

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>DAVID G. ABDOO</td> <td>03/28/2012</td> </tr> <tr> <td>MATTHEW W. BROCKER</td> <td>03/28/2012</td> </tr> <tr> <td>STEVEN D. MILLMAN</td> <td>03/28/2012</td> </tr> <tr> <td>THOMAS E. TKACIK</td> <td>03/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	DAVID G. ABDOO	03/28/2012	MATTHEW W. BROCKER	03/28/2012	STEVEN D. MILLMAN	03/28/2012	THOMAS E. TKACIK	03/28/2012
Name	Execution Date										
DAVID G. ABDOO	03/28/2012										
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STEVEN D. MILLMAN	03/28/2012										
THOMAS E. TKACIK	03/28/2012										
RECEIVING PARTY DATA											
Name:	FREESCALE SEMICONDUCTOR, INC.										
Street Address:	6501 WILLIAM CANNON DR.										
Internal Address:	TX30/OE62										
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>13436074</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13436074						
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Application Number:	13436074										
CORRESPONDENCE DATA											
Fax Number:	(512)895-6630										
Phone:	512-895-6979										
Email:	dee.matocha@freescale.com										
<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:	FREESCALE SEMICONDUCTOR, INC.										
Address Line 1:	6501 WILLIAM CANNON DR.										
Address Line 2:	TX30/OE62										
Address Line 4:	AUSTIN, TEXAS 78735										
ATTORNEY DOCKET NUMBER:	NM46250ZC										
NAME OF SUBMITTER:	Dee Matocha										

CH \$40.00 13436074

Total Attachments: 5

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DAVID G. ABDOO, GILBERT, AZ; MATTHEW W. BROCKER, GILBERT, AZ; STEVEN D. MILLMAN, GILBERT, AZ; and, THOMAS E. TKACIK, PHOENIX, AZ,** 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 **RANDOM VALUE PRODUCTION METHODS AND SYSTEMS** (Docket No. NM46250ZC), 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.



DAVID G. ABDOO

DATE: MARCH 28, 2012

First Witness



SIGNATURE OF WITNESS

DATE: 3/28/2012
(Month-Day-Year)

MARTIN DORR

PRINTED NAME OF WITNESS

Second Witness



SIGNATURE OF WITNESS

DATE: March-28-2012
(Month-Day-Year)

ANDREW SZEUCZYK

PRINTED NAME OF WITNESS

Matthew W. Brocker
MATTHEW W. BROCKER

DATE: MARCH 28, 2012

First Witness

Adolph Seema
SIGNATURE OF WITNESS

DATE: March 28 2012
(Month-Day-Year)

Adolph Seema
PRINTED NAME OF WITNESS

Second Witness

John Greninger
SIGNATURE OF WITNESS

DATE: 28 MARCH 2012
(Month-Day-Year)

JOHN GRENINGER
PRINTED NAME OF WITNESS



STEVEN D. MILLMAN

DATE: MARCH 28, 2012

First Witness



SIGNATURE OF WITNESS

DATE: MARCH 28, 2012
(Month-Day-Year)

STEVEN E. CORNELIUS

PRINTED NAME OF WITNESS

Second Witness



SIGNATURE OF WITNESS

DATE: 28 March 2012
(Month-Day-Year)

MICHAEL J. TORCIA

PRINTED NAME OF WITNESS

Thomas E. Tkacik
THOMAS E. TKACIK

DATE: MARCH 28, 2012

First Witness

Martin Dorr
SIGNATURE OF WITNESS

DATE: MARCH/28/2012
(Month-Day-Year)

MARTIN DORR
PRINTED NAME OF WITNESS

Second Witness

Andrew SzeWCzyk
SIGNATURE OF WITNESS

DATE: March-28-2012
(Month-Day-Year)

ANDREW SZEWCZYK
PRINTED NAME OF WITNESS