

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>Brian C. Grayson</td> <td>10/04/2012</td> </tr> <tr> <td>Jyotsna S. Kartha</td> <td>10/04/2012</td> </tr> <tr> <td>Kathryn C. Stacer</td> <td>09/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Brian C. Grayson	10/04/2012	Jyotsna S. Kartha	10/04/2012	Kathryn C. Stacer	09/28/2012
Name	Execution Date								
Brian C. Grayson	10/04/2012								
Jyotsna S. Kartha	10/04/2012								
Kathryn C. Stacer	09/28/2012								
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>13645050</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13645050				
Property Type	Number								
Application Number:	13645050								
CORRESPONDENCE DATA									
Fax Number:	5124397199								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 4:	Austin, TEXAS 78759								
ATTORNEY DOCKET NUMBER:	NM46286HH								
NAME OF SUBMITTER:	J. Gustav Larson								
Total Attachments: 8									

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PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Brian C. Grayson** of Austin, TX; **Jyotsna S. Kartha** of Austin, TX; and **Kathryn C. Stacer** of Round Rock, 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 **OPPORTUNISTIC CACHE REPLACEMENT POLICY** (Docket No. **NM46286HH**), 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 therefore 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.**

PATENT

Jyotsna S. Kartha

Jyotsna S. Kartha

10/4/2012

Date

----- Notary Use Below -----

State of Texas
County of Travis

On October 4, 2012, Jyotsna S. Kartha, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.



(seal)

WITNESS my hand and official seal.

Jill Green
Signature of Notary

PATENT

Kathryn C. Stacer

Date

Witnesses for Inventor:

First Witness:

Signature

Date (Month-Day-Year)

Full Name (printed)

Address (Street, City, State, Zip)

Second Witness:

Signature

Date (Month-Day-Year)

Full Name (printed)

Address (Street, City, State, Zip)

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Brian C. Grayson** of Austin, TX; **Jyotsna S. Kartha** of Austin, TX; and **Kathryn C. Stacer** of Round Rock, 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 **OPPORTUNISTIC CACHE REPLACEMENT POLICY** (Docket No. **NM46286HH**), 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.

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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.

Brian C. Grayson

Date

----- *Notary Use Below* -----

State of _____
County of _____

On _____, **Brian C. Grayson**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

WITNESS my hand and official seal.

(seal)

Signature of Notary

Jyotsna S. Kartha

Date

----- *Notary Use Below* -----

State of _____
County of _____

On _____, **Jyotsna S. Kartha**, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

WITNESS my hand and official seal.

(seal)

Signature of Notary

