04-14-2006 Form **PTO-1595** (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office 103219192 PATENTS UNL To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) Name: FREESCALE SEMICONDUCTOR, INC. Prashant U. Kenkare Jeffrey W. Waldrip Alexander B. Hoefler Internal Address: _ Additional name(s) of conveying party(ies) attached? ___Yes 🚩 No 3. Nature of conveyance/Execution Date(s): Street Address: 6501 William Cannon Drive West Execution Date(s) April 6, 2006 ✓ Assignment Merger City: Austin __ Security Agreement J Change of Name
 Joint Research Agreement State: TX Government Interest Assignment Zip: 78735 Country: US Executive Order 9424, Confirmatory License Other Additional 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) B. Patent No.(s) Docket Number: SC14771TC Additional numbers attached? Yes V No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: J. Gustav Larson 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 Internal Address: Authorized to be charged by credit card LARSON NEWMAN ABEL POLANSKY & WHITE, LLP ✓ Authorized to be charged to deposit account **Enclosed** Street Address: 5914 West Courtyard Drive, Suite 200 None required (government interest not affecting title) 8. Payment Information City: Austin a. Credit Card Last 4 Numbers State:TX Zip: 78730 Expiration Date Phone Number: (512) 439-7100 b. Deposit Account Number 50-3797 Fax Number: (512) 439-7199 Authorized User Name J. Gustav Larson Email Address: 9. Signature: عسدر 4-7-01

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

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Signature

J. Gustav Larson, Reg. No. 39,263

Name of Person Signing

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Total number of pages including cova

sheet, attachments, and documents:

PATENT REEL: 017777 FRAME: 0059

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

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

Prashant U. Kenkare
Jeffrey W. Waldrip
Alexander B. Hoefler

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Prashant U. Kenkare Jeffrey W. Waldrip, and Alexander B. Hoefler, 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 PROGRAMMABLE CELL (Docket No. SC14771TC), 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 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.

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PATENT REEL: 017777 FRAME: 0060 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:

Prashant U. Kenkare

Date:

State of County of SS:

Before me personally appeared said inventor and acknowledge the foregoing instrument to be his/her free act and deed this day of MOLLY K HARRISON My Commission Expires January 11, 2009

MOLLY K HARRISON My Commission Expires January 11, 2009

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Jeffrey W. Waldrip	04-06-06 Date:
State of County of VAVIS	SS:
Before me personally appeared said inventor and actifice act and deed this day of	knowledge the foregoing instrument to be his/her APTI , 2006 Wolley Haum (Jotary)
Alexander B. Hoefler	04 (06 / 2006 Date:
State of Texas County of Travis	SS:
Before me personally appeared said inventor and acl free act and deed this day of Seal	knowledge the foregoing instrument to be his/her Notary)
MOLLY K HARRISON My Commission Expires	

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PATENT REEL: 017777 FRAME: 0062