

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bing Xu	09/28/2007
Pravin Premakanthan	09/28/2007
Clive Tang	09/28/2007
Mahibur Rahman	09/28/2007
RECEIVING PARTY DATA	
Name:	Freescall Semiconductor, Inc.
Street Address:	6501 Williams Cannon Drive West
City:	Austin
State/Country:	TEXAS
Postal Code:	78735
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11864519
CORRESPONDENCE DATA	
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Correspondent Name:	Ingrassia, Fisher & Lorenz, P.C,
Address Line 1:	7150 E. Camelback Road Suite 325
Address Line 4:	Scottsdale, ARIZONA 85251
ATTORNEY DOCKET NUMBER:	WM41604ZH (038.0348)
NAME OF SUBMITTER:	Sherry W. Schumm
<p>Total Attachments: 5</p> <p>source=Assignment#page1.tif</p>	

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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, **Bing Xu, Gilbert, ARIZONA; Pravin Premakanthan, Chandler, ARIZONA; Clive Tang, Chandler, ARIZONA; and Mahibur Rahman, Lake Worth, FLORIDA**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto FREESCALE SEMICONDUCTOR, INC., a corporation 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 **GAIN CONTROL METHODS FOR WIRELESS DEVICES AND TRANSMITTERS** (Docket No. **WM41604ZH**), 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 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.

PATENT

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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.

Bing Xu  
Bing Xu

DATE: 9/28/2007

STATE OF ARIZONA )  
COUNTY OF MARICOPA )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bing Xu, 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.

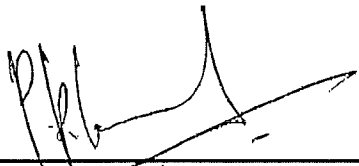
Given under my hand and notarial seal this 28 day of Sept, 2007.

My commission expires: Aug 4, 2011



Maggie Marx  
Notary Public Signature

Maggie Marx  
Printed Name of Notary Public

  
\_\_\_\_\_  
Pravin Premakanthan

DATE: Sep 28, 2007

STATE OF ARIZONA     )  
                                  )ss  
COUNTY OF MARICOPA    )

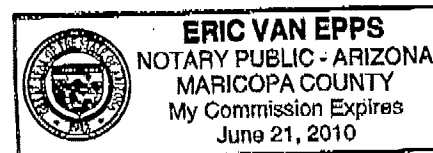
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Pravin Premakanthan, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 28<sup>th</sup> day of Sept., 2007.

My commission expires: 6/21/2010

  
\_\_\_\_\_  
Notary Public Signature

Eric Van Epps  
\_\_\_\_\_  
Printed Name of Notary Public



C. Tang  
Clive Tang

DATE: 9-28-07

STATE OF ARIZONA       )  
                                  )ss  
COUNTY OF MARICOPA   )

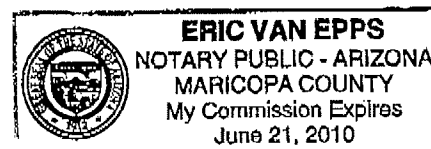
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Clive Tang, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act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

Given under my hand and notarial seal this 28<sup>th</sup> day of Sept., 2007.

My commission expires: 6/21/2010

[Signature]  
Notary Public Signature

Eric Van Epps  
Printed Name of Notary Public



Mahibur Rahman  
Mahibur Rahman

DATE: 9/28/07.

STATE OF FLORIDA )  
COUNTY OF Maricopa )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Mahibur Rahman, 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 28 day of Sept., 2007.

My commission expires: Aug 4, 2011

Maggie Marx  
Notary Public Signature

Maggie Marx  
Printed Name of Notary Public

