

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Krishna Thakur	01/04/2012
RECEIVING PARTY DATA	
Name:	Freescall Semiconductor, Inc.
Street Address:	6501 William Cannon Drive West
Internal Address:	Law Department
City:	Austin
State/Country:	TEXAS
Postal Code:	78735
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13343719
CORRESPONDENCE DATA	
Fax Number:	(512)895-6630
Phone:	512-895-6979
Email:	USADOCKETING@freescall.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Pat Thomas
Address Line 1:	6501 William Cannon Drive West
Address Line 2:	TX30/OE62
Address Line 4:	Austin, TEXAS 78735
ATTORNEY DOCKET NUMBER:	AC50351AC
NAME OF SUBMITTER:	Charles Bergere
Total Attachments: 2 source=AC50351AC-USA-20120104-ASSIGNMENT#page1.tif source=AC50351AC-USA-20120104-ASSIGNMENT#page2.tif	

CH \$40.00 13343719

## PATENT ASSIGNMENT AND AGREEMENT

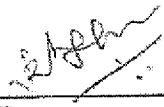
For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Krishna THAKUR of INDIA**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto FREESCALE SEMICONDUCTOR, INC., a corporation of the State of Delaware, having its principal office in Austin, State of Texas, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **SELF-TRACKING ADAPTIVE BANDWIDTH PHASE-LOCKED LOOP** (Docket No. AC50351AC), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the dates indicated by my signature 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.

I 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 I 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.

I 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 I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to FREESCALE SEMICONDUCTOR, INC.

I agree that, when requested, I 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.

I 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.

  
\_\_\_\_\_  
Krishna THAKUR

DATE: 04/01/2012


**First Witness**

  
\_\_\_\_\_  
WITNESS

DATE: 04/01/12

Deependra Jain (B252)  
NAME OF WITNESS

**Second Witness**

  
\_\_\_\_\_  
WITNESS

DATE: 04/01/12

Ravi Dixit (B15314)  
NAME OF WITNESS