# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Thomas D. Cook	06/25/2010
Jeffrey C. Cunningham	06/25/2010
Karthik Ramanan	06/25/2010

### RECEIVING PARTY DATA

Name:	Freescale Semiconductor, Inc.	
Street Address:	6501 William Cannon Drive West	
Internal Address:	Law Department	
City:	Austin	
State/Country:	TEXAS	
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# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12823487

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	Ryan S. Davidson

Total Attachments: 3

PATENT REEL: 024595 FRAME: 0119 40 00 128234

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# ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s)

# Thomas D. Cook Jeffrey C. Cunningham Karthik Ramanan

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Thomas D. Cook, Jeffrey C. Cunningham, and Karthik Ramanan, 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, 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 REFRESH OPERATION DURING LOW POWER MODE CONFIGURATION (Docket No. AC50313TS), 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 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 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.

This assignment is executed on the date(s) of which the Inventors have signed.

Inventors:	6-25-10
Thomas D. Cook	Date:
State of TWO County of TWO S	
Before me personally appeared said inventor and ackrefree act and deed this day of	owledge the foregoing instrument to be his/her
free act and deed this day of 4	100 Jan
Seal	711100
TARY ALL TENTH	(Notary)

Myldel	25 dn 2010
Jeffres C. Cunningham	Date
State of TOON County of TOONS	
Before me personally appeared said inventor and acknowledge from the said inventor and acknowled	owledge the foregoing instrument to be his/her
Laghel	06/25/2010
Karthik Ramanan	Date
State of County of TWWS	
Before me personally appeared said inventor and acknowledge act and deed this	owledge the foregoing instrument to be his/her
EXPIRES TO THE PARTY OF THE PAR	

**RECORDED: 06/25/2010**