

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>MEHUL D. SHROFF</td> <td>09/26/2012</td> </tr> <tr> <td>DOUGLAS M. REBER</td> <td>09/28/2012</td> </tr> <tr> <td>EDWARD O. TRAVIS</td> <td>09/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	MEHUL D. SHROFF	09/26/2012	DOUGLAS M. REBER	09/28/2012	EDWARD O. TRAVIS	09/28/2012				
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<table border="1"> <tr> <td>Name:</td> <td>FREESCALE SEMICONDUCTOR, INC.</td> </tr> <tr> <td>Street Address:</td> <td>6501 WILLIAM CANNON DR.</td> </tr> <tr> <td>Internal Address:</td> <td>TX30/OE62</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:	FREESCALE SEMICONDUCTOR, INC.	Street Address:	6501 WILLIAM CANNON DR.	Internal Address:	TX30/OE62	City:	AUSTIN	State/Country:	TEXAS	Postal Code:	78735
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 5128956630 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>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</p>													
ATTORNEY DOCKET NUMBER:	FS40323TP												
NAME OF SUBMITTER:	Dee Matocha												
Total Attachments: 8													

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MEHUL D. SHROFF, AUSTIN, TX; DOUGLAS M. REBER, AUSTIN, TX; and, EDWARD O. TRAVIS, 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 improvements in **VIA PLACEMENT AND ELECTRONIC CIRCUIT DESIGN PROCESSING METHOD AND ELECTRONIC CIRCUIT DESIGN UTILIZING SAME** (Docket No. FS40323TP), 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.


MEHUL D. SHROFF

DATE: 26 SEPT., 2012

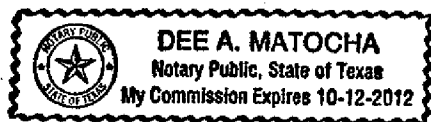
STATE OF TEXAS)
)
COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid does 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 26th day of September, 2012.

My commission expires:


Notary Public Signature



DOUGLAS M. REBER

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

EDWARD O. TRAVIS

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)

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MEHUL D. SHROFF, AUSTIN, TX; DOUGLAS M. REBER, AUSTIN, TX; and, EDWARD O. TRAVIS, 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 improvements in **VIA PLACEMENT AND ELECTRONIC CIRCUIT DESIGN PROCESSING METHOD AND ELECTRONIC CIRCUIT DESIGN UTILIZING SAME** (Docket No. FS40323TP), 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.

 MEHUL D. SHROFF
 DATE: _____
 STATE OF TEXAS)
)
 COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid does 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 ____ day of _____, 2012.

My commission expires:

 Notary Public Signature


DOUGLAS M. REBERDATE: 28 SEPTEMBER 2012First Witness
SIGNATURE OF WITNESSDATE: SEPTEMBER 28, 2012
(Month-Day-Year)PAUL A BOSKER
PRINTED NAME OF WITNESS7105 MARIAN LUBIS DR. AUSTIN, TX
PRINTED ADDRESS OF WITNESS
78718Second WitnessLuana Johnson
SIGNATURE OF WITNESSDATE: Sept 28, 2012
(Month-Day-Year)Luana Johnson
PRINTED NAME OF WITNESS2405 Caparzo Dr. Cedar Park, TX 78613
PRINTED ADDRESS OF WITNESS

Edward O. Travis
EDWARD O. TRAVIS

DATE: Sept 28, 2012

First Witness

[Signature]
SIGNATURE OF WITNESS

DATE: SEPTEMBER 28, 2012
(Month-Day-Year)

ARUL A. PRACE
PRINTED NAME OF WITNESS

9105 MIDCOTT DR AUSTIN, TX 78758
PRINTED ADDRESS OF WITNESS

Second Witness

Luana Johnson
SIGNATURE OF WITNESS

DATE: Sept 28, 2012
(Month-Day-Year)

Luana Johnson
PRINTED NAME OF WITNESS

2506 Caparzo Dr Austin, TX 78703
PRINTED ADDRESS OF WITNESS