

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ning Chen	10/09/2008
Ahsan Aziz	10/09/2008
Leo G. Dehner	10/09/2008
Taeyoon Kim	10/09/2008

RECEIVING PARTY DATA

Name:	Freescall Semiconductor, Inc.
Street Address:	6501 William Cannon Drive West
City:	Austin
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12250613

CORRESPONDENCE DATA

Fax Number: (512)343-6446
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 512-343-6116
Email: beck@dillonyudell.com
Correspondent Name: Dillon & Yudell LLP
Address Line 1: 8911 N. Capital of Texas Hwy., Suite 2110
Address Line 4: Austin, TEXAS 78759

ATTORNEY DOCKET NUMBER:

CP41888TCX

NAME OF SUBMITTER:

Michael R. Long

Total Attachments: 4

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PATENT

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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, **NING CHEN**, of Austin, Texas, **AHSAN U AZIZ** of Austin, Texas, **LEO G. DEHNER**, of Austin, Texas and **TAEYOON KIM** of 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 in and to certain inventions relating to improvements in **TECHNIQUES FOR IMPROVING CHANNEL ESTIMATION AND TRACKING IN A WIRELESS COMMUNICATION SYSTEM** (Docket No. CP41888TCX), 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, 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, 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.


NING CHEN

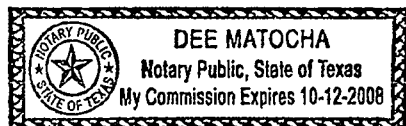
DATE: 10/9/2008


STATE OF TEXAS)
)
COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that NING CHEN, 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 9 day of October, 2008.

My commission expires:




Notary Public Signature
Dee Matocha
Printed Name of Notary Public

Ahsan U Aziz

AHSAN U AZIZ

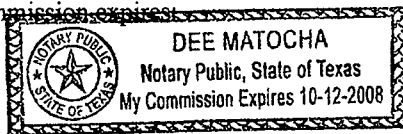
DATE: 10-9-2008

STATE OF TEXAS)
)
 COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that AHSAN U AZIZ, 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 9th day of October, 2008.

My commission expires:

Dee Matocha

Notary Public Signature

Dee Matocha

Printed Name of Notary Public

Leo G. Dehner

LEO G. DEHNER

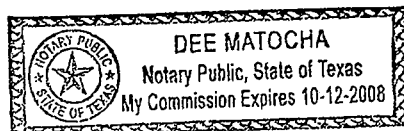
DATE: 10-9-2008

STATE OF TEXAS)
)
 COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that LEO G. DEHNER, 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 9th day of October, 2008.

My commission expires:

Dee Matocha

Notary Public Signature

Dee Matocha

Printed Name of Notary Public


TAEYOON KIMDATE: 10/9/2008

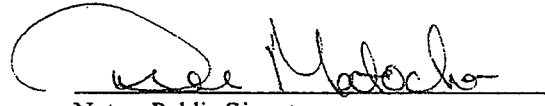
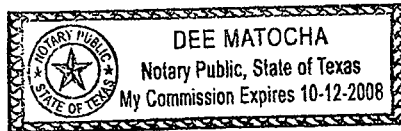
STATE OF TEXAS)

COUNTY OF TRAVIS)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that TAEYOON KIM, 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 9th day of October, 2008.

My commission expires:


Notary Public Signature
Dee Matocha
Printed Name of Notary Public