

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JON S. CHOY</td> <td>01/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	JON S. CHOY	01/17/2013
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JON S. CHOY	01/17/2013				
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					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13746841</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13746841
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Application Number:	13746841				
CORRESPONDENCE DATA					
Fax Number:	5128956630				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
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:	AI20214MC				
NAME OF SUBMITTER:	Dee Matocha				
Total Attachments: 2 source=AI20214MC-Assignment#page1.tif source=AI20214MC-Assignment#page2.tif					

CH \$40.00 13746841

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **JON S. CHOY, 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 an improvement in **SYSTEMS AND METHODS FOR ADAPTIVE SOFT PROGRAMMING FOR NON-VOLATILE MEMORY USING TEMPERATURE SENSOR** (Docket No. **AI20214MC**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the date indicated by my signature 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.

I 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 I 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.

I 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 the Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **FREESCALE SEMICONDUCTOR, INC.**

I agree that, when requested, I 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.

I 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.

Jon S. Chooy
JON S. CHOY

DATE: 17 Jan 2013

STATE OF TEXAS)
)
COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that JON S. CHOY 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 17TH day of JANUARY, 2013.

My commission expires:

Patricia Thomas
Notary Public Signature

