

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Thomas D. Cook	06/25/2010
Jeffrey C. Cunningham	06/25/2010
Karthik Ramanan	06/25/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Freescale Semiconductor, Inc.
<b>Street Address:</b>	6501 William Cannon Drive West
<b>Internal Address:</b>	Law Department
<b>City:</b>	Austin
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78735
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12823487
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)439-7199
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	512-439-7100
<b>Email:</b>	mtaylor@LNAlaw.com
<b>Correspondent Name:</b>	Larson Newman & Abel, LLP
<b>Address Line 1:</b>	5914 West Courtyard Drive
<b>Address Line 2:</b>	Suite 200
<b>Address Line 4:</b>	Austin, TEXAS 78730
<b>ATTORNEY DOCKET NUMBER:</b>	AC50313TS
<b>NAME OF SUBMITTER:</b>	Ryan S. Davidson
Total Attachments: 3	

**CH \$40.00 12823487**

**501215949**

**PATENT  
 REEL: 024595 FRAME: 0119**

source=AC50313TS Assignment#page1.tif  
source=AC50313TS Assignment#page2.tif  
source=AC50313TS Assignment#page3.tif

**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.

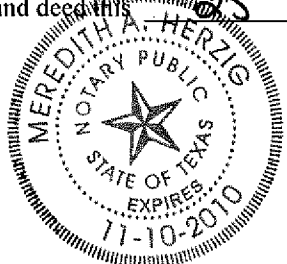
We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application,



Jeffrey C. Cunningham      25th 2010  
Date

State of Texas  
County of TARRANT


Before me personally appeared said inventor and acknowledge the foregoing instrument to be his/her free act and deed this 25 day of June, 2010

Seal  M. Herzig  
(Notary)

Karthik Ramanan      06/25/2010  
Date

State of Texas  
County of TARRANT

Before me personally appeared said inventor and acknowledge the foregoing instrument to be his/her free act and deed this 25 day of June, 2010

Seal  M. Herzig  
(Notary)