

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>Thang M. Tran</td> <td>09/24/2012</td> </tr> <tr> <td>Edmund J. Gieske</td> <td>09/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thang M. Tran	09/24/2012	Edmund J. Gieske	09/24/2012				
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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>13630346</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13630346						
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CORRESPONDENCE DATA											
<p>Fax Number: 5123436446 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5123436116 Email: ramdeen@yudellisidore.com 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:	NM46171HH										
NAME OF SUBMITTER:	Craig J. Yudell										
<p>Total Attachments: 3 source=N46171HH_Assignment10-01-12#page1.tif source=N46171HH_Assignment10-01-12#page2.tif source=N46171HH_Assignment10-01-12#page3.tif</p>											

CH \$40.00 13630346

ASSIGNMENT AND AGREEMENT


For good and valuable consideration, the receipt of which is hereby acknowledged, we, **THANG M. TRAN OF AUSTIN, TEXAS AND EDMUND J. GIESKE OF CEDAR PARK, 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 for the United States of America in and to certain inventions relating to improvements in **TECHNIQUES FOR UTILIZING TRANSACTION LOOKASIDE BUFFER ENTRY NUMBERS TO IMPROVE PROCESSOR PERFORMANCE** (Docket No. **NM46171HH**), 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.

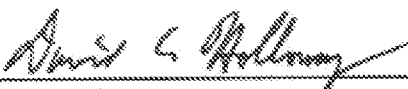
We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **FREESCALE SEMICONDUCTOR, INC.**, for the sole use and benefit of **FREESCALE SEMICONDUCTOR, INC.**, its 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.


THANG M. TRAN DATE: 9/24/2012

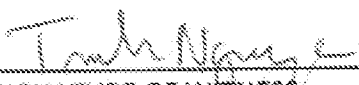
First Witness


SIGNATURE OF WITNESS DATE: 09/24/2012
(Month-Day-Year)

David C. Holloway
PRINTED NAME OF WITNESS

1320 Whippoorwill Drive, Cedar Park, TX 78613
PRINTED ADDRESS OF WITNESS

Second Witness


SIGNATURE OF WITNESS DATE: 9/24/2012
(Month-Day-Year)

TRINH NGUYEN
PRINTED NAME OF WITNESS

2736 Plantation Dr, Round Rock, TX 78681
PRINTED ADDRESS OF WITNESS

Edmund J. Gieske
EDMUND J. GIESKE

DATE: 9/24/12

First Witness

Trinh Nguyen
SIGNATURE OF WITNESS

DATE: 9/24/2012
(Month-Day-Year)

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