

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>Chetan Verma</td> <td>10/09/2012</td> </tr> <tr> <td>Piyush Kumar Mishra</td> <td>10/09/2012</td> </tr> <tr> <td>Ashish Sharma</td> <td>10/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chetan Verma	10/09/2012	Piyush Kumar Mishra	10/09/2012	Ashish Sharma	10/09/2012
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Chetan Verma	10/09/2012								
Piyush Kumar Mishra	10/09/2012								
Ashish Sharma	10/09/2012								
RECEIVING PARTY DATA									
Name:	Freescal 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>13665917</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13665917				
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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@freescal.com								
Correspondent Name:	Dee Matocha								
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Address Line 2:	TX30/OE62								
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ATTORNEY DOCKET NUMBER:	AC50591AC								
NAME OF SUBMITTER:	Eileen Zhou								
Total Attachments: 4 source=AC50591AC-US-20121010-ASSIGNMENT#page1.tif source=AC50591AC-US-20121010-ASSIGNMENT#page2.tif source=AC50591AC-US-20121010-ASSIGNMENT#page3.tif source=AC50591AC-US-20121010-ASSIGNMENT#page4.tif									

CH \$40.00 13665917

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **CHETAN VERMA, PIYUSH KUMAR MISHRA AND ASHISH SHARMA, ALL OF INDIA**, 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 **MEMORY DEVICE REDUNDANCY MANAGEMENT SYSTEM** (Docket No. **AC50591AC**), 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.

Chetan Verma
CHETAN VERMA

DATE: 09 Oct., 2012

First Witness

Shailesh Kumar
SIGNATURE OF WITNESS

DATE: 10-09-2012
(Month-Day-Year)

SHAILESH KUMAR
PRINTED NAME OF WITNESS
F-009, NIHO SCOTTISH GARDEN, AHINSA KHAND-II
INDRAPURAM, HAZIABAD, UP, 201014
PRINTED ADDRESS OF WITNESS

Second Witness

Azeem
SIGNATURE OF WITNESS

DATE: OCT-09-2012
(Month-Day-Year)

AZEEM HASAN
PRINTED NAME OF WITNESS
A-69, FIRST FLOOR, Street No-6, New Delhi-25
PRINTED ADDRESS OF WITNESS

Piyush Kumar Mishra
PIYUSH KUMAR MISHRA

DATE: 09 Oct 2012

First Witness

Shailish Kumar
SIGNATURE OF WITNESS

DATE: 10-09-2012
(Month-Day-Year)

SHAILESH KUMAR
PRINTED NAME OF WITNESS

F-003, NIHO SCOTTISH GARDEN, AHINSA KRAND-II
INDRAPURAM, GHAZIABAD, UP, 201014
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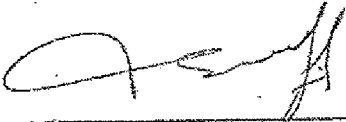
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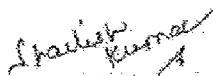
AZEEM HASAN
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PRINTED ADDRESS OF WITNESS


ASHISH SHARMA

DATE: 10/09/2012

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