1. Name of conveying party(ies)

Execution Date(s) December 12, 2005

Joint Research Agreement

4. Application or patent number(s):

Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance/Execution Date(s):

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

Street Address: 5000 Plaza on the Lake, Suite 265

Michael A. Sadd

Cheong M. Hong

✓ Assignment

Gowrishankar L. Chindalore

J Security Agreement

A. Patent Application No.(s)

Docket Number: SC13919TP

Name: J. Gustav Larson

Internal Address:

9.



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Assignment Merger				
Security Agreement	City: Austin			
Joint Research Agreement	State: TX			
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Executive Order 9424, Confirmatory License	Country: US Zip: 78735			
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ne:J. Gustav Larson	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
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Ernail Address:	Authorized User Name J. Gustav Larson		
9. Signature: / Dunk 5	12-4-05		
Signature	Date		

sheet, attachments, and documents: Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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

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PATENT

REEL: 017327 FRAME: 0870

Total number of pages including cover

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

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

Michael A. Sadd Gowrishankar L. Chindalore Cheong M. Hong

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Michael A. Sadd, Gowrishankar L. Chindalore, and Cheong M. Hong 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 FLOATING GATE NON-VOLATILE MEMORY AND METHOD THEREOF (Docket No. SC13919TP), 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.

also We hereby 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 countries, and we further authorize **FREESCALE** in foreign 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: 017327 FRAME: 0871 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:

| Michael A. Sadd | 12/12/2005 |
| Date:

State of Texas SS:
County of Travis

Before me personally appeared said inventor and acknowledge the foregoing instrument to be his/her

free act and deed this 12+h day of December, 2005

Seal

LISA ANN THOMPSON MY COMMISSION EXPIRES April 9, 2009 (Notary)

Gowrishankar L. Chindalore Date:	12/12/05
State of Texas SS: County of Tvavis	
Before me personally appeared said inventor and acknowledge free act and deed this l day of day of CEM_ LISA ANN THOMPSON MY COMMISSION EXPIRES April 9, 2009	e the foregoing instrument to be his/her 000
Hontheon	12/12/05
Cheong M. Hong Date:	
State of Texas SS: County of Tvavis	
Before me personally appeared said inventor and acknowledge free act and deed this day of day of day of CEM	e the foregoing instrument to be his/her Not, 2005 (Notary)

RECORDED: 12/14/2005