PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3994536

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRUCE M. GREEN	06/20/2014
ENVER KRVAVAC	06/20/2014
JOSEPH STAUDINGER	06/20/2014

RECEIVING PARTY DATA

Name:	Freescale 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:	15229312

CORRESPONDENCE DATA

Fax Number: (512)895-6630

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: 512-895-6979

Email: sheena.hicks@nxp.com

FREESCALE SEMICONDUCTOR, INC. **Correspondent Name:** Address Line 1: 6501 WILLIAM CANNON DRIVE WEST

Address Line 2: TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	RF50041RC-US02
NAME OF SUBMITTER:	SHEENA HICKS
SIGNATURE:	/Sheena Hicks/
DATE SIGNED:	08/05/2016

Total Attachments: 8

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PATENT REEL: 039352 FRAME: 0723

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, BRUCE M. GREEN, GILBERT, AZ; ENVER KRVAVAC, LAKE ZURICH, IL; and, JOSEPH STAUDINGER, 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 DEVICES WITH SIGNAL CHARACTERISTIC DEPENDENT CONTROL CIRCUITRY AND METHODS OF OPERATION THEREFOR (Docket No. RF50041RC), 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.

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.

Mu m. Mcon DATE: 20 JUNE 2014

First Witness

DATE: 06 - 20 - 2014 (Month-Day-Year)

1881 W Pelican Dr., Chandler, AZ 85286 PRINTED ADDRESS OF WITNESS

Second Witness

DATE: Twe 2004 2014
SIGNATURE OF WITNESS DATE: (Month-Day-Year)

PRINTED NAME OF WITNESS

3102 E. HINGOLVIEW, PHUDVIX /AZ STOYS PRINTED ADDRESS OF WITNESS

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JOSEPH STAUDINGER	— DATE: <u> </u>
First Witness	
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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.

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Enver Krvavac	DATE: June - 20 - 2014
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SIGNATURE OF WITNESS	DATE: Jun 8-20-14 (Month-Day-Year)
Teffrey A. Frei PRINTED NAME OF WITNESS 18. Elm St. Hawthorn LO PRINTED ADDRESS OF WITNESS	oods, IL 60047

Second Witness	
SIGNATURE OF WITNESS	DATE: June 20, 2014 (Month-Day-Year)
Joseph G. Schultz PRINTED NAME OF WITNESS	
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JOSEPH STAUDINGER First Witness	DATE:	
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