502038171 08/27/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRASHANT U. KENKARE	04/30/2009
TROY L. COOPER	04/30/2009
ANDREW C. RUSSELL	04/30/2009
SHAYAN ZHANG	04/30/2009

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12433330

CORRESPONDENCE DATA

Fax Number: 5128956630 Phone: 512-895-6979

Email: dee.matocha@freescale.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: FREESCALE SEMICONDUCTOR, INC.

Address Line 1: 6501 WILLIAM CANNON DR.

Address Line 2: TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	NM45551HC
NAME OF SUBMITTER:	Dee Matocha

Total Attachments: 3

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PATENT

REEL: 028852 FRAME: 0214

12433330

CH \$40.00

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, PRASHANT U. KENKARE, AUSTIN, TEXAS; TROY L. COOPER, AUSTIN, TEXAS; ANDREW C. RUSSELL, AUSTIN, TEXAS and SHAYAN ZHANG, 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 INTEGRATED CIRCUIT HAVING MEMORY REPAIR INFORMATION STORAGE AND METHOD THEREFOR (Docket No. NM45551HC), 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.

PATENT REEL: 028852 FRAME: 0215 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.

PRASHANT U. KENKARE	DATE:	04/30/09
STATE OF Texas) COUNTY OF WILLIAMSON) The undersigned Notary Public in and for t that Prashant U. Kenkare, whose name is subseme this day in person and acknowledged that the state of th	scribed to the	foregoing instrument, appeared before
their free and voluntary act and deed for the use Given under my hand and notarial seal this My commission Expires May 14, 2011	ses and purposes 30th day of	oses therein set forth.
TROYL. COOPER STATE OF Texas COUNTY OF WILLIAMSON	DATE:	04/30/2009
The undersigned Notary Public in and for t	•	

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that Troy L. Cooper, 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 30th day of April, 2009.

My commission expires:

STACIE HERRERA

Notary Public, State of Texas

My Commission Expires

May 14, 2011

Notary Public Signature

ANDREW C. RUSSELL	DATE: 4/36/09
STATE OF Texas)	
COUNTY OF WILLIAMSON)	

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that Andrew C. Russell, 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 30th day of April , 2009.

My commission expires:

Notary Public Signature

Notary Public Signature

Notary Public Signature

Notary Public Signature

SHAYAN ZHANG

DATE: 4/30/09

STATE OF Texas

COUNTY OF WILLIAMSON

COUNTY OF WILLIAMSON

The undersigned Notary Public in and for the County and State aforesaid, does hereby certify that Shayan Zhang, 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 30th day of April ______, 2009.

My commission expires:

STACIE HERRERA

Notary Public, State of Texas

My Commission Expires

May 14, 2011

Notary Public Signature