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documents or the new address(es) below.

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1. Name of conveying party(ies)/Execution Date(s):

James David Hughes
Mahibur RahmanExecution Date(s) March 29, 2005Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: FREESCALE SEMICONDUCTOR, INC.

Internal Address: _____

Street Address: 6501 William Cannon Drive WestCity: AustinState: TXCountry: US Zip: 78735Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

11095910

B. Patent No.(s)

Docket Number: SC13865ZCAdditional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: J. Gustav Larson

Internal Address: _____

Street Address: Toler, Larson & Abel, LLP
5000 Plaza On The Lake, Suite 265City: AustinState: TX Zip: 78746Phone Number: 512-327-5515Fax Number: 512-327-5452

Email Address: _____

6. Total number of applications and patents involved:

17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-2469

Authorized User Name _____

9. Signature:

Signature

Ryan S. Davidson, Reg. No. 51,596

Name of Person Signing

31 March 2005

Date

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

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

James David Hughes

Mahibur Rahman

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **James David Hughes and Mahibur Rahman** 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 **SYSTEM AND METHOD FOR ADJUSTING DYNAMIC RANGE OF ANALOG-TO-DIGITAL CONVERTER (Docket No. SC13865ZC)**, 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 Inventor has signed.

Inventor:

James David Hughes Date: March 29, 2005
James David Hughes

State of
County of

Florida
Palmer Beach

SS:

Before me personally appeared said inventor and acknowledge the foregoing instrument to be his/her free act and deed this 29 day of March, 2005

Seal

Heather L. Gray
(Notary)



Heather L. Gray
Commission # DD100412
Expires April 18, 2006
Bonded thru
Atlantic Bonding Co., Inc.

Mahibur Rahman March 29, 2005.
Mahibur Rahman Date:

State of Florida SS:
County of Palm Beach

Before me personally appeared said inventor and acknowledge the foregoing instrument to be his/her
free act and deed this 29 day of March, 2005

Seal

Heather L. Gray
(Notary)



Heather L. Gray
Commission # DD100412
Expires April 12, 2006
Bonded Thru
Atlantic Bonding Co., Inc.