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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKHIL JAIN	12/10/2014
ARVIND KAUSHIK	12/10/2014
AMRIT P. SINGH	12/10/2014
PETER Z. RASHEV	12/11/2014

RECEIVING PARTY DATA

Name:	Freescale Semiconductor, Inc.	
Street Address:	6501 William Cannon Drive West	
Internal Address:	Law Department	
City:	Austin	
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Postal Code:	78735	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14591930

CORRESPONDENCE DATA

Fax Number: (512)895-6630

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NAME OF SUBMITTER: CASS	
1	IE YE
SIGNATURE: /Cassi	e Ye/
DATE SIGNED: 01/08/	2015

Total Attachments: 5

PATENT REEL: 034658 FRAME: 0389 source=RF50103RC-US-20141212-ASSIGNMENT#page1.tif source=RF50103RC-US-20141212-ASSIGNMENT#page2.tif source=RF50103RC-US-20141212-ASSIGNMENT#page3.tif source=RF50103RC-US-20141212-ASSIGNMENT#page4.tif source=RF50103RC-US-20141212-ASSIGNMENT#page5.tif

> PATENT REEL: 034658 FRAME: 0390

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, NIKHIL JAIN, ARVIND KAUSHIK, AND AMRIT P. SINGH, ALL OF INDIA, AND PETER Z. RASHEV OF CANADA, 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 SYSTEM FOR COMPENSATING FOR I/O IMPAIRMENTS IN WIRELESS COMMUNICATION

SYSTEM (Docket No. RF50103RC), 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 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

1

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.

DATE: 12-10-2014

First Witness

SIGNATURE OF WITNESS

DATE: 12-10-2014

(Month-Day-Year)

Ritesh Jain

FREESCALE INDIA PVT. LTD. PLOT 18, SECTOR-16A, FILM CITY NOIDA, UTTARPRADESH, 201301

Second Witness

SIGNATURE OF

DATE: 12-10-2014

(Month-Day-Year)

Sourav Roy

FREESCALE INDIA PVT. LTD. PLOT 18, SECTOR-16A, FILM CITY NOIDĂ, UTTARPRADESH, 201301

ARVIND KAUSHIK

DATE: 12-10-2014

First Witness

SIGNATURE OF WITNESS

DATE: 12-10-2014 (Month-Day-Year)

Ritesh Jain

FREESCALE INDIA PVT. LTD. PLOT 18, SECTOR-16A, FILM CITY NOIDA, UTTARPRADESH, 201301

Second Witness

SIGNATURE OF WITNESS

DATE: 12-10-2014

(Month-Day-Year)

Sourav Roy

FREESCALE INDIA PVT. LTD. PLOT 18, SECTOR-16A, FILM CITY NOIDA, UTTARPRADESH, 201301



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Ritesh Jain

FREESCALE INDIA PVT. LTD. PLOT 18, SECTOR-16A, FILM CITY NOIDA, UTTARPRADESH, 201301

Second Witness

SIGNATURE OF WITNESS

DATE: 12-10-2014 (Month-Day-Year)

Souray Roy

FREESCALE INDIA PVT. LTD. PLOT 18, SECTOR-16A, FILM CITY NOIDA, UTTARPRADESH, 201301

Peter z. rashev	DATE: Dec 11/2014
First Witness	

First Witness
SIGNATURE OF WITNESS DATE: <u>Pcc. 11, 2014</u> (Month-Day-Year)
Di Niana Rasheva Printed name of witness
109 Tuscany Meadows Cres, NW; Calgary, AB, T3L2V6 PRINTED ADDRESS OF WITNESS

Second Witness	***************************************
Hana Dec 11 2014 SIGNATURE DEWITNESS DATE: Dec 11 2014 (Month-Day-Year)	
Hanan Bassyouni PRINTED NAME OF WITNESS 97 Tuscany Meadows Crescent, Calgary, AB T3L 2V6 PRINTED ADDRESS OF WITNESS	