

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhongsong LIN</td> <td>03/02/2011</td> </tr> <tr> <td>Shidong SHANG</td> <td>03/12/2011</td> </tr> <tr> <td>Shengjiu WANG</td> <td>03/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Zhongsong LIN	03/02/2011	Shidong SHANG	03/12/2011	Shengjiu WANG	03/02/2011				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Freescall Semiconductor, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>6501 William Cannon Drive West</td> </tr> <tr> <td>Internal Address:</td> <td>Law Department</td> </tr> <tr> <td>City:</td> <td>Austin</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>78735</td> </tr> </table>		Name:	Freescall Semiconductor, Inc.	Street Address:	6501 William Cannon Drive West	Internal Address:	Law Department	City:	Austin	State/Country:	TEXAS	Postal Code:	78735
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CORRESPONDENCE DATA													
Fax Number: (512)996-6854 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 512-996-6839 Email: pat.thomas@freescall.com Correspondent Name: Pat Thomas Address Line 1: 7700 West Parmer Lane Address Line 2: TX32/PL02 Address Line 4: Austin, TEXAS 78729													
ATTORNEY DOCKET NUMBER:	NM45643HS												
NAME OF SUBMITTER:	Charles Bergere												
Total Attachments: 4													

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PATENT ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Zhongsong LIN, Shidong SHANG and Shengjiu WANG, all of CHINA** 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 **METHOD FOR DETECTING AUDIO SIGNAL TRANSIENT AND TIME-SCALE MODIFICATION BASED ON SAME** (Docket No. NM45643HS) described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the dates indicated by my signature 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.

I 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 I 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.

I 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 I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to FREESCALE SEMICONDUCTOR, INC.

I agree that, when requested, I 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.

NM45653HS

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I 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.

Zhongsong Lin

Zhongsong LIN

DATE: 2011.3.02

Chen Fei

WITNESS

DATE: 2011. 3. 2

Lou Zhan

WITNESS

DATE: 2011. 3. 2

NM45653HS

2

Shidong shang
Shidong SHANG

DATE: Mar 12, 2011

WITNESS

DATE: _____

WITNESS

DATE: _____

NM45653HS
3

Shengjiu Wang
Shengjiu WANG

DATE: 2011.03.02

Qin Yanning
WITNESS

DATE: 2011.03.02

Yang Tongyang
WITNESS

DATE: 2011.03.02