

# PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Paul W. Sanders</td><td>08/09/2010</td></tr> <tr><td>Wayne R. Burger</td><td>08/09/2010</td></tr> <tr><td>Thuy B. Dao</td><td>08/11/2010</td></tr> <tr><td>Joel E. Keys</td><td>08/12/2010</td></tr> <tr><td>Michael F. Petras</td><td>08/09/2010</td></tr> <tr><td>Robert A. Pryor</td><td>08/09/2010</td></tr> <tr><td>Xiaowei Ren</td><td>08/09/2010</td></tr> </tbody> </table>		Name	Execution Date	Paul W. Sanders	08/09/2010	Wayne R. Burger	08/09/2010	Thuy B. Dao	08/11/2010	Joel E. Keys	08/12/2010	Michael F. Petras	08/09/2010	Robert A. Pryor	08/09/2010	Xiaowei Ren	08/09/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>Freescall Semiconductor, Inc.</td></tr> <tr><td>Street Address:</td><td>6501 Williams Cannon Drive West</td></tr> <tr><td>City:</td><td>Austin</td></tr> <tr><td>State/Country:</td><td>TEXAS</td></tr> <tr><td>Postal Code:</td><td>78735</td></tr> </table>		Name:	Freescall Semiconductor, Inc.	Street Address:	6501 Williams Cannon Drive West	City:	Austin	State/Country:	TEXAS	Postal Code:	78735						
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<b>CORRESPONDENCE DATA</b>																	
<p>Fax Number: (480)385-5061</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: mburbank@ifllaw.com</p> <p>Correspondent Name: Ingrassia, Fisher &amp; Lorenz, P.C.</p> <p>Address Line 1: 7010 E. Cochise Road</p> <p>Address Line 4: Scottsdale, ARIZONA 85253</p>																	
ATTORNEY DOCKET NUMBER:	RA48606ZP																
NAME OF SUBMITTER:	Sherry W. Schumm																

CH \$40.00 12855479

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**PATENT**  
**REEL: 024958 FRAME: 0746**

Total Attachments: 8

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Paul W. Sanders, Scottsdale, ARIZONA; Wayne R. Burger, Phoenix, ARIZONA; Thuy B. Dao, Austin, TEXAS; Joel E. Keys, Austin, TEXAS; Michael F. Petras, Phoenix, ARIZONA; Robert A. Pryor, Mesa, ARIZONA; and Xiaowei Ren, Phoenix, ARIZONA**, 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 **MONOLITHIC MICROWAVE INTEGRATED CIRCUIT** (Docket No. **RA48606ZP**), 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.

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.

Paul W Sanders  
Paul W. Sanders

DATE: 8/9/2010

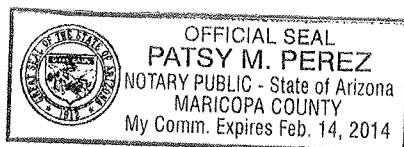
STATE OF ARIZONA )  
 )ss  
COUNTY OF MARICOPA )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul W. Sanders, 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 August, 2010.

My commission expires: 2-14-2014

Patsy M Perez  
Notary Public Signature  
Patsy M Perez  
Printed Name of Notary Public



Wayne R Burger  
Wayne R. Burger

DATE: 8/9/10

STATE OF ARIZONA       )  
                                      )ss  
COUNTY OF MARICOPA    )

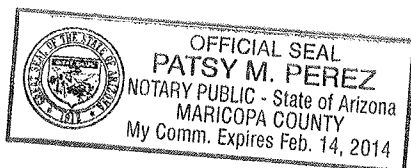
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Wayne R. Burger, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 9 day of August, 2010.

My commission expires:

2-14-2014

Patsy M. Perez  
Notary Public Signature  
Patsy M. Perez  
Printed Name of Notary Public



Thuy B. Dao  
Thuy B. Dao

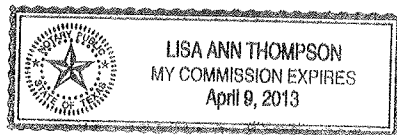
DATE: 8/11/10

STATE OF TEXAS           )  
  )ss  
COUNTY OF Travis    )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Thuy B. Dao, 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 11<sup>th</sup> day of August, 2010.

My commission expires: 04/09/13



Lisa Ann Thompson  
Notary Public Signature

Lisa Ann Thompson  
Printed Name of Notary Public

Joel E. Keys  
Joel E. Keys

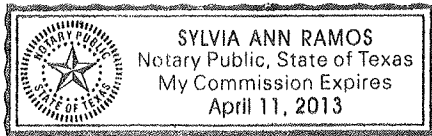
DATE: 12 AUG 2010

STATE OF TEXAS           )  
  )ss  
COUNTY OF TRAVIS    )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Joel E. Keys, 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 12 day of August, 2010.

My commission expires:



Sylvia Ann Ramos  
Notary Public Signature

SYLVIA ANN RAMOS  
Printed Name of Notary Public

Michael F. Petras  
Michael F. Petras

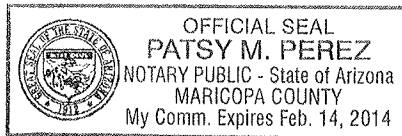
DATE: 8/9/10

STATE OF ARIZONA       )  
  )ss  
COUNTY OF MARICOPA    )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Michael F. Petras, 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 August, 2010.

My commission expires: 2-14-2014



Patsy M. Perez  
Notary Public Signature  
Patsy M. Perez  
Printed Name of Notary Public



Robert A. Pryor  
Robert A. Pryor

DATE: 08-09-2010

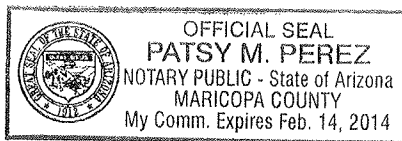
STATE OF ARIZONA       )  
                                  )ss  
COUNTY OF MARICOPA   )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert A. Pryor, 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 August, 2010.

My commission expires: 2-14-2014

Patsy M. Perez  
Notary Public Signature  
Patsy M. Perez  
Printed Name of Notary Public



Xiaowei Ren  
Xiaowei Ren

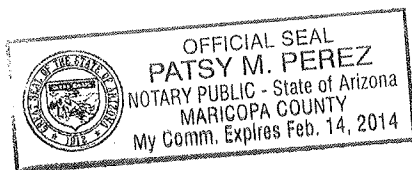
DATE: 8-9-10

STATE OF ARIZONA       )  
                                  )ss  
COUNTY OF MARICOPA   )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Xiaowei Ren, 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 August, 2010.

My commission expires: 2-14-2014



Patsy M. Perez  
Notary Public Signature  
Patsy M. Perez  
Printed Name of Notary Public