

## PATENT ASSIGNMENT

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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>Lipeng Cao</td> <td>04/05/2012</td> </tr> <tr> <td>Carol G. Pyron</td> <td>04/05/2012</td> </tr> <tr> <td>Kenneth R. Burch</td> <td>04/05/2012</td> </tr> <tr> <td>Ramon V. Enriquez</td> <td>04/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Lipeng Cao	04/05/2012	Carol G. Pyron	04/05/2012	Kenneth R. Burch	04/05/2012	Ramon V. Enriquez	04/05/2012
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Lipeng Cao	04/05/2012										
Carol G. Pyron	04/05/2012										
Kenneth R. Burch	04/05/2012										
Ramon V. Enriquez	04/05/2012										
RECEIVING PARTY DATA											
Name:	Freescale Semiconductor, Inc.										
Street Address:	6501 William Cannon Drive West										
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>13444195</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13444195						
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Application Number:	13444195										
CORRESPONDENCE DATA											
Fax Number:	(512)345-7225										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	HAMILTON & TERRILE, LLP - FREESCALE										
Address Line 1:	P.O. BOX 203518										
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ATTORNEY DOCKET NUMBER:	NM46122HC										
NAME OF SUBMITTER:	Michael Rocco Cannatti										
Total Attachments: 5											

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, LIPENG CAO, CAROL G. PYRON, KENNETH R. BURCH, and RAMON V. ENRIQUEZ, 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 HIGH PRECISION SINGLE EDGE CAPTURE AND DELAY MEASUREMENT CIRCUIT (Docket No. NM46122HC) 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.

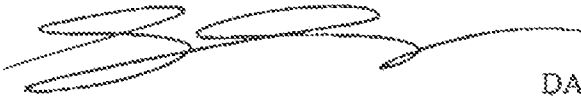
We agree that, when requested, we will, without charge to FREESCALE SEMICONDUCTOR, INC., but at its expense, sign all papers, take all rightful oaths, and

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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.



DATE: 04/05/2012

LIPENG CAO

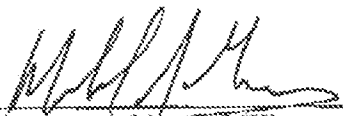


DATE: 4/5/12

Signature of First Witness

Name: JAVIER PRADO

Address: 10104 HOSTA COVE  
AUSTIN, TX 78750



DATE: 4/5/12

Signature of Second Witness

Name: MICHAEL GARCIA

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<sup>CGP</sup>  
Carol G. Pyron  
CAROL G. PYRON

DATE: Apr 5, 2012

[Signature]  
Signature of First Witness

DATE: 4/5/12

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Kenneth R. Burch  
KENNETH R. BURCH

DATE: 4-5-2012

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Signature of Second Witness

DATE: 4/5/12

Name: MICHAEL GARCIA


Address: 16539 INDIAN WOODS  
AUSTIN TX 78723

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REEL: 028027 FRAME: 0492

  
RAMON V. ENRIQUEZ

DATE: 4/5/2012

  
Signature of First Witness

DATE: 4/5/12

Name: JAVIER PRADO

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AUSTIN, TX 78750

  
Signature of Second Witness

DATE: 4/5/12

Name: MICHAEL GARCIA

Address: 10539 INSIGO BLVD  
AUSTIN, TX 78733

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