

## 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>Ertugrul Demircan</td> <td>05/29/2012</td> </tr> <tr> <td>Mehul D. Shroff</td> <td>05/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ertugrul Demircan	05/29/2012	Mehul D. Shroff	05/23/2012				
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Mehul D. Shroff	05/23/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Freescall Semiconductor, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>6501 William Cannon Drive West</td> </tr> <tr> <td>City:</td> <td>Austin</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>78735</td> </tr> </table>		Name:	Freescall Semiconductor, Inc.	Street Address:	6501 William Cannon Drive West	City:	Austin	State/Country:	TEXAS	Postal Code:	78735
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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>13484328</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13484328						
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CORRESPONDENCE DATA											
<p>Fax Number: (512)343-6446          Phone: 512-343-6116          Email: arellano@yudellisidore.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Yudell Isidore Ng Russell PLLC          Address Line 1: 8911 N. Capital of Texas Hwy.,          Address Line 2: Suite 2110          Address Line 4: Austin, TEXAS 78759</p>											
ATTORNEY DOCKET NUMBER:	MT11815TS										
NAME OF SUBMITTER:	Michael R. Long										
<p>Total Attachments: 3          source=MT11815TS_Assignment#page1.tif          source=MT11815TS_Assignment#page2.tif          source=MT11815TS_Assignment#page3.tif</p>											

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**PATENT  
ASSIGNMENT AND AGREEMENT**

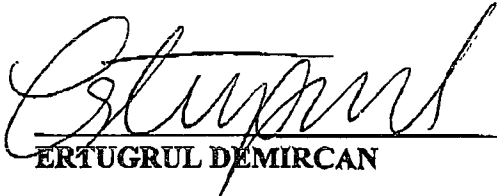
For good and valuable consideration, the receipt of which is hereby acknowledged, we, **ERTUGRUL DEMIRCAN**, of Austin, Texas, and **MEHUL D. SHROFF** of Austin, Texas, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **FREESCALE SEMICONDUCTOR, INC.**, a corporation 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 in and to certain inventions relating to improvements in **TECHNIQUES FOR ELECTROMIGRATION STRESS DETERMINATION IN INTERCONNECTS OF AN INTEGRATED CIRCUIT** (Docket No. MT11815TS), 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, 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, 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.

  
ERTUGRUL DEMIRCAN


DATE: 29/May/2012

  
WITNESS SIGNATURE

JONATHAN D. ELLIS  
WITNESS PRINTED NAME

DATE: 5/29/2012

11119 CALLANISH PARK DR., AUSTIN, TX 78750  
WITNESS ADDRESS

  
WITNESS SIGNATURE

SURYA VEERARAGHAVAN  
WITNESS PRINTED NAME

DATE: 5/29/2012

2700 GREENLEE DRIVE, AUSTIN, TX 78703  
WITNESS ADDRESS

MEHUL D. SHROFF

DATE: May 23, 2012

MEHUL D. SHROFF

STATE OF TEXAS )  
COUNTY OF TRAVIS )

The undersigned Notary Public in and for the County and State aforesaid, do 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 23<sup>RD</sup> day of MAY, 2012.

My commission expires:



Patricia Thomas  
Notary Public Signature

PATRICIA THOMAS  
Printed Name of Notary Public