503104044 12/17/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIREMBE A. MUSISI-NKAMBWE	12/16/2014
MARTIN J. BAYER	12/16/2014
JEFFREY A. PORTER	12/16/2014

RECEIVING PARTY DATA

Name:	FREESCALE SEMICONDUCTOR, INC.
Street Address:	6501 WILLIAM CANNON DRIVE, LAW DEPARTMENT
Internal Address:	MD: TX30/OE62
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14572778

CORRESPONDENCE DATA

Fax Number: (888)633-0102

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 888-491-5630

vdavis@themasongroup.net Email:

THE MASON GROUP PATENT SPECIALISTS LLC F **Correspondent Name:**

Address Line 1: 2300 MCDERMOTT RD

Address Line 2: **SUITE 253**

Address Line 4: PLANO, TEXAS 75025

ATTORNEY DOCKET NUMBER:	DN31116NC
NAME OF SUBMITTER:	VALERIE M. DAVIS
SIGNATURE:	/VALERIE M. DAVIS/
DATE SIGNED:	12/17/2014

Total Attachments: 4

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> **PATENT** REEL: 034522 FRAME: 0581 503104044

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PATENT REEL: 034522 FRAME: 0582

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, MIREMBE A. MUSISI-NKAMBWE, CHANDLER, AZ; MARTIN J. BAYER, GILBERT, AZ; JEFFREY A. PORTER, GILBERT, AZ 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 METHOD AND APPARATUS FOR COMPENSATING FOR A LOSS OF LOW-FREQUENCY SIGNAL CONTENT OF AN INPUT SIGNAL AT A RECEIVER INPUT (Docket No. DN31116NC), 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 the inventions in any and all countries and for vesting title thereto in FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives or nominees.

Docket No. DN31116NC

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. -NKambur DATE: 12/16/2014 First Witness DATE: 12 - 16 - 2015 (Month-Day-Year) SIGNATURE OF WITNESS PRINTED NAME OF WITNESS ZGIS MELRA ST GILREFT AZ 8523? PRINTED ADDRESS OF WITNESS Second Witness DATE: /2-/20/9/ SIGNATURE-OF WITNESS (Month-Day-Year) PRINTED NAME OF WITNESS

> -2-Docket No. DN31116NC

1200 N. Alma School Cherdles A.

MARTIN J. BATER	DATE: 12-16-2014
First Witness SIGNATURE OF WITNESS	DATE: パンー/もっとの/ (Month-Day-Year)
PRINTED NAME OF WITNESS 261 S MELIZA ST GILLETT PRINTED ADDRESS OF WITNESS	A2 85737

Second Witness	
SIGNATURE OF WITNESS	DATE: <u>/& - /6 - 2014</u> (Month-Day-Year)
	(World - Day- rear)
PRINTED NAME OF WITNESS	
1200 N. Alma Schol Charle	, 2/12
PRINTED ADDRESS OF WITNESS	

JEFFREY A. FORTER	DATE: <u>DELEMBER 16, 20</u> 14
First Witness	
SIGNATURE OF WITNESS	DATE: 12 - 16 - 2019 (Month-Day-Year)
VIKAS VITA	
PRINTED NAME OF WITNESS	
2615 MELSA ST GILSERT PRINTED ADDRESS OF WITNESS	A2 85237

Second Witness		
SIGNATURE OF WITNESS	DATE: /2-/	5-20/5/ v-Year)
Emery Gedeen	(month) Du	y (our)
PRINTEĎ NAME OF WITNESS		
1200 NAIMS Shal CARAMOM2 PRINTED ADDRESS OF WITNESS		

-4-Docket No. DN31116NC

RECORDED: 12/17/2014