

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Bin Zhao</td><td>01/29/2009</td></tr><tr><td>Jack W. Cornish</td><td>01/29/2009</td></tr><tr><td>Brian B. Hornig</td><td>01/29/2009</td></tr><tr><td>Victor K. Lee</td><td>01/29/2009</td></tr><tr><td>Andrew M. Kameya</td><td>01/29/2009</td></tr></tbody></table>	Name	Execution Date	Bin Zhao	01/29/2009	Jack W. Cornish	01/29/2009	Brian B. Hornig	01/29/2009	Victor K. Lee	01/29/2009	Andrew M. Kameya	01/29/2009	
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Victor K. Lee	01/29/2009												
Andrew M. Kameya	01/29/2009												
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12363179</td></tr></tbody></table>	Property Type	Number	Application Number:	12363179									
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Application Number:	12363179												
CORRESPONDENCE DATA													
Fax Number:	(512)439-7199												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Ryan S. Davidson												

CH \$40.00 12363179

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PATENT
REEL: 022188 FRAME: 0431

Total Attachments: 5

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PATENT

REEL: 022188 FRAME: 0432

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s)

Bin Zhao
Jack W. Cornish
Brian B. Horng
Victor K. Lee
Andrew M. Kameya

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Bin Zhao, Jack W. Cornish, Brian B. Horng, Victor K. Lee, and Andrew M. Kameya**, and 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 **LED DRIVER WITH SEGMENTED DYNAMIC HEADROOM CONTROL (Docket No.: RA48404ZCX)**, 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 therefore 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.

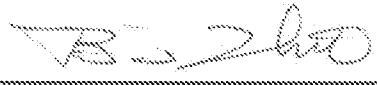
We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **FREESCALE SEMICONDUCTOR, INC.**, for the sole use and benefit of **FREESCALE SEMICONDUCTOR, INC.**, its 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.

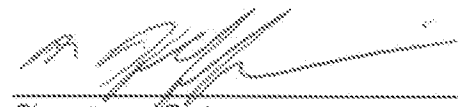
This assignment is executed on the date(s) of which the Inventors have signed.

Inventors:

 1/29/09
Bin Zhao Date

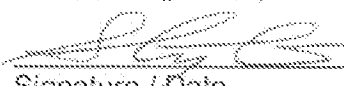
Witnesses for Inventor:

First Witness:

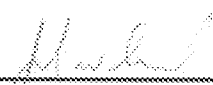
 1/29/09
Signature / Date

Mark Helfrich
Full Name (printed)

Second Witness:

 1/29/09
Signature / Date

Stacy S. Wu
Full Name (printed)

 1/29/2009
Jack W. Cornish Date

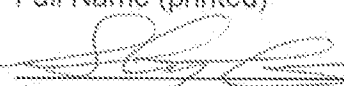
Witnesses for Inventor:

First Witness:

 1/29/09
Signature / Date

Mark Helfrich
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Second Witness:

 1/29/09
Signature / Date

Stacy S. Wu
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B. Horng 1/29/2009
Brian B. Horng Date

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Signature / Date

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Full Name (printed)

Second Witness:

[Signature] 1/29/09
Signature / Date

Mark Helfrich
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[Signature] 1/29/2009
Victor K. Lee Date

Witnesses for Inventor:

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Signature / Date

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Signature / Date

Mark Helfrich
Full Name (printed)

Andrew M. Kameya
Andrew M. Kameya

2009-01-29
Date

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Signature / Date

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Full Name (printed)

Second Witness:

Stacy S. Wu 1/29/09
Signature / Date

Stacy S. Wu
Full Name (printed)