

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>CHARLES LEROY SOBCHAK</td><td>12/19/2008</td></tr><tr><td>MAHIBUR RAHMAN</td><td>12/16/2008</td></tr></tbody></table>	Name	Execution Date	CHARLES LEROY SOBCHAK	12/19/2008	MAHIBUR RAHMAN	12/16/2008	
Name	Execution Date						
CHARLES LEROY SOBCHAK	12/19/2008						
MAHIBUR RAHMAN	12/16/2008						
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>12339787</td></tr></tbody></table>	Property Type	Number	Application Number:	12339787			
Property Type	Number						
Application Number:	12339787						
CORRESPONDENCE DATA							
Fax Number:	(561)989-9812						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	5619899811						
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Correspondent Name:	FLEIT GIBBONS GUTMAN BONGINI & BIANCO PL						
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ATTORNEY DOCKET NUMBER:	350-P0019						
NAME OF SUBMITTER:	JEFFREY N. GIUNTA						
Total Attachments: 6 source=CP41896ZC_ASSIGNMENT_12-22-08#page1.tif source=CP41896ZC_ASSIGNMENT_12-22-08#page2.tif							

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PATENT

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PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Charles LeRoy Sobchak of Davie, Florida and Mahibur Rahman of Chandler, Arizona** 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 MULTIRATE RESAMPLING AND FILTERING SYSTEM AND METHOD (Docket No. CP41896ZC), 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 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 us 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.

CP41896ZC

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PATENT

REEL: 022014 FRAME: 0022

PATENT

Charles LeRoy SOBCHAK
Charles LeRoy SOBCHAK

DATE: 12/19/08

STATE OF Florida)
COUNTY OF Broward) SS

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that CHARLES LEROY SOBCHAK whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

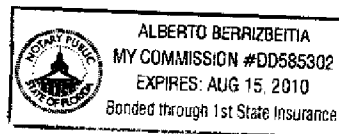
Given under my hand and notarial seal this 19th day of December, 2008

My commission expires:

Aug. 15th, 2010

[Signature]
Notary Public Signature

Alberto Berrizbeitia
Printed Name of Notary Public



CP41896ZC

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PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Charles LeRoy Sobchak of Davie, Florida and Mahibur Rahman of Chandler, Arizona** 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 MULTIRATE RESAMPLING AND FILTERING SYSTEM AND METHOD (Docket No. CP41896ZC), 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 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 us 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.

CP41896ZC

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PATENT

REEL: 022014 FRAME: 0025

PATENT

Charles LeRoy SOBCHAK

DATE: _____

STATE OF)
COUNTY OF) SS
)

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that CHARLES LEROY SOBCHAK whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this ____ day of _____, 2008

My commission expires:

Notary Public Signature

Printed Name of Notary Public

CP41896ZC

2

PATENT



Mahibur RAHMAN

DATE:

12/16/08

STATE OF ARIZONA)

COUNTY OF MARICOPA)

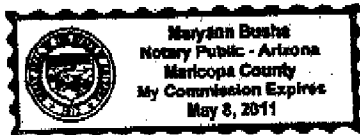
) SS

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that MAHIBUR RAHMAN whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16 day of DECEMBER, 2008

My commission expires:

MAY 8, 2011


Notary Public SignatureMARYANN BUSHA
Printed Name of Notary Public

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PATENT

RECORDED: 12/22/2008

REEL: 022014 FRAME: 0027