PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Min Ding	09/23/2013
Tim V. Pham	09/23/2013

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:	14035999

CORRESPONDENCE DATA

Fax Number: 5128956630

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 512-895-6979

Email: usadocketing@freescale.com

Correspondent Name: Freescale Semiconductor, Inc.

Address Line 1: 6501 William Cannon Drive West

Address Line 2: TX30/OE62

Address Line 4: Austin, TEXAS 78735

ATTORNEY DOCKET NUMBER:	MT12198TK
NAME OF SUBMITTER:	Shannon Williams
Signature:	/Shannon Williams/
	PATENT

PATENT REEL: 031309 FRAME: 0152 140

Date:	09/30/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=MT12198TK-US-Assignment#page1.tif source=MT12198TK-US-Assignment#page2.tif	

PATENT REEL: 031309 FRAME: 0153

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, MIN DING, AUSTIN, TEXAS; and TIM V. PHAM, AUSTIN, TEXAS; 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 PACKAGE ENCAPSULANT RELIEF

FEATURE (Docket No. MT12198TK), 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.

.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: 9/23/20/3
MIN DING DATE:
STATE OF TEXAS)
COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that MIN DING, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth. Given under my hand and notarial seal this 2 day of 4 day of
20. Cadaa/200.
SHANNON CANDACE WILLIAMS Notary Public Signature Notary Public Signature My Commission Expires January 13, 2016
$\frac{1}{\text{TIM V. PHAM}} \text{DATE:} \frac{9/23/3}{}$
STATE OF TEXAS) COUNTY OF TRAVIS)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that TIM V. PHAM, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth. Given under my hand and notarial seal this 23 day of
My commission expires: Notary Public Signature Notary Public Signature
SHANNON CANDACE WILLIAMS Notary Public, State of Texas My Commission Expires January 13, 2016

PATENT REEL: 031309 FRAME: 0155