

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES ANDREW COLLIER SCOBIE	08/13/2007
DEREK BEATTIE	08/13/2007
CARL CULSHAW	07/30/2007
ALAN DEVINE	08/13/2007
JIM FEDDELER	07/26/2007
<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:	12596253
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(512)996-6853
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	5129966839
Email:	USADOCKETING@FREESCALE.COM
Correspondent Name:	FREESCALE SEMICONDUCTOR, INC. LAW DEPART
Address Line 1:	7700 WEST PARMER LANE MD:TX32/PL02
Address Line 4:	AUSTIN, TEXAS 78729
ATTORNEY DOCKET NUMBER:	TS48189EH
NAME OF SUBMITTER:	Rosemary Hoffert

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**Total Attachments: 12**

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **SCOBIE, James Andrew Collier, GLASGOW, UNITED KINGDOM, BEATTIE DEREK, GLASGOW, UNITED KINGDOM, CULSHAW CARL, GLASGOW, UNITED KINGDOM, ALAN DEVINE, PAISLEY, UNITED KINGDOM and FEDDELER JAMES, AUSTIN – TEXAS, USA** 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 **MICROCONTROLLER UNIT AND METHOD THEREFOR** (Docket No. TS48189EH US), 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.

**SCOBIE, James Andrew Collier**

James Scobie

DATE: 8/13/2007

D. J. McManis  
SIGNATURE OF WITNESS

DATE: 8/13/2007  
(Month-Day-Year)

DAVID N. MENAMIN  
PRINTED NAME OF WITNESS

Alasdair Robertson  
SIGNATURE OF WITNESS

DATE: 08/13/2007  
(Month-Day-Year)

ALASDAIR ROBERTSON  
PRINTED NAME OF WITNESS

BEATTIE Derek

*Derek Beattie*

DATE: 8-13-2007

*[Signature]*

SIGNATURE OF WITNESS

DATE: 8/13/2007  
(Month-Day-Year)

SARIL N MENAMIN

PRINTED NAME OF WITNESS

Ausdair Robertson

SIGNATURE OF WITNESS

DATE: 08/13/2007  
(Month-Day-Year)

AUSDAIR ROBERTSON

PRINTED NAME OF WITNESS

CULSHAW Carl

Carl Culshaw

DATE: 30/7/2007

KAR  
SIGNATURE OF WITNESS

DATE: 30/7/7  
(Month-Day-Year)

KAM A BAUBIT  
PRINTED NAME OF WITNESS

Kam A. Baubit  
SIGNATURE OF WITNESS

DATE: 30/7/7  
(Month-Day-Year)

CLAUDINE M McFALL  
PRINTED NAME OF WITNESS

DEVINE Alan

A. Devine

DATE: 13/8/2007

[Signature]

SIGNATURE OF WITNESS

DATE: 8/13/2007  
(Month-Day-Year)

SAM MENENAND

PRINTED NAME OF WITNESS

Ausdair Robertson

SIGNATURE OF WITNESS

DATE: 08/13/2007  
(Month-Day-Year)

AUSDAIR ROBERTSON

PRINTED NAME OF WITNESS

FEDDELER Jim

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DATE: \_\_\_\_\_

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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.

**SCOBIE, James Andrew Collier**

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DATE: \_\_\_\_\_  
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PRINTED NAME OF WITNESS

BEATTIE Derek

DATE: \_\_\_\_\_

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DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

CULSHAW Carl

\_\_\_\_\_

DATE: \_\_\_\_\_

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(Month-Day-Year)

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PRINTED NAME OF WITNESS

DEVINE Alan

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DATE: \_\_\_\_\_

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SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

FEDDELER Jim

James Feddeler

DATE: July 26, 2007

Mindy T. Berens  
SIGNATURE OF WITNESS

DATE: July 26, 2007  
(Month-Day-Year)

Michael T. Berens  
PRINTED NAME OF WITNESS

Yassine T Akrouf  
SIGNATURE OF WITNESS

DATE: July 26, 2007  
(Month,Day-Year)

Yassine T Akrouf  
PRINTED NAME OF WITNESS