

## 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>Sanjoy K. Dey</td> <td>04/04/2011</td> </tr> <tr> <td>Michael T. Berens</td> <td>03/18/2011</td> </tr> <tr> <td>James R. Feddeler</td> <td>03/21/2011</td> </tr> <tr> <td>Vikram Varma</td> <td>04/04/2011</td> </tr> </tbody> </table>		Name	Execution Date	Sanjoy K. Dey	04/04/2011	Michael T. Berens	03/18/2011	James R. Feddeler	03/21/2011	Vikram Varma	04/04/2011		
Name	Execution Date												
Sanjoy K. Dey	04/04/2011												
Michael T. Berens	03/18/2011												
James R. Feddeler	03/21/2011												
Vikram Varma	04/04/2011												
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>Internal Address:</td> <td>Law Department</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	Internal Address:	Law Department	City:	Austin	State/Country:	TEXAS	Postal Code:	78735
Name:	Freescall 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>13901590</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13901590								
Property Type	Number												
Application Number:	13901590												
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: USADOCKETING@freescall.com</p> <p>Correspondent Name: Dee Matocha        Address Line 1: 6501 William Cannon Drive West        Address Line 2: TX30/OE62        Address Line 4: Austin, TEXAS 78735</p>													
ATTORNEY DOCKET NUMBER:	AC50269AC-C01												
NAME OF SUBMITTER:	Charles Bergere												

CH \$40.00 13901590

Signature:	/ charles bergere /
Date:	05/24/2013
<b>Total Attachments: 5</b> source=AC50269AC-US-20110405-ASSIGNMENT#page1.tif source=AC50269AC-US-20110405-ASSIGNMENT#page2.tif source=AC50269AC-US-20110405-ASSIGNMENT#page3.tif source=AC50269AC-US-20110405-ASSIGNMENT#page4.tif source=AC50269AC-US-20110405-ASSIGNMENT#page5.tif	

## PATENT ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Sanjoy K. Dey of India, Michael T. Berens and James R. Feddeler of the U.S.A., and Vikram Varma 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 **METHOD AND APPARATUS FOR SELF-TEST OF SUCCESSIVE APPROXIMATION REGISTER (SAR) A/D CONVERTER** (Docket No. **AC50269AC**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the dates indicated by my signature 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.

I 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 I 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.

I 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 I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to FREESCALE SEMICONDUCTOR, INC.

I agree that, when requested, I 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.

AC50269AC

1

AC50269AC

I 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.

Sanjoy K. Dey  
Sanjoy K. Dey

DATE: 4/4/2011

**First Witness**

[Signature]  
WITNESS

DATE: 4/4/2011

K. Santilal Melan  
NAME OF WITNESS

**Second Witness**

[Signature]  
WITNESS

DATE: 4/4/2011

CHSHANK SINGH  
NAME OF WITNESS

Michael T. Berens  
Michael T. Berens

DATE: 3/18/11

First Witness  
Alfredo Olmos  
WITNESS  
DATE: 3/21/2011  
ALFREDO OLHOS  
NAME OF WITNESS

Second Witness  
Brent W Macha  
WITNESS  
DATE: 3/21/2011  
BRENT W MACHA  
NAME OF WITNESS

James R. Feddeler  
James R. Feddeler

DATE: Mar 21, 2011

First Witness

Scott H. Herrin  
WITNESS

DATE: 3/21/2011

SCOTT H. HERRIN  
NAME OF WITNESS

Second Witness

Michael E. Gladden  
WITNESS

DATE: 3/21/2011

MICHAEL E. GLADDEN  
NAME OF WITNESS

AC50269AC

Vikram Varma  
Vikram Varma

DATE: 04-04-2011

**First Witness**

[Signature]  
WITNESS

DATE: 04-04-2011

K. Senthilvelan  
NAME OF WITNESS

**Second Witness**

[Signature]  
WITNESS

DATE: 04-04-2011

SUSHANK SINGH  
NAME OF WITNESS

AC50269AC  
5

PATENT

RECORDED: 05/24/2013

REEL: 030479 FRAME: 0450