

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BERNARD F. ST-DENIS	09/22/2015
ADI KATZ	09/24/2015
JOHN F. PILLAR	09/22/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FREESCALE SEMICONDUCTOR, INC.
<b>Street Address:</b>	6501 WILLIAM CANNON DRIVE WEST
<b>City:</b>	AUSTIN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78735
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14863715
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)347-1615
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<b>ATTORNEY DOCKET NUMBER:</b>	FRSC:049
<b>NAME OF SUBMITTER:</b>	BRIAN W. PETERMAN
<b>SIGNATURE:</b>	/Brian W. Peterman/
<b>DATE SIGNED:</b>	09/24/2015
<b>Total Attachments: 5</b>	
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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **ST-DENIS, Bernard F., an individual; KATZ, Adi, an individual; PILLAR, John F., an individual;** 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, 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 **SYSTEMS AND METHODS TO ACCESS MEMORY LOCATIONS IN EXACT MATCH KEYED LOOKUP TABLES USING AUXILIARY KEYS** (Docket No. DN31404NH (FRSC:049)), 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.

Bernard F. Res  
ST-DENIS, Bernard F.

DATE: Sept 22/2015

First Witness

Pier Co  
SIGNATURE OF WITNESS

DATE: 09-22-2015  
(Month-Day-Year)

PIERRE COOSINEAU  
PRINTED NAME OF WITNESS

50 FOREST GATE WAY  
OTTAWA, ON, CAN, K2G 6P3  
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Second Witness

David Lapp  
SIGNATURE OF WITNESS

DATE: 09-22-2015  
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PRINTED NAME OF WITNESS

18 John Cat  
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PRINTED ADDRESS OF WITNESS

KATZ, Adi

DATE: SEP 24 2015

First Witness

Stefania Gandul

SIGNATURE OF WITNESS

9-24-15

DATE:

~~24-9-15~~

(Month-Day-Year)

STEFANIA GANDAL

PRINTED NAME OF WITNESS

29A MEDINAT HAYEHUDIM

HERZLIA P ISRAEL 46766

PRINTED ADDRESS OF WITNESS

Second Witness

Ron A Bar

SIGNATURE OF WITNESS

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John F. Piller  
PILLER, John F.

DATE: Sept 22/2015

**First Witness**

Pierre Coosineau  
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DATE: 09-22-2015  
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PIERRE COOSINEAU  
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**Second Witness**

David Lapp  
SIGNATURE OF WITNESS

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