

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Douglas M. Reber</td> <td>05/30/2013</td> </tr> <tr> <td>Mehul D. Shroff</td> <td>05/28/2013</td> </tr> <tr> <td>Edward O. Travis</td> <td>05/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Douglas M. Reber	05/30/2013	Mehul D. Shroff	05/28/2013	Edward O. Travis	05/30/2013
Name	Execution Date								
Douglas M. Reber	05/30/2013								
Mehul D. Shroff	05/28/2013								
Edward O. Travis	05/30/2013								
RECEIVING PARTY DATA									
Name:	Freescale Semiconductor, Inc.								
Street Address:	6501 William Cannon Drive West								
Internal Address:	Law Department								
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>13907119</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13907119				
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Application Number:	13907119								
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:	usadocketing@freescale.com								
Correspondent Name:	Freescale Semiconductor, Inc.								
Address Line 1:	6501 William Cannon Drive West								
Address Line 2:	TX30/OE62								
Address Line 4:	Austin, TEXAS 78735								
ATTORNEY DOCKET NUMBER:	MT12211TP								
NAME OF SUBMITTER:	Shannon Williams								
Signature:	/Shannon Williams/								

PATENT

Date:	05/31/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p>Total Attachments: 8 source=MT12211TP-US-Assignment#page1.tif source=MT12211TP-US-Assignment#page2.tif source=MT12211TP-US-Assignment#page3.tif source=MT12211TP-US-Assignment#page4.tif source=MT12211TP-US-Assignment#page5.tif source=MT12211TP-US-Assignment#page6.tif source=MT12211TP-US-Assignment#page7.tif source=MT12211TP-US-Assignment#page8.tif</p>	

PATENT

ASSIGNMENT AND AGREEMENT


For good and valuable consideration, the receipt of which is hereby acknowledged, we, DOUGLAS M. REBER, AUSTIN, TX; MEHUL D. SHROFF, 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 METHOD FOR FORMING AN ELECTRICAL CONNECTION BETWEEN METAL LAYERS (Docket No. MT12211TP), 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.

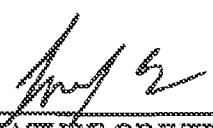
We agree that, when requested, we will, without charge to FREESCALE SEMICONDUCTOR, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for 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.


DOUGLAS M. REBER

DATE: MAY 30, 2013

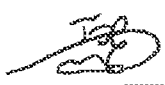
First Witness


SIGNATURE OF WITNESS

DATE: May 30, 2013
(Month-Day-Year)

JANDEE KANG
PRINTED NAME OF WITNESS

Second Witness


SIGNATURE OF WITNESS

DATE: May 30, 2013
(Month-Day-Year)

Francis P. Muehle
PRINTED NAME OF WITNESS

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 _____, 2013.

My commission expires:

Notary Public Signature

Edward O. Travis
EDWARD O. TRAVIS

DATE: May 30, 2013

First Witness

Jandeep Kang
SIGNATURE OF WITNESS

DATE: May 30, 2013
(Month-Day-Year)

JANDEEP KANG
PRINTED NAME OF WITNESS

Second Witness

Francois L. Musulin
SIGNATURE OF WITNESS

DATE: May 30 2013
(Month-Day-Year)

Francois L. Musulin
PRINTED NAME OF WITNESS

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DOUGLAS M. REBER, AUSTIN, TX; MEHUL D. SHROFF, 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 **METHOD FOR FORMING AN ELECTRICAL CONNECTION BETWEEN METAL LAYERS** (Docket No. **MT12211TP**), 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.

DOUGLAS M. REBER

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

Mehul D. Shroff
MEHUL D. SHROFF

DATE: 28 MAY 2013

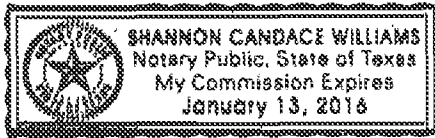
STATE OF TEXAS)
)
COUNTY OF TRAVIS)

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 28 day of May, 2013.

My commission expires:

Shannon Candace Williams
Notary Public Signature



EDWARD O. TRAVIS

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS