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04-14-2005



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U.S. PTO
11/098490



Substitute Form PTO -1595
Attorney Docket No. SC14036ZC

To The Honorable Commissioner of Patents and trademarks: Please record the original documents or copy thereof.

1. Name of conveying party(ies): MOHAMMED S. ALAM DANIEL L. KACZMAN	Execution date: April 4, 2005 April 4, 2005
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2. Name and address of receiving party(ies): FREESCALE SEMICONDUCTOR, INC. 6501 WILLIAM CANNON DRIVE WEST AUSTIN, TEXAS 78735	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Merger <input type="checkbox"/> Other
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4. Application number(s) or patent number(s): <input checked="" type="checkbox"/> New Patent Application <input type="checkbox"/> Patent Application Number: <input type="checkbox"/> Patent Number:	Execution/Filing/Issue Date April 4, 2005 Execution Date <u>Herewith</u> Filing Date _____ Issue Date
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5. Name and address of party to whom correspondence concerning document should be mailed: CRAIG J. YUDELL DILLON & YUDELL LLP 8911 NORTH CAPITAL OF TEXAS HIGHWAY SUITE 2110 AUSTIN, TEXAS 78759	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41). \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Authorized to charge any deficiency to deposit account
	8. Deposit account number: <u>50-3083</u> (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Craig J. Yudell, Reg. No. 39,3083 Name of Person Signing	 Signature	April 4, 2005 Date
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Total number of pages including cover sheet, attachments, and documents:

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(40.00 DP)

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Mail Stop Assignments
PO Box 1450, Alexandria, Virginia 22313-1450

PATENT
REFL: 016449 FRAME: 0164

**PATENT
ASSIGNMENT AND AGREEMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MOHAMMED S. ALAM**, of Grayslake, Illinois, and **DANIEL L. KACZMAN**, of Gurnee, Illinois 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 in and to certain inventions relating to improvements in **MULTI-BAND MIXER AND QUADRATURE SIGNAL GENERATOR FOR A MULTI-MODE RADIO RECEIVER** (Docket No. SC14036ZC), 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, 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, 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 us 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.**

SC14036ZC

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**PATENT
REEL: 016449 FRAME: 0165**

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.

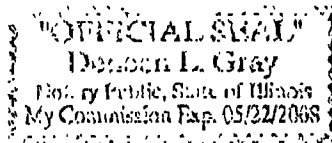
We covenant with FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Signed

DATE: 04-04-2005

MOHAMMED S. ALAM

STATE OF ILLINOIS)
COUNTY OF LAKE)



The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Mohammed S. Alam, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 11th day of April, 2005.

My commission expires: 05/22/2008

Doreen L. Gray
Notary Public Signature
Doreen L. GRAY
Printed Name of Notary Public

