

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>Ravindraraj Ramaraju</td><td>03/10/2011</td></tr><tr><td>Shayan Zhang</td><td>03/10/2011</td></tr><tr><td>Kenneth R. Burch</td><td>03/10/2011</td></tr><tr><td>Charles E. Seaberg</td><td>03/10/2011</td></tr><tr><td>Andrew C. Russell</td><td>03/10/2011</td></tr></tbody></table>		Name	Execution Date	Ravindraraj Ramaraju	03/10/2011	Shayan Zhang	03/10/2011	Kenneth R. Burch	03/10/2011	Charles E. Seaberg	03/10/2011	Andrew C. Russell	03/10/2011
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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
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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>13045294</td></tr></tbody></table>		Property Type	Number	Application Number:	13045294								
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Application Number:	13045294												
CORRESPONDENCE DATA													
Fax Number: (512)996-6854 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 512-996-6839													
Email: pat.thomas@freescall.com													
Correspondent Name: Pat Thomas													
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Address Line 2: TX32/PL02													
Address Line 4: Austin, TEXAS 78729													
ATTORNEY DOCKET NUMBER:	NM45904HC												

501468478

PATENT
REEL: 025963 FRAME: 0463

CH \$40.00 13045294

NAME OF SUBMITTER:

Pat Thomas

Total Attachments: 10

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **RAVINDRARAJ RAMARAJU, ROUND ROCK, TEXAS; SHAYAN ZHANG, AUSTIN, TEXAS; KENNETH R. BURCH, AUSTIN, TEXAS; CHARLES E. SEABERG, AUSTIN, TEXAS; and, ANDREW C. RUSSELL, AUSTIN, TEXAS**, 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 VOLTAGE REGULATOR WITH LEAKAGE CURRENT VOLTAGE CONTROL** (Docket No. **NM45904HC**), 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.

P. Ravindraraj DATE: 03/10/2011
RAVINDRARAJ RAMARAJU

STATE OF Texas)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Ravindraraj Ramaraju, 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 10TH day of MARCH, 2011.

My commission expires:



Patricia Thomas
Notary Public Signature

Shayan Zhang DATE: 03/10/2011
SHAYAN ZHANG

STATE OF Texas)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Shayan Zhang, 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 10TH day of MARCH, 2011.

My commission expires:



Patricia Thomas
Notary Public Signature

Kenneth R. Burch
KENNETH R. BURCH

DATE: 3-10-2011

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Kenneth R. Burch, 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 10TH day of MARCH, 2011.

My commission expires:



Patricia Thomas
Notary Public Signature

CHARLES E. SEABERG

DATE: _____

First Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

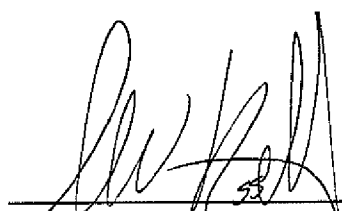
PRINTED NAME OF WITNESS

Second Witness

SIGNATURE OF WITNESS

DATE: _____
(Month-Day-Year)

PRINTED NAME OF WITNESS



ANDREW C. RUSSELL

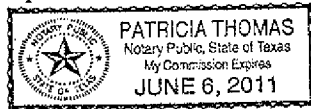
DATE: 3/10/11

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Andrew C. Russell, 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 10TH day of MARCH, 2011.

My commission expires:





Notary Public Signature

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **RAVINDRARAJ RAMARAJU, ROUND ROCK, TEXAS; SHAYAN ZHANG, AUSTIN, TEXAS; KENNETH R. BURCH, AUSTIN, TEXAS; CHARLES E. SEABERG, AUSTIN, TEXAS; and, ANDREW C. RUSSELL, AUSTIN, TEXAS**, 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 VOLTAGE REGULATOR WITH LEAKAGE CURRENT VOLTAGE CONTROL** (Docket No. NM45904HC), 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.

RAVINDRARAJ RAMARAJU

DATE: _____

STATE OF Texas)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Ravindraraj Ramaraju, 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 _____, 2011.

My commission expires:

Notary Public Signature

SHAYAN ZHANG

DATE: _____

STATE OF Texas)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Shayan Zhang, 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 _____, 2011.

My commission expires:

Notary Public Signature

KENNETH R. BURCH

DATE: _____

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Kenneth R. Burch, 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 _____, 2011.

My commission expires:

Notary Public Signature

Charles E. Seaberg
CHARLES E. SEABERG

DATE: MARCH 10, 2011

First Witness

Otto Gomez
SIGNATURE OF WITNESS

DATE: March 10, 2011
(Month-Day-Year)

Octavio Gonzalez
PRINTED NAME OF WITNESS

Second Witness

J. D. Garza
SIGNATURE OF WITNESS

DATE: 03/10/2011
(Month-Day-Year)

JOAN D. GARZA
PRINTED NAME OF WITNESS

ANDREW C. RUSSELL

DATE: _____

STATE OF Texas)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Andrew C. Russell, 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 _____, 2011.

My commission expires:

Notary Public Signature