ROUND ROCK, 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 NON-VOLATILE MEMORY USING BI-DIRECTIONAL RESISTIVE ELEMENTS (Docket No. AM21002MC), 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.

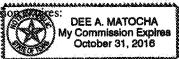
legal representatives, that the interest and property hereby conveyed is free from all prior
assignment, grant, mortgage, license or other encumbrance.
Frend 9 Bolles On DATE: 5/20/2014
FRANK K. BAKER, JR.
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that FRANK K. BAKER, JR., 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
PERRY H. PELLEY DATE: 5/27/2024
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that PERRY H. PELLEY, 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
My commission DEE A. MATOCHA My Commission Expires October 31, 2018

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

	DATE:
RAVINDRARAJ RAMARAJU	•
STATE OF TEXAS)	
STATE OF TEXAS	
)	
COUNTY OF TRAVIS)	

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that RAVINDRARAJ RAMARAJU, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered

My commiss



Notary Public Signature