503191571 02/24/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3238188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL STAUDENMAIER	11/29/2012
VINCENT AUBINEAU	02/02/2015
DAVOR BOGAVAC	12/05/2012

RECEIVING PARTY DATA

Name:	FREESCALE SEMICONDUCTOR INC.	
Street Address:	6501 WILLIAM CANNON DRIVE WEST	
City:	AUSTIN	
State/Country:	TEXAS	
Postal Code:	78735	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14423478

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: USADOCKETING@FREESCALE.COM

Correspondent Name: FREESCALE SEMICONDUCTOR, INC. LAW DEPART Address Line 1: 6501 WILLIAM CANNON DRIVE WEST TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	AC50769EH
NAME OF SUBMITTER:	ROSEMARY HOFFERT
SIGNATURE:	/ROSEMARY HOFFERT/
DATE SIGNED:	02/24/2015

Total Attachments: 12

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PATENT 503191571 REEL: 035013 FRAME: 0071

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, STAUDENMAIER MICHAEL, MUNICH, GERMANY, AUBINEAU VINCENT, GIF SUR YVETTE, FRANCE and BOGAVAC DAVOR, KALLERED, SWEDEN 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 AUDIO UNIT AND METHOD FOR GENERATING A

SAFETY CRITICAL AUDIO SIGNAL (Docket No. AC50769EH), 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.

STAUDENMAIER MICHAEL	DATE: 25 Nov 12
First Witness SIGNATURE OF WITNESS	DATE: 25.14.2012 (Month-Day-Year)
PRINTED NAME OF WITNESS	

Second Witness	
T. UEL	DATE: 25.11 2012
SIGNATURE OF WITNESS	(Month-Day-Year)
Thomas Value PRINTED NAME OF WITNESS	
EURITED MAND OF WITHESS	

AUBINEAU VINCENT	DATE:
First Witness	
SIGNATURE OF WITNESS	DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	
<u>Second Witness</u>	
SIGNATURE OF WITNESS	DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	

BOGAVAC DAVOR	DATE:
<u>First Witness</u>	
SIGNATURE OF WITNESS	DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	
Second Witness	
SIGNATURE OF WITNESS	DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	

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<u>SAFETY CRITICAL AUDIO SIGNAL</u> (Docket No. ACS0769EH), 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.

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STAUDENMAIER MICHAEL	DATE:
First Witness	
SIGNATURE OF WITNESS	DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	
Second Witness	
SIGNATURE OF WITNESS	DATE∷(Month-Day-Year)
PRINTED NAME OF WITNESS	

19 July articular constitution of the second
AUBINEAU VINCENT

DATE: <u>02-02-2015</u>

First Witness	
SIGNATURE OF WITNESS	DATE: <u>02-02-2015</u> (Month-Day-Year)
Freder C455412 PRINTED NAME OF WITNESS	

Second Witness	
STONATURE OF WITNESS	DATE: 02 - 02 - 2015 (Month-Day-Year)
<u>SEMV— PLÉVVLY LYONDIET</u> PRINTED NAME OF WITNESS	

BOGAVAC DAVOR	— DATE:
<u>First Witness</u>	***************************************
SIGNATURE OF WITNESS	— DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	
Second Witness	
SIGNATURE OF WITNESS	DATE:(Month-Day-Year)
PRINTED NAME OF WITNESS	•••

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STAUDENMAIER MICHAEL	DATE:
First Witness	
SIGNATURE OF WITNESS	— DATE: (Month-Day-Year)
PRINTED NAME OF WITNESS	
Second Witness	
SIGNATURE OF WITNESS	— DATE: (Month-Day-Year)
PRINTED NAME OF WITNESS	

AUBINEAU VINCENT	— DATE:	
<u>First Witness</u>		
SIGNATURE OF WITNESS	_ DATE:_	(Month-Day-Year)
PRINTED NAME OF WITNESS		
Second Witness		
SIGNATURE OF WITNESS	_ DATE:_	(Month-Day-Year)
PRINTED NAME OF WITNESS		

BOGAVAC DAVOR	— DATE:	12-05-12	
First Witness SIGNATURE OF WITNESS	DATE:	/2 – 05 – 72 (Month-Day-Year)	
PRINTED NAME OF WITNESS			

Second Witness			
SIGNATURE OF WITNESS	— DATE: _	\2-05-12 (Month-Day-Year)	
Britta Polentarutti PRINTED NAME OF WITNESS			